# Adabas

## Messages and Codes

Version 8.6.2

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ADABAS & NATURAL

This document applies to Adabas Version 8.6.2 and all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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# Preface

This documentation contains a description of error messages and response codes for the basic Adabas database management system and the following options or add-on products:

**Notes:**

1. Notation *vrs*, *vr*, or *v*: When used in this documentation, the notation *vrs* or *vr* stands for the relevant version of a product. For further information on product versions, see *version* in the *Glossary*.
2. Information about Adabas operator commands, which are often issued in response to a message or code, can be found in the Adabas Operations documentation.

The description of messages and codes is organized in the following parts:

| | |
|---|---|
| *Alphabetical Message Prefix Reference* | Lists all of the message prefixes used in Adabas messages alphabetically and identifies the Adabas components and products that use them. The messages themselves are provided elsewhere in this guide. |
| *Message Prefix Reference by Product* | Lists the message prefixes by Adabas component and product. The messages themselves are provided elsewhere in this guide. |
| *ADARUN Statement/Parameter Messages* | Describes the error messages that can result from ADARUN statements and parameters that define the nucleus operating environment. |
| *Adabas Checkpoints* | Describes Adabas nucleus and utility checkpoints. |
| *Adabas Console Messages (ADAN* & ADACM*)* | Describes messages that may be displayed on the operator console during an Adabas session. |
| *Nucleus Startup Messages* | Describes error messages issued by the Adabas nucleus during startup. |
| *Nucleus Response Codes* | Describes response codes issued by the Adabas nucleus during processing of nucleus commands. |
| *Software GmbH Mainframe Licensing Error Messages* | Describes error messages issued by Software GmbH's mainframe licensing software and the license utility (LICUTIL). |
| *SNA Sense Codes* | Describes the popular SNA sense codes used in conjunction with a VTAM link and TRANSIT/CD in Entire Net-Work Communication. |
| *Universal Encoding System (UES) Component Error Codes* | Describes error codes issued by Adabas UES components and listed in other Adabas error messages. |

| | |
|---|---|
| *User Abend Codes* | Describes user abnormal end (abend) codes. |
| *AAF* - Adabas SAF Security Messages* | Describes Adabas SAF Security messages. |
| *AAS* - Adabas Administration Service Messages* | Describes Adabas Administration Service messages. |
| *SAF Return Codes* | Describes Adabas SAF Security and SAF Security Kernel return codes. |
| *SAF Internal Function Codes* | Describes Adabas SAF Security and SAF Security Kernel internal function codes. |
| *AAUD* - AUDITLOG Messages* | Describes the AUDITLOG auditing data message for the function issued. |
| *ACLX* - Adabas Review ADALNK Messages* | Describes Adabas Review ADALNK messages. |
| *ADAA* - Adabas Auditing Messages* | Describes Adabas Auditing messages. |
| *ADACM* - ADATCP Messages* | Describes the ADATCP messages used with Entire Net-Work. |
| *ADAE* Adabas SAF Security (ADASAF) Messages* | Describes Adabas SAF Security (ADASAF) messages. |
| *ADAF* - Event Replicator for Adabas Messages* | Describes Event Replicator for Adabas messages. |
| *ADAH* - Dump Formatter Status Messages* | Describes dump formatter status messages. |
| *ADAI* - ADAIOR System Messages* | Describes ADAIOR system messages. |
| *ADAK* System Messages* | Describes Adabas system messages with an ADAK prefix. |
| *ADAL* - Command Log (CLOG) System Messages* | Describes command log (CLOG) system messages. |
| *ADAM* -- ADAMPM System Messages* | Describes ADAMPM system messages. |
| *ADAQ* - Adabas Review Hub Messages* | Describes Adabas Review hub system messages beginning with the prefix ADAQ*. |
| *ADAR* System Messages* | Describes Adabas system messages. |
| *ADAS* (Adabas SVC) System Messages* | Describes Adabas SVC system messages. |
| *ADASM* Adabas SMF Processing Messages* | Describes messages produced by Adabas SMF record processing. |
| *ADAU* Utility Status Messages* | Describes Adabas utility status messages. |
| *ADAX* - Adabas Cluster Nucleus Messages* | Describes Adabas cluster nucleus messages. |
| *ADAZ* - ADAZIP System Messages* | Describes Adabas system messages generated by module ADAZIP. |
| *AFP* - Adabas Fastpath Messages* | Describes the Adabas Fastpath (AFP*) messages. |
| *AREV* - Adabas Review Hub Messages* | Describes Adabas Review hub system messages beginning with the prefix AREV*. |
| *ARF* - Adabas Event Replicator Subsystem Messages* | Describes Adabas Event Replicator Subsystem messages. |
| *ARMT* - Adabas Review Hub Messages* | Describes Adabas Review hub system messages beginning with the prefix ARMT*. |

| | |
|---|---|
| *ARMX* - Adabas Review Hub Messages* | Describes Adabas Review hub system messages beginning with the prefix ARMX*. |
| *ARST* - Adabas Review Hub Messages* | Describes Adabas Review hub system messages beginning with the prefix ARST*. |
| *ARSX* - Adabas Review Hub Messages* | Describes Adabas Review hub system messages beginning with the prefix ARSX*. |
| *ARVU* - Adabas Review Hub Messages* | Describes Adabas Review hub system messages beginning with the prefix ARVU*. |
| *ARXM* - Event Replicator for Adabas Messages for Event Replicator Target Adapter* | Describes Event Replicator Target Adapter messages. |
| *ATM* - Adabas Transaction Manager Messages* | Describes the Adabas Transaction Manager (ATM*) messages. |
| *Adabas Transaction Manager Error Codes* | Describes the Adabas Transaction Manager error codes. |
| *AVInnn - Adabas Vista Database Processing Messages* | Describes Adabas Vista database processing messages |
| *AVI-xxxx-xx - Adabas Vista Processing Messages* | Describes Adabas Vista processing messages |
| *CAS* - Adabas System Coordinator Cluster Application Service Messages* | Messages issued from the clustered application service (CAS) operating in the Adabas System Coordinator daemon. |
| *CHK* - ADACHK Utility Messages* | Describes messages issued by Adabas ADACHK utility processing. |
| *COR* - Adabas System Coordinator Kernel Messages* | Messages issued by the Adabas System Coordinator kernel. |
| *CORD* - Adabas System Coordinator Daemon Messages* | Messages issued by the Adabas System Coordinator daemon. |
| *CRV* - ADACHK Utility Decompression Messages* | Describes messages issued by Adabas ADACHK utility decompression processing. |
| *CWARN* - Caching Facility Error Messages* | Describes Adabas Cache Facility error messages. |
| *DSF* - Delta Save Facility Messages* | Describes Adabas Delta Save messages. |
| *DSP* - Cluster Data Space (ADADSP) Messages* | Describes Adabas Parallel Services cluster data space (ADADSP) messages. |
| *DRU* - ADADRU Utility Messages* | Describes messages issued by Adabas ADADRU utility processing. |
| *LNKRVX* Adabas Review Link Routine Messages* | Describes Adabas Review link routine messages. |
| *LNKTCP* Adabas Link Routine TCP/IP Socket Support Messages* | Describes Adabas link routine messages for TCP/IP socket support. |
| *MLC* - Software GmbH Mainframe Licensing Error Messages* | Describes error messages issued by Software GmbH's mainframe licensing software and the license utility (LICUTIL) |
| *PLI* - ADACOM Initialization Messages* | Describes ADACOM initialization messages. |

| | | |
|---|---|---|
| *PLX* - ADACLU Messages* | | Describes Adabas nucleus cluster environment (ADACLU) messages. |
| *PL6* - PRILOG Print Program Messages* | | Describes Adabas PRILOG print program messages. |
| *POP* - Adabas System Coordinator Server Component Messages* | | Describes messages issued from the Adabas System Coordinator Adabas server component. |
| *REV00* - Adabas Review 00xxx Messages* | | Describes Adabas Review messages of the format REV00*. |
| *REV20* - Adabas Review 20xxx Messages* | | Describes Adabas Review messages of the format REV20*. |
| *REVH* - Adabas Review Hub Messages* | | Describes Adabas Review hub system messages beginning with the prefix REVH*. |
| *RTP* - Adabas Review Trans-port Messages* | | Describes Adabas Review Trans-port messages beginning with the prefix RTP*. |
| *RVCL* - Adabas Review Batch Client Reporting (REVCLRP) Messages* | | Describes Adabas Review batch client reporting (REVCLRP module) messages. |
| *SAF* - SAF Daemon Messages* | | Describes SAF Security Kernel messages |
| *SEFM* - ADASAF SAF Interface and SAF Security Kernel Messages* | | Describes Adabas SAF Security (ADASAF) and SAF Security Kernel operator console and command messages. |
| *SM-PIN* - PIN Routine Messages* | | Describes Adabas messages for the plug-in (PIN) modules of the error handling and message buffering facility. |
| *SRT* - ADACHK Utility Sort Messages* | | Describes messages issued by Adabas ADACHK utility sort processing. |
| *UEX12* - Messages by Sample User Exit 12* | | Describes messages issued by the Sample User Exit 12 routine. |
| Utility Messages and Codes | *Utility Return Codes* | Describes return codes issued by Adabas utilities. |
| | *Errors Common to All Utilities* | Describes common Adabas utility error messages. |
| | *ADACDC Utility Messages* | Describes ADACDC utility messages. |
| | *ADACHK Utility CHK* Messages* | Describes ADACHK utility messages. |
| | *ADACHK Utility CRV* Decompression Messages* | Describes ADACHK utility decompression messages. |
| | *ADACHK Utility SRT* Sort Messages* | Describes ADACHK sort messages. |
| | *ADACMP Utility Messages* | Describes ADACMP utility messages. |
| | *ADACNV Utility Messages* | Describes ADACNV utility messages |
| | *ADADBS Utility Messages* | Describes ADADBS utility messages |
| | *ADADEF Utility Messages* | Describes ADADEF utility messages |
| | *ADADRU Utility Messages* | Describes ADADRU utility messages |

| | | |
|---|---|---|
| | *ADAFRM Utility Messages* | Describes ADAFRM utility messages |
| | *ADAINV Utility Messages* | Describes ADAINV utility messages |
| | *ADALOD Utility Messages* | Describes ADALOD utility messages |
| | *ADAMER Utility Messages* | Describes ADAMER utility messages |
| | *ADAMTR Utility Messages* | Describes ADAMTR utility messages |
| | *ADAMTS Utility Messages* | Describes ADAMTS utility messages |
| | *ADAORD Utility Messages* | Describes ADAORD utility messages |
| | *ADAPLP Utility Messages* | Describes ADAPLP utility messages |
| | *ADARAI Utility Messages* | Describes ADARAI utility messages |
| | *ADAREP Utility Messages* | Describes ADAREP utility messages |
| | *ADARES Utility Messages* | Describes ADARES utility messages |
| | *ADARPE Utility Messages* | Describes ADARPE utility messages |
| | *ADARPL Utility Messages* | Describes ADARPL utility messages |
| | *ADARPP Utility Messages* | Describes ADARPP utility messages |
| | *ADASAV Utility Messages* | Describes ADASAV utility messages |
| | *ADASEL Utility Messages* | Describes ADASEL utility messages |
| | *ADAULD Utility Messages* | Describes ADAULD utility messages |
| | *ADAWRK Utility Messages* | Describes ADAWRK utility messages |
| | *ADAZAP Utility Messages* | Describes ADAZAP utility messages |
| | *ADAZIN Utility Messages* | Describes ADAZIN utility messages |

**Note:** Proprietary functions of Adabas may also return response codes and subcodes, some of which are not described in this manual. If using such Adabas functions and messages or codes occur that are not explained in this manual, refer to the documentation for those functions for additional information.

# 1 List of Abbreviations

| Abbreviation | Meaning |
|---|---|
| AB | attached buffers |
| AC | address converter |
| ADACB | Adabas control block |
| ASSO | Associator |
| BP | buffer pool |
| CID | command ID |
| CLOG | command log |
| CQ | command queue |
| CQE | command queue element |
| DATA | Data Storage |
| DBID | database ID |
| DIB | data integrity block |
| DSST | Data Storage space table |
| DVT | descriptor value table |
| FB | format buffer |
| FCB | file control block |
| FDT | field definition table |
| FID | format ID |
| FNR | file number |
| FST | free space table |
| GCB | general control block |
| GFID | global format ID |
| HQ | hold queue |
| IB | ISN buffer |

| Abbreviation | Meaning |
|---|---|
| ISN | internal sequence number |
| MU | multiple-value field |
| NI | normal index |
| PE | periodic group |
| PLOG | protection log |
| PPT | parallel participant table (nucleus cluster environments) |
| RABN | relative Adabas block number |
| RB | record buffer |
| SB | search buffer |
| SIBA | sequential data protection data set |
| TBI | table of ISNs |
| TBQ | |
| TBS | table of sequential ISNs |
| UI | upper index |
| UQ | user queue |
| UQE | user queue element |
| URL | universal resource locator |
| VB | value buffer |
| WORK | Work data set |
| WP | work pool |

# 2 About this Documentation


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- Online Information and Support ..... 4
- Data Protection ..... 5

## Document Conventions

| Convention | Description |
|---|---|
| **Bold** | Identifies elements on a screen. |
| `Monospace font` | Identifies service names and locations in the format *`folder.subfolder.service`*, APIs, Java classes, methods, properties. |
| *`Italic`* | Identifies:<br><br>Variables for which you must supply values specific to your own situation or environment.<br>New terms the first time they occur in the text.<br>References to other documentation sources. |
| `Monospace font` | Identifies:<br><br>Text you must type in.<br>Messages displayed by the system.<br>Program code. |
| { } | Indicates a set of choices from which you must choose one. Type only the information inside the curly braces. Do not type the { } symbols. |
| \| | Separates two mutually exclusive choices in a syntax line. Type one of these choices. Do not type the \| symbol. |
| [ ] | Indicates one or more options. Type only the information inside the square brackets. Do not type the [ ] symbols. |
| ... | Indicates that you can type multiple options of the same type. Type only the information. Do not type the ellipsis (...). |

## Online Information and Support

### Product Documentation

You can find the product documentation on our documentation website at **https://documentation.softwareag.com**.

### Product Training

You can find helpful product training material on our Learning Portal at **https://learn.softwareag.com**.

### Tech Community

You can collaborate with Software GmbH experts on our Tech Community website at **https://techcommunity.softwareag.com**. From here you can, for example:

- Browse through our vast knowledge base.
- Ask questions and find answers in our discussion forums.
- Get the latest Software GmbH news and announcements.
- Explore our communities.
- Go to our public GitHub and Docker repositories at **https://github.com/softwareag** and **https://hub.docker.com/publishers/softwareag** and discover additional Software GmbH resources.

**Product Support**

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- Download products, updates and fixes.
- Search the Knowledge Center for technical information and tips.
- Subscribe to early warnings and critical alerts.
- Open and update support incidents.
- Add product feature requests.

## Data Protection

Software AG products provide functionality with respect to processing of personal data according to the EU General Data Protection Regulation (GDPR). Where applicable, appropriate steps are documented in the respective administration documentation.

# I Message Prefix Reference

# 3 Message Prefix Reference

**Note:** Adabas checkpoints, user abend codes, nucleus response codes, utility return codes, and UES component error codes are described in *Adabas Checkpoints*, *User Abend Codes*, *Nucleus Response Codes*, *Utility Return Codes*, and *Universal Encoding System (UES) Component Error Codes* , respectively. Entire Net-Work SNA sense codes are described in *SNA Sense Codes*.

| Prefix | Description | Read |
|---|---|---|
| AAF* | Adabas SAF Security messages | *AAF* - Adabas SAF Security Messages* |
| AAS* | Adabas Administration Service messages | *AAS* - Adabas Administration Service Messages* |
| AAUD* | AUDITLOG messages | *AAUD* - AUDITLOG Messages* |
| ACLX* | Adabas Review ADALNK messages | *ACLX* - Adabas Review ADALNK Messages* |
| ADAA* | Adabas Analytics messages | *ADAA* - Adabas Analytics Messages* |
| ADACM* | ADATCP console messages | *ADATCP Messages (Prefix ADACM)* |
| ADAE* | Adabas SAF Security (ADASAF) messages | *ADAE* Adabas SAF Security (ADASAF) Messages* |
| ADAF* | Event Replicator for Adabas messages | *ADAF* - Event Replicator for Adabas Messages* |
| ADAH* | Dump formatter status messages | *ADAH* Dump Formatter Status Messages* |
| ADAI* | ADAIOR system messages | *ADAI* - ADAIOR System Messages* |
| ADAK* | Adabas system messages | *ADAK* System Messages* |
| ADAL* | Command log (CLOG) system messages | *ADAL* - Command Log (CLOG) System Messages* |
| ADAM* | ADAMPM system messages | *ADAM* -- ADAMPM System Messages* |
| ADAN* | General console messages | *ADANnn Console Messages* |
| ADAQ* | Adabas Review Hub system messages | *ADAQ* - Adabas Review Hub Messages* |

| Prefix | Description | Read |
|---|---|---|
| ADAR* | Adabas system messages | *ADAR* System Messages* |
| ADAS* | Adabas SVC system messages | *ADAS* (Adabas SVC) System Messages* |
| ADASM* | Adabas SMF record processing messages | *ADASM* Adabas SMF Processing Messages* |
| ADAU* | Adabas utility status messages | *ADAU* Utility Status Messages* |
| ADAX* | Adabas cluster nucleus messages | *ADAX* - Adabas Cluster Nucleus Messages* |
| ADAZ* | ADAZIP system messsages | *ADAZ* - ADAZIP System Messages* |
| AFP* | Adabas Fastpath messages | *AFP* - Adabas Fastpath Messages* |
| AREV* | Adabas Review hub system messages beginning with the prefix AREV*. | *AREV* - Adabas Review Hub Messages* |
| ARF* | Adabas Event Replicator Subsystem messages | *Adabas Event Replicator Subsystem Messages* |
| ARMT* | Adabas Review hub system messages beginning with the prefix ARMT*. | *ARMT* - Adabas Review Hub Messages* |
| ARMX* | Adabas Review hub system messages beginning with the prefix ARMX*. | *ARMX* - Adabas Review Interface Messages* |
| ARST* | Adabas Review hub system messages beginning with the prefix ARST*. | *ARST* - Adabas Review Hub Messages* |
| ARSX* | Adabas Review hub system messages beginning with the prefix ARSX*. | *ARSX* - Adabas Review Hub Messages* |
| ARVU* | Adabas Review hub system messages beginning with the prefix ARVU*. | *ARVU - Adabas Review Interface Messages* |
| ARXM* | Event Replicator Target Adapter messages | *ARXM* - Event Replicator for Adabas Messages for Event Replicator Target Adapter* |
| ATM* | Adabas Transaction Manager messages | *ATM* - Adabas Transaction Manager Messages* |
| AVI* | Adabas Vista database processing messages | *AVInnn - Adabas Vista Database Processing Messages* |
| AVI-* | Adabas Vista processing messages | *AVI-xxxx-xx - Adabas Vista Processing Messages* |
| CAS* | Adabas System Coordinator cluster application service (CAS) messages | *CAS* - Adabas System Coordinator Cluster Application Service Messages* |
| CHK* | Adabas ADACHK utility messages | *ADACHK Utility CHK* Messages* |
| COR* | Adabas System Coordinator kernel messages | *COR* - Adabas System Coordinator Kernel Messages* |
| CORD* | Adabas System Coordinator daemon messages | *CORD* - Adabas System Coordinator Daemon Messages* |
| CRV* | Adabas ADACHK utility decompression messages | *ADACHK Utility CRV* Decompression Messages* |
| CWARN* | Adabas Cache Facility error messages | *CWARN* - Caching Facility Error Messages* |

| Prefix | Description | Read |
|---|---|---|
| COX* | Universal Encoding Support (UES) Conversion Messages | *COX* Universal Encoding System Conversion (UES) Errors* |
| DRU* | Adabas ADADRU utility messages | *ADADRU Utility Messages* |
| DSF* | Adabas Delta Save messages | *DSF* - Delta Save Facility Messages* |
| DSP* | Adabas Parallel Services cluster data space (ADADSP) messages. | *DSP* - Cluster Data Space (ADADSP) Messages* |
| error-* | ADARUN parameter error messages | *ADARUN Statement/Parameter Messages* |
| | Adabas Transaction Manager error codes | *Adabas Transaction Manager Error Codes* |
| ERROR-001 through ERROR-120 | Common Adabas utility error messages | *Errors Common to All Utilities* |
| ERROR-121 through ERROR-* | ADACDC utility messages | *ADACDC Utility Messages* |
| | ADACMP utility messages | *ADACMP Utility Messages* |
| | ADACNV utility messages | *ADACNV Utility Messages* |
| | ADADBS utility messages | *ADADBS Utility Messages* |
| | ADADEF utility messages | *ADADEF Utility Messages* |
| | ADAFRM utility messages | *ADAFRM Utility Messages* |
| | ADAINV utility messages | *ADAINV Utility Messages* |
| | ADALOD utility messages | *ADALOD Utility Messages* |
| | ADAMER utility messages | *ADAMER Utility Messages* |
| | ADAMTR utility messages | *ADAMTR Utility Messages* |
| | ADAMTS utility messages | *ADAMTS Utility Messages* |
| | ADAORD utility messages | *ADAORD Utility Messages* |
| | ADAPLP utility messages | *ADAPLP Utility Messages* |
| | ADARAI utility messages | *ADARAI Utility Messages* |
| | ADAREP utility messages | *ADAREP Utility Messages* |
| | ADARES utility messages | *ADARES Utility Messages* |
| | ADARPE utility messages | *ADARPE Utility Messages* |
| | ADARPL utility messages | *ADARPL Utility Messages* |
| | ADARPP utility messages | *ADARPP Utility Messages* |
| | ADASAV utility messages | *ADASAV Utility Messages* |
| | ADAULD utility messages | *ADAULD Utility Messages* |
| | ADAWRK utility messages | *ADAWRK Utility Messages* |
| | ADAZAP utility messages | *ADAZAP Utility Messages* |
| | ADAZIN utility messages | *ADAZIN Utility Messages* |
| LNKRVX* | Adabas Review link routine messages | *LNKRVX* Adabas Review Link Routine Messages* |

| Prefix | Description | Read |
|---|---|---|
| MLC* | Software GmbH mainframe license processing or license utility (LICUTIL) error messages | *our licensing Messages* |
| PARM-ERROR* | Adabas nucleus startup error messages | *Nucleus Startup Error Messages* |
| PLI* | ADACOM initialization messages | *PLI* - ADACOM Initialization Messages* |
| PLX* | Adabas nucleus cluster environment (ADACLU) messages | *PLX* - ADACLU Messages* |
| PL6* | Adabas PRILOG print program messages | *PL6* - PRILOG Print Program Messages* |
| POP* | Adabas System Coordinator server component messages | *POP* - Adabas System Coordinator Server Component Messages* |
| REV00* | Adabas Review messages of the format REV00*. | *Adabas Review 00xxx Messages* |
| REV20* | Adabas Review messages of the format REV20*. | *Adabas Review 20xxx Messages* |
| REVH* | Adabas Review hub system messages. | *REVH* - Adabas Review Hub Messages* |
| RTP* | Adabas Review Trans-port messages. | *RTP* - Adabas Review Trans-port Messages* |
| RVCL* | Adabas Review Batch Client Reporting (REVCLRP) Messages | *RVCL* - Adabas Review Batch Client Reporting (REVCLRP) Messages* |
| SAF* | Adabas SAF Security Kernel messages | *SAF* - SAF Daemon Messages* |
| SEFM* | Adabas SAF Security (ADASAF) and SAF Security Kernel operator console and command messages. | *SEFM* - ADASAF SAF Interface and SAF Security Kernel Messages* |
| SEL* | ADASEL utility messages | *ADASEL Utility Messages* |
| SM-PIN* | Adabas messages for the plug-in (PIN) modules of the error handling and message buffering facility | *SM-PIN* - PIN Routine Messages* |
| SRT* | Adabas ADACHK utility sort processing. | *ADACHK Utility SRT* Sort Messages* |
| UEX* | Messages issued to the operator console by the Sample User Exit 12 routine. | *UEX12* - Messages by Sample User Exit 12* |
| WARNING-* | ADARUN parameter warning messages | *ADARUN Statement/Parameter Messages* |

# II Message Prefix Reference by Product

# 4 Message Prefix Reference by Product

The following table groups messages by Adabas product. Bear in mind that messages produced by Adabas components may appear during the processing of its add-ons and companion products, such as Entire Net-Work.

| Product | Prefix | Read |
|---|---|---|
| Adabas | AAUD* | *AAUD* - AUDITLOG Messages* |
| | ADACM* | *ADATCP Messages (Prefix ADACM)* |
| | ADAH* | *ADAH* Dump Formatter Status Messages* |
| | ADAI* | *ADAI* - ADAIOR System Messages* |
| | ADAK* | *ADAK* System Messages* |
| | ADAL* | *ADAL* - Command Log (CLOG) System Messages* |
| | ADAM* | *ADAM* -- ADAMPM System Messages* |
| | ADAN* | *ADANnn Console Messages* |
| | ADAR* | *ADAR* System Messages* |
| | ADAS* | *ADAS* (Adabas SVC) System Messages* |
| | ADASM* | *ADASM* Adabas SMF Processing Messages* |
| | ADAU* | *ADAU* Utility Status Messages* |
| | CHK* | *ADACHK Utility CHK* Messages* |
| | COX* | *COX* Universal Encoding System Conversion (UES) Errors* |
| | CRV* | *ADACHK Utility CRV* Decompression Messages* |
| | DRU* | *ADADRU Utility Messages* |
| | error-* | *ADARUN Statement/Parameter Messages* |
| | ERROR-001 through ERROR-120 | *Errors Common to All Utilities* |
| | ERROR-121 through ERROR-* | *ADACDC Utility Messages* |
| | ERROR-121 through ERROR-* | *ADACMP Utility Messages* |

| Product | Prefix | Read |
|---|---|---|
| | ERROR-121 through ERROR-* | *ADACNV Utility Messages* |
| | ERROR-121 through ERROR-* | *ADADBS Utility Messages* |
| | ERROR-121 through ERROR-* | *ADADEF Utility Messages* |
| | ERROR-121 through ERROR-* | *ADAFRM Utility Messages* |
| | ERROR-121 through ERROR-* | *ADAINV Utility Messages* |
| | ERROR-121 through ERROR-* | *ADALOD Utility Messages* |
| | ERROR-121 through ERROR-* | *ADAMER Utility Messages* |
| | ERROR-121 through ERROR-* | *ADAMTR Utility Messages* |
| | ERROR-121 through ERROR-* | *ADAMTS Utility Messages* |
| | ERROR-121 through ERROR-* | *ADAORD Utility Messages* |
| | ERROR-121 through ERROR-* | *ADAPLP Utility Messages* |
| | ERROR-121 through ERROR-* | *ADARAI Utility Messages* |
| | ERROR-121 through ERROR-* | *ADAREP Utility Messages* |
| | ERROR-121 through ERROR-* | *ADARES Utility Messages* |
| | ERROR-121 through ERROR-* | *ADARPE Utility Messages* |
| | ERROR-121 through ERROR-* | *ADARPL Utility Messages* |
| | ERROR-121 through ERROR-* | *ADARPP Utility Messages* |
| | ERROR-121 through ERROR-* | *ADASAV Utility Messages* |
| | ERROR-121 through ERROR-* | *ADAULD Utility Messages* |
| | ERROR-121 through ERROR-* | *ADAWRK Utility Messages* |
| | ERROR-121 through ERROR-* | *ADAZAP Utility Messages* |
| | ERROR-121 through ERROR-* | *ADAZIN Utility Messages* |
| | MLC* | *our licensing Messages* |
| | PARM-ERROR* | *Nucleus Startup Error Messages* |
| | PLI* | *PLI* - ADACOM Initialization Messages* |
| | PLX* | *PLX* - ADACLU Messages* |
| | PL6* | *PL6* - PRILOG Print Program Messages* |
| | SEL* | *ADASEL Utility Messages* |
| | SM-PIN* | *SM-PIN* - PIN Routine Messages* |
| | SRT* | *ADACHK Utility SRT* Sort Messages* |
| | WARNING-* | *ADARUN Statement/Parameter Messages* |
| | — | *Adabas Checkpoints* |
| | — | *User Abend Codes* |
| | — | *Nucleus Response Codes* |
| | — | *Utility Return Codes* |

| Product | Prefix | Read |
|---|---|---|
| | — | *Universal Encoding System (UES) Component Error Codes* |
| Adabas Administration Service | AAS* | *AAS* - Adabas Administration Service Messages* |
| Adabas Analytics | ADAA* | *ADAA* - Adabas Analytics Messages* |
| Adabas Cache Facility | CWARN* | *CWARN* - Caching Facility Error Messages* |
| Adabas Cluster Services | ADAX | *ADAX* - Adabas Cluster Nucleus Messages* |
| Adabas Delta Save | DSF* | *DSF* - Delta Save Facility Messages* |
| Adabas Fastpath | AFP* | *AFP* - Adabas Fastpath Messages* |
| Adabas Parallel Services | DSP* | *DSP* - Cluster Data Space (ADADSP) Messages* |
| | ADAX* | *ADAX* - Adabas Cluster Nucleus Messages* |
| Adabas Review | ACLX* | *ACLX* - Adabas Review ADALNK Messages* |
| | ADAQ* | *ADAQ* - Adabas Review Hub Messages* |
| | AREV* | *AREV* - Adabas Review Hub Messages* |
| | ARMT* | *ARMT* - Adabas Review Hub Messages* |
| | ARMX* | *ARMX* - Adabas Review Interface Messages* |
| | ARST* | *ARST* - Adabas Review Hub Messages* |
| | ARSX* | *ARSX* - Adabas Review Hub Messages* |
| | ARVU* | *ARVU - Adabas Review Hub Messages* |
| | LNKRVX* | *LNKRVX* Adabas Review Link Routine Messages* |
| | REV00* | *Adabas Review 00xxx Messages* |
| | REV20* | *Adabas Review 20xxx Messages* |
| | REVH* | *REVH* - Adabas Review Hub Messages* |
| | RTP* | *RTP* - Adabas Review Trans-port Messages* |
| | RVCL* | *RVCL* - Adabas Review Batch Client Reporting (REVCLRP) Messages* |
| Adabas SAF Security | AAF* | *AAF* - Adabas SAF Security Messages* |
| | ADAE* | *ADAE* Adabas SAF Security (ADASAF) Messages* |
| | SEFM* | *SEFM* - ADASAF SAF Interface and SAF Security Kernel Messages* |
| | — | *SAF Return Codes* |
| | — | *SAF Internal Function Codes* |

| Product | Prefix | Read |
|---|---|---|
| Adabas SAF Security Kernel | SAF* | *SAF* - SAF Daemon Messages* |
| | SEFM* | *SEFM* - ADASAF SAF Interface and SAF Security Kernel Messages* |
| | — | *SAF Return Codes* |
| | — | *SAF Internal Function Codes* |
| Adabas System Coordinator | CAS* | *CAS* - Adabas System Coordinator Cluster Application Service Messages* |
| | COR* | *COR* - Adabas System Coordinator Kernel Messages* |
| | CORD* | *CORD* - Adabas System Coordinator Daemon Messages* |
| | POP* | *POP* - Adabas System Coordinator Server Component Messages* |
| Adabas Transaction Manager | ATM* | *ATM* - Adabas Transaction Manager Messages* |
| | error-* | *Adabas Transaction Manager Error Codes* |
| Adabas Vista | AVI* | *AVInnn - Adabas Vista Database Processing Messages* |
| | AVI-* | *AVI-xxxx-xx - Adabas Vista Processing Messages* |
| Adabas for zIIP | ADAZ* | *ADAZ* - ADAZIP System Messages* |
| Event Replicator for Adabas | ADAF* | *ADAF* - Event Replicator for Adabas Messages* |
| | ARF* | *Adabas Event Replicator Subsystem Messages* |
| | ARXM* | *ARXM* - Event Replicator for Adabas Messages for Event Replicator Target Adapter* |

# III

# 5 ADARUN Statement/Parameter Messages

The Adabas ADARUN statements and parameters define the nucleus operating environment. The error messages that can result from ADARUN statements and parameters are described in this section. These messages have the following format:

```
ADARUN error-nn,message-text
```

where *nn* is the message number and *message-text* describes the error. All ADARUN error messages are accompanied by a user abend 35 (abnormal end without a dump) code.

For information regarding ADARUN parameter syntax, refer to the *Adabas Operations Manual*.

| | |
|---|---|
| **Error-1** | **I/O error Reading DDCARD** |
| **Explanation** | A job control (JCL) error occurred. |
| **Action** | Correct the error and rerun the job. |

| | |
|---|---|
| **Error-2** | **Unknown module** |
| **Explanation** | The library allocation JCL is incorrect. |
| **Action** | Correct the error and rerun the job. |

| | |
|---|---|
| **Error-3** | **Keyword ADARUN missing** |
| **Explanation** | The ADARUN parameter statement is missing the literal "ADARUN" at the beginning of the statement. |
| **Action** | Add the ADARUN keyword and rerun the job. |

**Error-5** **Invalid parameter syntax**

**Explanation** One of the following errors has occurred:

- An ADARUN input line was encountered without a valid parameter.
- A delimiter is missing between ADARUN parameters.
- A parameter value is missing.
- A parameter value is too long.
- The numeric value specified for the ADARUN parameter is too large.
- An invalid unit indicator has been specified for a numeric parameter.
- An invalid hexadecimal string has been specified.
- Too many values have been specified in a list of values.
- A parameter keyword is missing.

**Action** Correct the error and rerun the job.

**Error-6** **Ambiguous keyword {ambkey}**

**Explanation** ADARUN detected an ambiguous keyword (*ambkey*) in its specifications.

**Action** Correct the error and rerun the job.

**Error-7** **Unknown keyword {keyword}**

**Explanation** ADARUN detected the invalid keyword shown in the message (*keyword*).

**Action** Correct the error and rerun the job.

**Error-8** **Error loading module {modname}**

**Action** ADARUN detected a nonzero return code from the operating system's load function.

**Action** Refer to any related ADAI*nn* or other messages for the specific return code value, then refer to the appropriate operating system information to determine what action to take.

**Error-9** **ADARUN not called from USER program**

**Explanation** ADARUN was *not* called by a user program but the ADARUN PROGRAM parameter was specified with a value of "USER" or "RENTUSER".

**Action** Correct the JCL or control statements and rerun the job.

**Error-20** **Wrong AMODE-24 for RMODE-31**

**Explanation** ADARUN detected one or more loaded modules linked with RMODE={ANY | 31} while it runs in AMODE=24.

**Action** Check the load library and either relink modules linked with AMODE=24 to AMODE={ANY | 31}, or relink modules linked with RMODE=ANY to RMODE=24.

**Error-21** **Inconsistent CLUSTER parameter**

**Explanation** ADARUN detected an inconsistent CLUSTER parameter setting:

- Invalid CLUSTER or CLUCACHEUNCHANGED parameter,
- CLUSTER=SYSPLEX or LOCAL, and NUCID=0,
- CLUSTER=NO (default) but NUCID is nonzero, or
- CLUCACHEUNCHANGED=YES but CLUSTER is not LOCAL.

**Action** Correct the error and rerun the job.

**Error-22** **Inconsistent NPLOG or NCLOG parameter**

**Explanation** ADARUN detected an inconsistent parameter:

- Both NPLOG/NCLOG and DUALPLD/DUALCLD are specified; or
- PPLOGDEV/CLOGDEV and PLOGSIZE/CLOGSIZE are specified but NPLOG/NCLOG is not specified; or
- UEX2 together with NPLOG/NCLOG instead of UEX12 was found in the ADARUN parameters.
- UEX12 together with DUALPLD/DUALPLC instead of UEX2 was found in the ADARUN parameters.
- The CLOGMAX or CLOGBMAX parameter setting is smaller than 368 bytes.

**Action** Correct the error and rerun the job.

**Error-23** **Invalid value for parameter {parmname}**

**Explanation** ADARUN detected an invalid or inconsistent value for the parameter listed in the message (*parmname*).

**Action** Correct the error and rerun the job.

| | |
|---|---|
| **Error-25** | **Version mismatch in one or more modules** |
| **Explanation** | One or more Adabas modules loaded by ADARUN have different version/release/patch-level indicators (or in some cases, version/release indicators) than ADARUN itself. The mismatching modules are listed in preceding "ADARUN Warning: Mismatching version indicators in module *xxxxxx*" messages, where *xxxxxx* is the load module name.<br><br>ADARUN terminates with the Error-25 only if the Adabas SAF Security add-on product is installed. |
| **Action** | Provide a load library (or concatenation of load libraries) where all Adabas modules belong to the same Adabas version, release and patch-level, or for add-on products, the same version and release level. |

| | |
|---|---|
| **Error-29** | **Loaded modules do not support ENCRYPTION** |
| **Explanation** | The Adabas load library is not correct and does not fully support Adabas Encryption, Adabas Auditing or Adabas SAF Security 8.3. Either the ADAIOR/IOS modules do not support Adabas Encryption or some of the required maintenance in the nucleus and utilities is missing. |
| **Action** | Review and correct the JOBLIB/STEPLIB concatenation or combined load library, as per the installation instructions for Adabas Encryption. Ensure that all zaps required for Adabas Encryption, Adabas Auditing or Adabas SAF Security 8.3 have been applied. |

# IV Adabas Checkpoints

# 6 Adabas Checkpoints

Checkpoint names starting with "SYN"" are reserved for the Adabas nucleus and utilities, as described in:

- SYNC -- A synchronized checkpoint made during nucleus initialization, including the status of the ADARUN IGNDIB and FORCE parameters.
- SYNF -- A checkpoint taken by a user program or utility that requires exclusive (EXF) control of one or more files.
- SYNP -- A checkpoint from a utility that requires privileged control. Such a utility can perform updating without using the Adabas nucleus.
- SYNS (mainframe only) -- A checkpoint from Adabas Online System (SYSAOS), ADADBS, or the nucleus. The table below identifies the source. The function identified by this checkpoint is implemented without user intervention during regeneration.

  Exceptions include a second SYNS 5B recorded at the end of a nucleus session, SYNS 60 recorded at an interval specified by the ADARUN INTNAS parameter, and SYNS 61 recorded when more space is allocated for a file.
- SYNV (mainframe only) -- Indicates that a volume ID changed during sequential write to a data set is being closed.
- SYNX -- A checkpoint from a utility requiring exclusive control (EXU) of one or more files.
- SYN1 (mainframe only) -- A checkpoint made at the beginning of online ADASAV execution (SAVE database function).
- SYN2 (mainframe only) -- A checkpoint made at the end of online ADASAV execution (SAVE database function).
- SYN4 (mainframe only) -- A checkpoint made at the beginning of online ADASAV execution (SAVE files operation).
- SYN5 (mainframe only) -- A checkpoint made at the end of online ADASAV execution (SAVE files operation).

The following table describes the checkpoints written by the Adabas nucleus or utilities:

| Type | Name | Originator | Description |
|---|---|---|---|
| 01 | SYNC | ADANUC | Written by nucleus at start of nucleus session. |
| 01 | SYNF | User/Utility | User/utility session OPEN with files used in EXF (exclusive use) mode. |
| 01 | SYNS | ADANUC | Written by the starting of a second or subsequent Parallel Services or Cluster Services nucleus. |
| 01 | SYNX | EXU user | EXU user open. |
| 02 | SYNV | ADANUC | VOLSER entry. Written at volume switch on DDSIBA and at the end of the session if sequential logging is used. |
| 03 | SYNF | User/Utility | Close checkpoint for an EXF user. |
| 03 | SYNX | EXU | Close checkpoint for an EXU user. |
| 05 | SYN4 | ADASAV | SAVE file(s)-start of operation with nucleus active. |
| 05 | SYN5 | ADASAV | SAVE file(s)-end of operation with nucleus active. |
| 05 | SYNP | ADASAV | SAVE file(s)-start of operation |
| 06 | SYN1 | ADASAV | SAVE database-start of operation with nucleus active. |
| 06 | SYN2 | ADASAV | SAVE database-end of operation with nucleus active. |
| 06 | SYNP | ADASAV | SAVE database-start of operation |
| 07 | SYNP | ADASAV | RESTORE file(s)-end of operation |
| 08 | SYNP | ADASAV | RESTPLOG-end of operation |
| 09 | SYNV | ADASAV | SAVE file(s), VOLSER entry. Written at volume change on DDSAVE and at SAVE-operation end. |
| 0A | SYNV | ADASAV | SAVE database, VOLSER entry. Written at volume switch on DDSAVE and at SAVE-operation end. |
| 0B | SYN1 | ADASAV | SAVE DELTA-start of operation with nucleus active |
| 0B | SYN2 | ADASAV | SAVE DELTA-end of operation with nucleus active |
| 0B | SYNP | ADASAV | SAVE DELTA-end of operation |
| 0C | SYNP | ADASAV | RESTORE DELTA-end of operation |
| 0D | SYNP | ADASAV | MERGE-end of operation |
| 0E | SYNV | ADASAV | SAVE DELTA, VOLSER entry |
| 0F | SYNV | ADASAV | MERGE, VOLSER entry |
| 10 | SYNP | ADAINV | COUPLE files |
| 11 | SYNP | ADAINV | INVERT field(s) |
| 15 | SYNP | ADAORD | REORDER Associator database |
| 16 | SYNP | ADAORD | REORDER Data Storage database |
| 17 | SYNP | ADAORD | REORDER database |
| 18 | SYNP | ADAORD | REORDER Associator file |
| 19 | SYNP | ADAORD | REORDER Data Storage file |

| Type | Name | Originator | Description |
|---|---|---|---|
| 1A | SYNP | ADAORD | REORDER file |
| 1B | SYNP | ADAORD | STORE |
| 1C | SYNP | ADAORD | RESTRUCTURE |
| 1D | SYNP | ADADEF | DEFINE NEWWORK |
| 1E | SYNP | ADADEF | MODIFY (default character encodings, timezone) |
| 22 | SYNX | ADARES | REGENERATE file |
| 23 | SYNX | ADARES | BACKOUT file |
| 24 | SYNX | ADARES | REGENERATE all; CPEXLIST lists excluded files |
| 25 | SYNX | ADARES | BACKOUT all; CPEXLIST lists excluded files |
| 26 | SYNP | ADARES | REPAIR Data Storage |
| 27 | SYNP | ADARES | COPY function sucessfully completed |
| 27 | SYNV | ADARES | COPY sequential protection log |
| 28 | SYNP | ADARES | PLCOPY function successfully completed |
| 28 | SYNV | ADARES | PLCOPY dual or multiple protection log |
| 29 | SYNP | ADARES | ADARES CLCOPY function successfully completed. |
| 29 | SYNV | ADARES | CLCOPY dual or multiple command log |
| 2A | SYNP | ADARES | PLCOPY MERGE function successfully completed |
| 2A | SYNV | ADARES | PLCOPY MERGE dual or multiple protection log |
| 2B | SYNP | ADARES | CLOG MERGE function successfully completed |
| 2B | SYNV | ADARES | CLOG MERGE dual or multiple command log |
| 30 | SYNP | ADALOD | LOAD file |
| 31 | SYNP | ADALOD | Mass update |
| 35 | SYNX | ADAULD | Unload file |
| 3F | SYNP | ADAZAP | Successful VERIFY - REPLACE |
| 40 | SYNS | SYSAOS | Add extent |
| 41 | SYNS | SYSAOS | CHANGE default field length |
| 42 | SYNS | SYSAOS | DECREASE database size |
| 44 | SYNS | SYSAOS | Delete file |
| 45 | SYNS | SYSAOS | INCREASE database size |
| 47 | SYNS | SYSAOS | RECOVER space |
| 48 | SYNS | SYSAOS | Refresh file |
| 49 | SYNS | SYSAOS | Remove component file from expanded-file chain |
| 4A | SYNS | SYSAOS | Release descriptor |
| 4B | SYNS | SYSAOS | RENAME file |
| 4C | SYNS | SYSAOS | RENUMBER file |
| 4D | SYNS | SYSAOS | RESET DIB |

| Type | Name | Originator | Description |
|---|---|---|---|
| 4E | SYNS | SYSAOS | Reuse ISN |
| 4F | SYNS | SYSAOS | Reuse Data Storage |
| 50 | SYNS | SYSAOS | UNCOUPLE files |
| 51 | SYNS | SYSAOS | ALLOCATE file extent |
| 52 | SYNS | SYSAOS | DEALLOCATE file extent |
| 53 | SYNS | SYSAOS | Delete checkpoint |
| 54 | SYNS | SYSAOS | Set user priority |
| 55 | SYNS | SYSAOS | Modify FCB |
| 57 | SYNS | SYSAOS | DEFINE file |
| 58 | SYNS | SYSAOS | Write FDT |
| 59 | SYNS | SYSAOS | DEFINE new field |
| 5B | SYNS | ADADBS | Write refreshed statistics (some or all per user request) |
| 5B | SYNS | ADANUC | Write (all) statistics at end of nucleus session |
| 5C | SYNS | SYSAOS | CHANGE default field format |
| 5D | SYNS | SYSAOS | Change file encoding |
| 5E | SYNS | ADADBS | ADADBS REPTOR function (refer to your Event Replicator for Adabas documentation) |
| 60 | SYNS | ADANUC | Nucleus statistic checkpoint |
| 61 | SYNS | ADANUC | Allocate file space |
| 64 | SYNS | ADASCR | Protect files |
| 65 | SYNS | ADASCR | Protect fields |
| 66 | SYNS | SYSAOS | Link component file into expanded-file chain |
| 67 | SYNS | NUCLEUS | Session start with IGNDIB=YES |
| 68 | SYNS | SYSAOS | Set USERISN on/off |
| 69 | SYNS | SYSAOS | Set MIXDSDEV on/off |
| 6A | SYNS | SYSAOS | Install Delta Save DLOG area |
| 6B | SYNS | SYSAOS | Change Delta Save DLOG area |
| 6C | SYNS | SYSAOS | Remove Delta Save DLOG area |
| 6D | SYNS | ADANUC | NUC-ZAP was used |
| 6E | SYNS | ADADBS | ADADBS REPLICATION function (refer to your Event Replicator for Adabas documentation) |
| 6F | SYNS | SYSAOS | Online process initiated |
| 70 | SYNS | SYSAOS | Online invert process |
| 71 | SYNS | SYSAOS | Online reorder process |
| 73 | SYNC | ADANUC | Nucleus (nuclei) successfully quiesced. |
| 74 | SYNC | ADANUC | Nucleus (nuclei) have resumed normal processing. |
| 75 | SYNS | ADANUC | Delete heuri-user-entry after Response 72 was detected during nucleus startup. |

| Type | Name | Originator | Description |
|---|---|---|---|
| 76 | SYNS | ADANUC | Delete heuri-user-entry after Response 72 was detected during nucleus session. |
| 77 | SYNS | ADADBS | Enable spanned record support. |
| 78 | SYNS | ADADBS | Enable or disable extended MU or PE fields |
| 7A | SYNS | ADADBS | Delete field from the FDT |
| 7B | SYNS | ADANUC | Logically delete a descriptor |
| 7C | SYNS | SYSAOS | Set file status: READONLY mode |
| 7D | SYNS | ADADBS | Add or delete CLOG |
| 7E | SYNS | ADADBS | Add or delete PLOG |
| 7F | SYNS | ADANUC | Change fields |
| 81 | SYNS | ADANUC | Modify FCB |
| 82 | SYNS | ADANUC | Online add or increase of an ASSO or DATA data set |
| 83 | SYNS | ADANUC | Autoincrease of an ASSO or DATA data set |
| 84 | SYNS | SYSAOS | AOSLOG information with user ID |
| 85 | SYNS | ADADBS | ADADBS AUDITING function |
| 86 | SYNS | ADADBS | ADADBS AUDITSERVER function |

# V

# 7 Adabas Console Messages (ADAN* & ADACM*)


- ADATCP messages ADACM* messages ADATCP Messages (Prefix ADACM) ..... 118

The following messages may be displayed on the operator console during an Adabas session. Each message number is followed first by either:

- "ADAB" for Adabas SVC module messages; or
- the database identification (DBID) of the physical database for which the message applies.

Then follows the error date and time and finally the message text. The console messages have the same general format:

```
ADANnn dbid yyyy-mm-dd hh:mm:ss message text
```

Because of space restrictions, the message descriptions are shown here without the database ID and date/time portion of the message.



**Note:** Some message numbers have been assigned to more than one message text.

**ADAN01** **Adabas ({vv . r . s}) is active**
**Mode = {single | multi}**
**Running {with | without} recovery-log**
**With Two-Phase-Commit Support**
**As Transaction Manager**
**READONLY=YES**
**UTIONLY=YES**
**ADABAS Auditing V({x.x.x}) is active**
**ADABAS Auditing Server V({x.x.x}) is active**
**ADABAS replication V({x.x.x}) is active**
**ADABAS Replicator V({x.x.x}) is active**

**Explanation** The Adabas nucleus at release level *v.r.s* has been initiated successfully. Multi- or single-user mode is indicated; whether the nucleus is running with or without the Adabas Recovery Aid (ADARAI) log; whether the nucleus is initiated with two-phase-commit support, or as the transaction manager. Also indicated is whether the Adabas nucleus is initiated with either READONLY or UTIONLY mode enabled; whether Adabas Auditing or Replication are enabled; the status of the auditing server and the replicator on startup of the nucleus.

**ADAN02** **Nucleus-run {with | without} protection log**

**Explanation** The Adabas nucleus session has been initiated and database protection logging either has or has not been specified. The subsequent execution of the REGENERATE and BACKOUT functions of the ADARES utility for any updates applied during the session is only possible when protection logging has been specified. However, transaction recovery for ET logic users is not affected by PLOG specification since data protection information for such users is still maintained on the Adabas Work file.

**ADAN03** **Adabas coming up**

**Explanation** Adabas session initialization is in progress.

**ADAN03** **Initializing NUCID={nnnnn} INTNUCID={xx}**

**Explanation** Initialization is in progress for the specified external nucleus ID (*nnnnn*) with the specified internal nucleus ID (xx). This message is useful for determining the internal system-assigned nucleus ID associated with the external user-assigned NUCID.

**ADAN04** **Abnormal end due to Work overflow**

**Explanation** The Adabas nucleus detected an overflow condition on the Work data set that could not be rectified by normal Adabas backout processing. The Adabas session was therefore terminated abnormally.

**Action** **In a non-cluster environment:**

When running in a non-cluster environment, the quickest way to recover the database is to run an ADARES REGENERATE from the last protection log data sets at the time of the abend. The regenerate should start at the checkpoint created by the last ADASAV SAVE operation or the last nucleus start (SYN2 or SYNC checkpoint). This way of recovery is valid if no ADADBS (or AOS) DELETE FILE, RENUMBER FILE, ADAORD STORE OVERWRITE, or ADASAV RESTORE/RESTONL OVERWRITE functions were performed after the start checkpoint of the ADARES REGENERATE run.

An alternative way to recover the database that is always valid is to run an ADASAV RESTORE/RESTONL from the last database save, followed by an ADARES REGENERATE starting at the checkpoint created by that SAVE operation.

**In a cluster environment (Adabas Cluster Services or Adabas Parallel Services):**

When running in a cluster environment, the remaining active nuclei will perform an online recovery process. The failed nucleus can simply be restarted to continue processing after the online recovery.

If the online recovery process also gets a Work overflow, all remaining active nuclei will go down, too. In this case, any of the cluster nuclei that have not yet gotten a Work overflow can be started in an attempt to recover the database. Alternatively, or if this fails, a new nucleus can be added to the cluster. Its Work data set needs to be the same size as those of the other nuclei in the cluster and its LP parameter should be set as high as possible within that size. The failed nuclei can be restarted after the recovery has succeeded.

If all else fails, the database can be recovered as described above for the non-cluster environment.

**ADAN05** **Warning. Now it is too late to copy DDPLOGR{n}**
**FROMBLK={blk1}, FROMTIME={timestamp1}**
**TOBLK ={blk2}, TOTIME={timestamp2}**
**ERROR obtaining timestamp information**
**IOR function = X'{nn}', response = X'{nn}'**

**Explanation** Adabas has begun to write data protection log data to the data set identified by DDPLOGR*n*. This means that the data set can no longer be copied to tape for subsequent use as input to the REGENERATE or BACKOUT functions of the ADARES utility. A user exit 2 (dual log processing) or a user exit 12 (multiple log processing) call either was not made or did not successfully copy the DDPLOGR*n* data set with the ADARES utility.

Normally, the from and to blocks and the from and to timestamps being overwritten are given in the message. The last two lines are printed only if an error occurs when the nucleus determines the contents of the PLOG that is about to be overwritten.

**ADAN05** **I/O error on PLOGR{n}**

**Explanation** An I/O error occurred on the dual or multiple protection log data sets. The Adabas nucleus terminates abnormally with user abend 21.

**ADAN06** **Number of HQEs = {nnn}**

**Explanation** This message is displayed in response to the operator command DNH. The number of ISNs currently in the Adabas hold queue is represented by "nnn".

**ADAN06** **I/O error on SIBA**

**Explanation** An I/O error occurred on sequential protection log SIBA. If the nucleus runs with PLOGRQ=YES or FORCE, the nucleus terminate with user abend 22; otherwise, the SIBA is set to DUMMY and processing continues without protection logging.

**ADAN07** **SIBA is set to DUMMY**

**Explanation** This message may follow an ADAN06 message.

**ADAN08** **Current HQ is empty**
**Current HQ**
**File={file}, ISN={isn}, {Secondary}, {shared}**
**User={user}, SecUID={'{secuid}'| ' '}**
**Job='{jobname}', TID='{tid}'**
**...{num} more users**
**{n} out of {m} HQEs displayed**

**Explanation** This message is produced in response to DHQ and DHQA operator commands. The response consists of a header line followed by one or more file/ISN detail sections. Each file/ISN detail section is followed by information about the user who holds the

ISN. When there are no active hold queue elements, the response is the single "Current HQ is empty" line.

The following table describes the possible substitutions provided in the message for each hold queue element.

| Message Substitutions | Description |
|---|---|
| *file* | The file number. |
| *isn* | The record's Internal Sequence Number (ISN). |
| *jobname* | The name of the job from which the user issued Adabas calls. |
| *m* | The total number of active hold queue elements. |
| *n* | The number of hold queue elements displayed. |
| *num* | If all users were not displayed, this shows the number remaining. |
| *secuid* | The user's system security user ID (or logon ID). If none is available, the value ' ' (a blank space between two single quotes) displays. |
| *shared* | The term "Shared" is displayed if this file/ISN is not exclusive to a single user. |
| *Secondary* | The term "Secondary" is displayed if this file/ISN is a secondary ISN of a spanned record. |
| *tid* | The last eight bytes of the communication ID. If the user is hosted by a TP monitor, often a terminal ID or user ID is shown here. For a batch user, an STCK timestamp is shown. If this ID is comprised of printable hexadecimal characters it will appear in quotes, otherwise it will appear in alphanumeric characters. |
| *user* | The Adabas-assigned internal user ID. This is unique within a single Adabas nucleus. |

**ADAN09** **Number of UQEs = {nnn}**

**Explanation** This message is displayed in response to the operator command DNU. "nnn" indicates the number of user queue elements currently active.

**ADAN11** **Current UQ**
**User={user},SecUID={'{secuid}'| ' '}**
**Comm-ID={communication-id}**
**Job='{jobname}',TID='{tid}'**
**ETID='{etid}',Type={type},Status={status}**
**Session={session-min}, Inactive={inactive-sec }**
**File list has {count} files [(restricted)]:**
**{file}({acctype}),…**
**No UQEs selected for display**
**-- {n} out of {m} UQEs displayed**
**Current UQ is empty**

**Explanation** This message is displayed in response to the DUQ, DAUQ, DUQA, DUQE, and DUUQE operator commands. Not every line of this message will appear; the actual text of the message is determined by the actual command that is issued.

- The "Current UQ is empty" line appears when there are no active user queue elements.
- The "Current UQ" header line appears only in responses to the DUQ, DAUQ, and DUQA commands.
- The optional "(restricted)" text is displayed if you issued an OP command with Command Option 1 set to "R" and is restricted to using only the listed files.
- The "No UQEs selected for display" line appears in DUQA, DUQE and DDUQE command responses when no UQEs satisfy the filter criterion.

The following table describes the possible substitutions provided in the message for each user queue element.

| Message Substitutions | Description |
|---|---|
| *acctype* | The file access type:<br>■ **A**: ET user reading the file or access-only user (ACC)<br>■ **F**: Exclusive file control (EXF)<br>■ **P**: Privileged (utilities and Adabas Online System)<br>■ **S**: Online file save<br>■ **U**: ET user updating the file (UPD)<br>■ **X**: Exclusive-update file control (EXU) |
| *communication-id* | The 28-byte communication ID in hexadecimal. This appears only in DUQE responses. |
| *count* | The quantity of file numbers in the following file list. The file list appears only in DUQE responses. |
| *etid* | The user's ETID (specified in the Additions-1 field of the OP command) or "None" if no ETID is present. |
| *file* | The file number. Repeated for each file in the user's file list. |

| Message Substitutions | Description |
|---|---|
| *inactive-sec* | The time in seconds (rounded down) since the user's last command was selected for processing. |
| *jobname* | The name of the job from which the user issued Adabas calls. |
| *m* | The total number of active UQEs. |
| *n* | The number of UQEs displayed. This trailer line appears only in DUQ, DAUQ, DUQA and DUUQE responses. |
| *secuid* | The user's system security user ID (or logon ID). If none is available, the value ' ' (a blank space between two single quotes) displays. |
| *session-min* | The time in minutes (rounded down) since the user session started. |
| *status* | The user status:<br>■ **ET**: ET logic user at ET status<br>■ **Heur**: Two-phase commit transaction heuristically terminated<br>■ **HR-BT**: Two-phase commit transaction heuristically backed out<br>■ **HR-ET**: Two-phase commit transaction heuristically committed<br>■ **OK**: None of the above<br>■ **PET**: Two-phase commit transaction with preliminary ET done, waiting for final ET.<br>■ **T-Out**: User timed out, response code 9 pending<br>■ **Trans**: ET logic user in a transaction (holding ISNs)<br>■ **WK4**: Two-phase commit transaction in PET status, copied to Work part 4 |
| *tid* | The last eight bytes of the communication ID. If the user is hosted by a TP monitor, often a terminal ID or user ID is shown here. For a batch user, an STCK timestamp is shown. If this ID is comprised of printable hexadecimal characters it will appear in quotes, otherwise it will appear in alphanumeric characters. |
| *type* | The user type:<br>■ **2PC**: ET logic user during two-phase commit<br>■ **ACC**: Access-only user<br>■ **ET**: ET logic user<br>■ **EXF**: Exclusive file control user<br>■ **EXU**: Exclusive-update file control user<br>■ **UTI**: Utility or Adabas Online System (AOS) user |

| Message Substitutions | Description |
|---|---|
| *user* | The Adabas-assigned internal user ID. This is unique within a single Adabas nucleus. |

**ADAN13** **Number of posted CQEs = {nnn}**

**Explanation** This message is displayed in response to the DNC operator command. "nnn" indicates the number of posted command queue elements.

**ADAN14** **Current CQ is empty**
**Cmd={command}, File={file}, Len={len}**
**Seq-Nr={seqnr}, Status={status}**
**Time={num} sec ago, SecUID={'{secuid}'\| ' '}**
**Job='{jobname}', TID='{tid}'**
**-- {cqecount} CQEs displayed**

**Explanation** This message is displayed in response to DCQ operator commands. The response consists of a header line followed by one or more detail sections describing active CQEs and a trailer line. When there are no active command queue elements, the response is the single "Current CQ is empty" line.

The following table describes the possible substitutions provided in the message for each command queue element.

| Message Substitutions | Description |
|---|---|
| *command* | The two-character Adabas command code. |
| *cqecount* | The number of command queue elements displayed. |
| *file* | The file number. |
| *jobname* | The name of the job from which the user issued Adabas calls. |
| *len* | The total length of the user's buffers and control structures passed to the nucleus through the attached buffer pool. |
| *num* | The time in seconds (rounded down) since this command was added to the command queue. |
| *secuid* | The user's system security user ID (or logon ID). If none is available, the value ' ' (a blank space between two single quotes) displays. |
| *seqnr* | The command sequence number |
| *status* | The command status. The following values are possible:<br>■ **Done**: The command is complete and waiting for the user to retrieve the results.<br>■ **Commit**: An ET command is waiting for protection data to be written to the Work data set and the PLOG. |

| Message Substitutions | Description |
|---|---|
| | ■ **Wait-I**: The command is waiting for an ISN held by another user.<br>■ **Wait-S**: The command is waiting for space in the workpool.<br>■ **Wait-C**: The command is waiting for other commands.<br>■ **Trig**: A precommand triggered procedure is running.<br>■ **Ready**: The command is ready to be selected.<br>■ **Active**: The command is being processed.<br>■ **None**: The command status cannot be determined. This may occur when the CQE is being built or released. |
| *tid* | The last eight bytes of the communication ID. If the user is hosted by a TP monitor, often a terminal ID or user ID is shown here. For a batch user, an STCK timestamp is shown. If this ID is comprised of printable hexadecimal characters it will appear in quotes, otherwise it will appear in alphanumeric characters. |

**ADAN15** **LBP-size too small for the number of threads**

**Explanation** The specified or available buffer pool space may not be large enough for the number of threads specified by the ADARUN NT parameter. This message is a warning. Adabas allocates 50 kilobytes per thread and processing continues.

**Action** Either increase the buffer pool size (specified by the ADARUN LBP parameter) or decrease the thread count (with the ADARUN NT parameter). Restart Adabas. If the error occurs again, allocate more address space for the Adabas nucleus and check the session I/O statistics for buffer efficiency.

**ADAN16** **{ADARUN-parameter-settings}**

**Explanation** This message is displayed on the console in response to the operator command DPARM. The current setting for each ADARUN parameter specified for an Adabas nucleus is given using this message number.

**Action** No action is required for this informational message.

**ADAN17** **{dbid} {yyyymmdd} {hh:mm:ss} {adabas-statistic}**

**Explanation** This message is displayed in response to the operator command DSTAT. Various Adabas statistics appear for *adabas-statistic*, including statistics such as the number of Associator, Data Storage, and Work read and write I/Os and buffer flush statistics.

**ADAN18** **THN={nnn}, ST={status}, USE={ccc}**

**Explanation** In response to the operator command DTH, shows the following information for each thread:

| | | |
|---|---|---|
| *nnn* | thread number | |
| *status* | thread status: | |
| | AA | Active |
| | RR | Ready to run |
| | UU | Unused |
| | WAP | Waiting for asynchronous post |
| | WE | Waiting for event |
| | WHQ | Waiting for hold queue space |
| | WI | Waiting for I/O |
| | WSP | Waiting for workpool space |
| | WLF | Waiting for logical buffer flush |
| | WPF | Waiting for physical buffer flush |
| | WP2 | Waiting for PLOG write I/O |
| | WQE | Waiting for queued event |
| | WRB | Waiting for RABN |
| | WSE | Waiting for simple event |
| | WTI | Waiting for time elapse |
| | WW2 | Waiting for WORK write I/O |
| | W* | Waiting for other event |
| *ccc* | count of commands processed by the thread | |

**ADAN19** **Buffer flush is asynchronous**

**Explanation** This message and the asynchronous buffer flush occur when the ADARUN LFIOP parameter specifies a nonzero value.

**ADAN1A**

**ASSO:**
**VOLSER High RABN**
**{volser high-rabn}**
**Reads {rrrr}**
**Writes {wwww}**
**ASSO total:**
**Reads {rrrr}**
**Writes {wwww}**
**DATA:**
**VOLSER High RABN**
**{volser high-rabn}**
**Reads {rrrr}**
**Writes {wwww}**
**DATA total:**
**Reads {rrrr}**
**Writes {wwww}**
**Total:**
**Reads**
**Writes {wwww}**

**Explanation** This message is used to display statistics about the number of ASSO and DATA I/Os by volume serial (VOLSER) number. The number of reads and writes to each volume is displayed. This message is printed as output for the operator command DVOLIO.

**Action** No action is required for this informational message.

**ADAN1B**

**File Commands**
**{{file cmd count}}...**
**Total {totalcount}**

**Explanation** This message is used to display statistics about the number of commands by file. This message is printed as output for the operator command DFILESTAT.

**Action** No action is required for this informational message.

**ADAN1C**

**Type Commands**
**{{command count}...}**
**Total {totalcount}**

**Explanation** This message is used to display statistics about the distribution of commands by type.

**Action** No action is required for this informational message.

**ADAN1D** **Error {operation file rc system code}**

**Explanation** An error occurred using file *file*. The *operation* may be either opening, closing or writing. The ADAIOR return code is *rc* and *system code* is any operating system return code.

**Action** If you are unable to resolve the error, contact your technical support representative.

**ADAN1U** **{ccccc} license check failed: setting {ppppp}=NO**

**Explanation** When product license check did not pass, the product *ppppp* with product code *ccccc* was disabled in a utility or nucleus session.

**Action** In order to activate the product, provide a valid license from the start or - provided that the product supports this - during a nucleus session by replacing the old license file or load module and issue a LICREFRESH operator command.

**ADAN1V** **Adabas is now executing in TCB mode**

**Explanation** In response to the operator command ZIIP=NO, this message indicates the Adabas nucleus is now executing in TCB mode (disabling the use of System z Integrated Information Processors). The ZIIP parameter value was changed to NO, from YES.

**Action** No action is required for this informational message.

**ADAN1W** **Adabas is already executing in TCB mode**

**Explanation** In response to the operator command ZIIP=NO, this message indicates the Adabas nucleus was already executing in TCB mode (disabling the use of System z Integrated Information Processors). The ZIIP parameter value was not changed; it had already been NO.

**Action** No action is required for this informational message.

**ADAN1X** **Adabas is now executing in SRB mode**

**Explanation** In response to the operator command ZIIP=YES, this message indicates the Adabas nucleus is now executing in SRB mode (enabling the use of System z Integrated Information Processors). The ZIIP parameter value was changed to YES, from NO.

**Action** No action is required for this informational message.

**ADAN1Y** **Adabas is already executing in SRB mode**

**Explanation** In response to the operator command ZIIP=YES, this message indicates the Adabas nucleus was already executing in SRB mode (enabling the use of System z Integrated Information Processors). The ZIIP parameter value was not changed; it had already been YES.

**Action** No action is required for this informational message.

**ADAN1Z** **zIIP-related statistics:**
**Adabas is executing in {SRB | TCB} mode**
**… (CPU consumption statistics for Adabas address space) …**
**… (CPU consumption statistics for Adabas enclave) …**
**… (SRB/TCB use statistics) …**
**… (extended pause/release statistics) …**
**… (type-of-work statistics) …**
**… (processor-related statistics) …**

**Explanation** In response to the operator command DZSTAT, these messages display the zIIP-related statistics of Adabas.

The first line shows the current execution mode: "SRB" (execution on zIIP enabled) or "TCB" (execution on zIIP disabled).

The following statistics correspond and are equivalent to the zIIP-related statistics at the end of the nucleus session statistics. See *Understanding the zIIP-Related Statistics* in the *Adabas for zIIP* documentation for detailed information about the various statistical figures.

**Action** No action is required for this informational message.

**ADAN20** **ONLINE-DB-SAVE started**
**PLOG-NR={session-number}, BLK-NR={block-number}**
**VOLSER-NR={volume}**

**Explanation** Online execution of the ADASAV utility's SAVE database function has started. The message shown above occurs for both database and file SAVEs and specifies the following:

| | |
|---|---|
| *session-number* | the number of the session with which SAVE begins. |
| *block-number* | the RABN block that specifies the SYN1 starting point of the SAVE. |
| *volume* | the current SIBA volume/serial number. |

**Action** Save this session/RABN information and the related PLOG and other SAVE output for later ADASAV restore activity.

**ADAN21** **Protection log DDPLOGRN started**

**Explanation** Adabas is now ready to begin writing data protection information to the dual or multiple data protection log identified by DDPLOGRn.

**Action** Execute the PLCOPY function of the ADARES utility at this time.

**ADAN22** **File dump online started**
**DATASET-NR={session-number}, BLK-NR={block-number}**
**VOLSER_NR={volser}**

**Explanation** The online ADASAV SAVE FILE execution has begun. The SAVE operation begins with session *session-number*, using the SYN4 start point indicated by RABN *block-number*.

**Action** Save this session/RABN information and the related PLOG and SAVE output for later ADASAV RESTORE activity.

**ADAN23** **{online process} {started | partially done | done | stopped | terminated with error} {process-type}, FNR={fnr}, DE={aa}**

**Explanation** An online process has started, is ongoing or has completed, terminated due to an error, or was stopped. The type of process is displayed, as well as the file number and details about the process as appropriate.

**ADAN24** **DISPLAY PPT RABNs {nnnn} TO {mmmm}**

**Explanation** In response to operator command DPPT (Display PPT), this and subsequent messages show the contents of the Participating Plex-ID Table (PPT).

**ADAN25** **DIB block is currently empty**
**JOBNAME={jobname}, STARTTIME={hh:mm:ss} , LID={userid}**

**Explanation** In response to operator command DDIB (display DIB block), this message either indicates an empty DIB block or provides the following DIB information:

| | |
|---|---|
| *jobname* | job name |
| *hh:mm:ss* | job start time |
| *userid* | user ID assigned in the OP command |

**ADAN26** **Files locked={file-number}, ...**

**Explanation** In response to the DDIB operator command, this message displays the *file-number* of a file that is locked because it is being used by an Adabas utility.

**ADAN27** **{dbid date time} Release DE**

**Explanation**

| | |
|---|---|
| Release done, FNR=*fnr* DE=*de* | The Release Descriptor function at the end of an aborted online invert process has released the incomplete descriptor *de* for file *fnr*. |
| Release DE terminated due to error FNR=*fnr* DE=*de* RESPONSE=*rsp* | The Release Descriptor function at the end of an aborted online invert process has failed with response code *rsp* to release descriptor *de* for file *fnr*. |
| Function terminated | The Release Descriptor function at the end of an aborted online invert process has finished. If the online invert was processing an expanded file, the Release Descriptor function has been performed on all component files of the expanded file. |

After an online invert function was aborted due to an error (reported in an earlier ADAN23 message), a Release Descriptor function was started automatically. The Release Descriptor finished successfully or with another error.

**Action**

If the Release Descriptor finished with an error, determine the state of the descriptor in the file. If the online invert and Release Descriptor were working on an expanded file, determine the state of the descriptor in all component files of the expanded file.

**ADAN28** **Resource Size Current Highwater for Interval Statistics**

**Explanation**

In response to the DRES operator command, the first line of the message is a text header line. The second and subsequent lines of the message will display the resource name, allocated size or value, current usage value, and the highest usage value reached ("high water mark") in the current interval for the following resources:

| Resource Name | Description | Associated Parameter |
|---|---|---|
| AB - Pool | Attached buffer table. | NAB |
| AUD - Pool | Auditing Pool (only with Adabas Auditing) | LAP |
| CQ - Pool | Command queue. | NC |
| DUQ - Pool | Unique descriptor pool. | LDEUQP |
| FI - Pool | Internal format buffer pool. | LFP |
| HQ - Pool | Hold queue. | NH |
| Plog-IO B | PLOG I/O buffers. | NPLOGBUFFERS |
| Redo - Pool | Cluster redo pool.<br><br>This is only displayed for Adabas cluster environments. | LRDP |
| RPL - Pool | Replication pool.<br><br>This is only displayed for Event Replicator for Adabas environments. | LRPL |
| Sec - Pool | Security pool. | LCP |

| Resource Name | Description | Associated Parameter |
|---|---|---|
| TBI - Pool | Table of ISNs. | LI |
| TBS - Pool | Table of sequential commands. | LQ |
| UQ - Pool | User queue. | NU |
| UQF - Pool | UQ file list pool. | NU |
| Wrk1 - IO B | Work I/O buffers. | NWORK1BUFFERS |
| WORK - Pool | Work pool. | LWP |
| Work Part1 | Work Part 1.<br><br>**Note:** The maximum pool value of Work part 1 is derived from the LP parameter. It corresponds to the maximum number of blocks a transaction can spend on Work Part 1 before Adabas decides to back it out. | LP |
| Work Pt 1b | Work Part 1 extension.<br><br>This is only displayed for Adabas cluster environments. | CLUWORK1CACHE |
| Work Part2 | Work Part 2. | LWKP2 |
| Work Part3 | Work Part 3. | |
| XID -Pool | XID -Pool.<br><br>This is only displayed for Adabas Transaction Manager environments. | NU |

The following is an example of the messages produced. The database ID and actual values shown in the example are variable, depending on the database and situation.

```
ADAN28 01015 2024-02-09 20:01:02 Resource       Size     Current ↩
   Highwater
ADAN28 01015 2024-02-09 20:01:02 AB  -Pool   20480000          ↩
N/A        48640
ADAN28 01015 2024-02-09 20:01:02 AUD -Pool    2097152          ↩
232          232
ADAN28 01015 2024-02-09 20:01:02 CQ  -Pool      38400           ↩
0          192
ADAN28 01015 2024-02-09 20:01:02 DUQ -Pool      20480           ↩
0            0
ADAN28 01015 2024-02-09 20:01:02 FI  -Pool     100000           ↩
0            0
ADAN28 01015 2024-02-09 20:01:02 HQ  -Pool      52000           ↩
0            0
ADAN28 01015 2024-02-09 20:01:02 Plog-IO B       1000           ↩
0            1
ADAN28 01015 2024-02-09 20:01:02 Redo-Pool    4194304           ↩
0            0
ADAN28 01015 2024-02-09 20:01:02 RPL -Pool    1048576          ↩
```

```
200          200
ADAN28 01015 2024-02-09 20:01:02 Sec -Pool    1048576           ↩
0            0
ADAN28 01015 2024-02-09 20:01:02 TBI -Pool    2097152           ↩
0            0
ADAN28 01015 2024-02-09 20:01:02 TBS -Pool     100000           ↩
0            0
ADAN28 01015 2024-02-09 20:01:02 UQ  -Pool     37856        1092 ↩
        1092
ADAN28 01015 2024-02-09 20:01:02 UQF -Pool       9984           ↩
72           72
ADAN28 01015 2024-02-09 20:01:02 Wrk1-IO B         1            ↩
0            1
ADAN28 01015 2024-02-09 20:01:02 WORK-Pool    8388608          ↩
128        56200
ADAN28 01015 2024-02-09 20:01:02 Work Part1      3000           ↩
0            1
ADAN28 01015 2024-02-09 20:01:02 Work Pt 1b         0           ↩
0            0
ADAN28 01015 2024-02-09 20:01:02 Work Part2       500           ↩
0            0
ADAN28 01015 2024-02-09 20:01:02 Work Part3      9990           ↩
0            0
```

**ADAN29** **(No) users stopped**

**Explanation** In response to the STOPI operator command, this message displays either as "users stopped" or "no users stopped", depending on the action performed by the STOPI command.

**ADAN2A** **Overwriting PPT entry for NUCID={nnnnn}**

**Explanation** There are already 32 entries in the parallel participant table. The nucleus ID entry specified was inactive and is being overwritten.

**ADAN2B** **Different work data set was detected**

**Explanation** A Work data set was specified that is different from the one used in the previous session. This message is displayed only when the previously used Work data set contains a pending autorestart.

**ADAN2C** **Unable to open or read previous work data set**

**Explanation** A Work data set was specified that is different from the one used in the previous session. An attempt to read the Work data set used in the previous session to search for a pending autorestart failed.

**ADAN2D** **Caution - pending autorestart detected**

**Explanation** A Work data set was specified that is different from the one used in the previous session. The previously used Work data set was read and contains a pending autorestart. The ADAI63 message identifies the previous Work data set.

**ADAN2E** **Warning - PLOG datasets have changed. PPT overwritten.**
**Use ADARES PLCOPY NOPPT to copy previous PLOG datasets.**

**Explanation** The protection log (PLOG) data sets have changed from the previous session and the previous PLOG data sets have not been copied. Because FORCE=YES was not specified, the parallel participant table (PPT) entry for these data sets has been overwritten.

**Action** we recommend that you use the ADARES PLCOPY NOPPT function to copy the PLOGs from the previous session.

**ADAN2F** **Warning: FST overflow - run ADAORD REORDB**
**{ASSO|DATA} element deleted: RABNs {x,xxx,xxx,xxx} –{ x,xxx,xxx,xxx}**

**Explanation** An attempt to add an extent to the Free Space Table (FST) was unsuccessful because the free space has become highly fragmented. Some free space could not be added and is therefore unavailable.

**Action** The ADAORD REORDER DB utility function will compress free space and reconstruct the FST.

**ADAN2G** **Resource Size Current Highwater Date/Time for Interval Statistics**

**Explanation** In response to the DRES operator command with the TS sub-parameter specified, the first line of the message is a text header line. The second and subsequent lines of the message will display the resource name, allocated size or value, current usage value, the highest usage value reached ("high water mark"), and the recorded date/time of the high watermark in the current interval for the different resources listed in the ADAN28 message description.

The following is an example of the messages produced. The database ID and actual values shown in the example are variable, depending on the database and situation.

```
ADAN2G 01015 Resource        Size      Current    Highwater Date ↩
      Time
ADAN2G 01015 AB  -Pool    20480000          N/A         48640 ↩
2024-02-09 19:58:19
ADAN2G 01015 AUD -Pool     2097152          232           232 ↩
2024-02-09 19:58:09
ADAN2G 01015 CQ  -Pool       38400            0           192 ↩
2024-02-09 20:13:22
ADAN2G 01015 DUQ -Pool       20480            0             0 ↩
0000-00-00 00:00:00
ADAN2G 01015 FI  -Pool      100000            0             0 ↩
0000-00-00 00:00:00
ADAN2G 01015 HQ  -Pool       52000            0             0 ↩
2024-02-09 19:58:09
ADAN2G 01015 Plog-IO B        1000            0             1 ↩
2024-02-09 19:58:08
ADAN2G 01015 Redo-Pool     4194304            0             0 ↩
0000-00-00 00:00:00
ADAN2G 01015 RPL -Pool     1048576          200           200 ↩
2024-02-09 19:58:19
ADAN2G 01015 Sec -Pool     1048576            0             0 ↩
0000-00-00 00:00:00
ADAN2G 01015 TBI -Pool     2097152            0             0 ↩
0000-00-00 00:00:00
ADAN2G 01015 TBS -Pool      100000            0             0 ↩
0000-00-00 00:00:00
ADAN2G 01015 UQ  -Pool       37856         1092          1456 ↩
2024-02-09 20:13:22
ADAN2G 01015 UQF -Pool        9984           72           144 ↩
2024-02-09 20:13:22
ADAN2G 01015 Wrk1-IO B           1            0             1 ↩
2024-02-09 19:58:08
ADAN2G 01015 WORK-Pool     8388608          128         56200 ↩
2024-02-09 19:58:08
ADAN2G 01015 Work Part1       3000            0             1 ↩
0000-00-00 00:00:00
ADAN2G 01015 Work Pt 1b          0            0             0 ↩
0000-00-00 00:00:00
ADAN2G 01015 Work Part2        500            0             0 ↩
0000-00-00 00:00:00
ADAN2G 01015 Work Part3       9990            0             0 ↩
0000-00-00 00:00:00
```

**ADAN2H** **Resource Size Current Highwater for Session Statistics**

**Explanation** In response to the DRES operator command with the SESSION sub-parameter specified, the first line of the message is a text header line. The second and subsequent lines of the message will display the resource name, allocated size or value, current usage value, and the highest usage value reached ("high water mark") in the current session for the different resources listed in the ADAN28 message description.

The following is an example of the messages produced. The database ID and actual values shown in the example are variable, depending on the database and situation.

```
ADAN2H 01015 2024-02-09 20:28:43 Resource       Size     Current ↩
   Highwater
ADAN2H 01015 2024-02-09 20:28:43 AB  -Pool   20480000          ↩
N/A        48640
ADAN2H 01015 2024-02-09 20:28:43 AUD -Pool    2097152          ↩
232          232
ADAN2H 01015 2024-02-09 20:28:43 CQ  -Pool      38400           ↩
0          192
ADAN2H 01015 2024-02-09 20:28:43 DUQ -Pool      20480           ↩
0            0
ADAN2H 01015 2024-02-09 20:28:43 FI  -Pool     100000           ↩
0            0
ADAN2H 01015 2024-02-09 20:28:43 HQ  -Pool      52000           ↩
0            0
ADAN2H 01015 2024-02-09 20:28:43 Plog-IO B       1000           ↩
0            2
ADAN2H 01015 2024-02-09 20:28:43 Redo-Pool    4194304           ↩
0            0
ADAN2H 01015 2024-02-09 20:28:43 RPL -Pool    1048576          ↩
200          200
ADAN2H 01015 2024-02-09 20:28:43 Sec -Pool    1048576           ↩
0            0
ADAN2H 01015 2024-02-09 20:28:43 TBI -Pool    2097152           ↩
0            0
ADAN2H 01015 2024-02-09 20:28:43 TBS -Pool     100000           ↩
0            0
ADAN2H 01015 2024-02-09 20:28:43 UQ  -Pool     37856        1092 ↩
        1456
ADAN2H 01015 2024-02-09 20:28:43 UQF -Pool       9984           ↩
72          144
ADAN2H 01015 2024-02-09 20:28:43 Wrk1-IO B          1           ↩
0            1
ADAN2H 01015 2024-02-09 20:28:43 WORK-Pool    8388608          ↩
128        56200
ADAN2H 01015 2024-02-09 20:28:43 Work Part1      3000           ↩
0            1
ADAN2H 01015 2024-02-09 20:28:43 Work Pt 1b         0           ↩
0            0
ADAN2H 01015 2024-02-09 20:28:43 Work Part2       500           ↩
0            0
```

```
ADAN2H 01015 2024-02-09 20:28:43 Work Part3      9990            ↩
0            0
```

**ADAN2I** **Resource Size Current Highwater Date/Time for Session Statistics**

**Explanation** In response to the DRES operator command with both the TS sub-parameter specified and SESSION sub-parameter specified, the first line of the message is a text header line. The second and subsequent lines of the message will display the resource name, allocated size or value, current usage value, the highest usage value reached ("high water mark"), and the recorded date/time of the high watermark in the current session for the different resources listed in the ADAN28 message description.

The following is an example of the messages produced. The database ID and actual values shown in the example are variable, depending on the database and situation.

```
ADAN2I 01015 Resource        Size      Current    Highwater Date ↩
      Time
ADAN2I 01015 AB  -Pool   20480000          N/A        48640 ↩
2024-02-09 19:58:19
ADAN2I 01015 AUD -Pool    2097152          232          232 ↩
2024-02-09 19:58:09
ADAN2I 01015 CQ  -Pool      38400            0          192 ↩
2024-02-09 20:28:22
ADAN2I 01015 DUQ -Pool      20480            0            0 ↩
0000-00-00 00:00:00
ADAN2I 01015 FI  -Pool     100000            0            0 ↩
0000-00-00 00:00:00
ADAN2I 01015 HQ  -Pool      52000            0            0 ↩
2024-02-09 20:28:22
ADAN2I 01015 Plog-IO B       1000            0            2 ↩
2024-02-09 20:28:22
ADAN2I 01015 Redo-Pool    4194304            0            0 ↩
0000-00-00 00:00:00
ADAN2I 01015 RPL -Pool    1048576          200          200 ↩
2024-02-09 19:58:19
ADAN2I 01015 Sec -Pool    1048576            0            0 ↩
0000-00-00 00:00:00
ADAN2I 01015 TBI -Pool    2097152            0            0 ↩
0000-00-00 00:00:00
ADAN2I 01015 TBS -Pool     100000            0            0 ↩
0000-00-00 00:00:00
ADAN2I 01015 UQ  -Pool      37856         1092         1456 ↩
2024-02-09 20:13:22
ADAN2I 01015 UQF -Pool       9984           72          144 ↩
2024-02-09 20:13:22
ADAN2I 01015 Wrk1-IO B          1            0            1 ↩
2024-02-09 19:58:08
ADAN2I 01015 WORK-Pool    8388608          128        56200 ↩
2024-02-09 19:58:08
ADAN2I 01015 Work Part1      3000            0            1 ↩
```

```
0000-00-00 00:00:00
ADAN2I 01015 Work Pt 1b         0            0            0 ↩
0000-00-00 00:00:00
ADAN2I 01015 Work Part2       500            0            0 ↩
0000-00-00 00:00:00
ADAN2I 01015 Work Part3      9990            0            0 ↩
0000-00-00 00:00:00
```

**ADAN2J** **Session statistics are not available**

**Explanation** In response to the DRES operator command with the SESSION sub-parameter specified, this is a notification that the session stats have not yet been generated through an ADADBS REFRESH. At this point, the interval and the session are the same. After displaying this message, Adabas will use the appropriate message layout to print the interval statistics.

The following is an example of the messages produced. The database ID and actual values shown in the example are variable, depending on the database and situation.

```
ADAN2J 01015 2024-02-09 20:25:36 Session statistics are not yet ↩
generated
ADAN2J 01015 2024-02-09 20:25:36 Displaying interval statistics... ↩

ADAN28 01015 2024-02-09 20:25:36 Resource       Size     Current ↩
   Highwater
ADAN28 01015 2024-02-09 20:25:36 AB  -Pool   20480000          ↩
N/A        48640
ADAN28 01015 2024-02-09 20:25:36 AUD -Pool    2097152          ↩
232          232
… ADAN28 continues

OR

ADAN2J 01015 2024-02-09 20:27:29 Session statistics are not yet ↩
generated
ADAN2J 01015 2024-02-09 20:27:29 Displaying interval statistics... ↩

ADAN2G 01015 Resource        Size      Current    Highwater Date ↩
      Time
ADAN2G 01015 AB  -Pool   20480000          N/A        48640 ↩
2024-02-09 19:58:19
ADAN2G 01015 AUD -Pool    2097152          232          232 ↩
2024-02-09 19:58:09
… ADAN2G continues
```

**ADAN30** **FILES={nn}({type})[,{nn}({type})] ...**
**A-Files={nn}**
**No files locked**

**Explanation** In response to the operator command DLOCKF, this message displays the files that have been locked by LOCKF, LOCKU, LOCKX, or ALOCKF (if any). Different versions of this message appear, depending on the results. For file locked by LOCKF, LOCKU, or LOCKX, the type of lock (*type*) is displayed after the file number (*nn*). Possible types are:

| Type | Description |
|---|---|
| F | The file was locked by LOCKF. |
| U | The file was locked by LOCKU. |
| X | The file was locked by LOCKX. |

Files locked by ALOCKF (advanced file locks) are identified with the "A-Files=*nn*" version of this console message. Finally, if no files are locked, the "No files locked" message appears.

**Action** No action is necessary for this informational message.

**ADAN31** **Current file usage by user**
**File={file},{usage-counters }**
**User={user},SecUID={'{secuid}'| ' '}**
**Job='{jobname}',TID='{tid }'**
**{... n} more users**

**Explanation** This message is produced in response to DFILES operator commands. The response consists of a header line followed by one or more detail sections describing active files and any active users of the files. Up to five users of each file are displayed. The following table describes the possible substitutions provided in the message for each file.

| Message Substitutions | Description |
|---|---|
| *file* | The file number. |
| *jobname* | The name of the job from which the user issued Adabas calls. |
| *n* | This line will appear only if there are more than five users of a file. Only the first five users are displayed |
| *secuid* | The user's system security user ID (or logon ID). If none is available, the value ' ' (a blank space between two single quotes) displays. |
| *tid* | The last eight bytes of the communication ID. If the user is hosted by a TP monitor, often a terminal ID or user ID is shown here. For a batch user, an STCK timestamp is shown. If this ID is comprised of printable hexadecimal characters it will appear in quotes, otherwise it will appear in alphanumeric characters. |

| Message Substitutions | Description |
|---|---|
| *usage counters* | Counts of the number of users using the file in each access mode. If there are no users, the phrase "is not being used" is displayed. Note that a single user may be using multiple access modes for a given file.<br>■ ACC=*u*: Number of users reading the file.<br>■ UPD=*u*: Number of users updating the file.<br>■ EXU=*u*: Number of users with exclusive update access to the file.<br>■ UTI=*u*: Number of utilities working with the file. |
| *user* | The Adabas-assigned internal user ID. This is unique within a single Adabas nucleus. |

**Action** No action is necessary for this informational message.

**ADAN33** **FILE={n}, USAGE={n}**
**FILE={n} is not used**

**Explanation** In response to the operator command DFILUSE, this message displays the number of active commands (USAGE=n) for the specified file (FILE=n), or that the specified file does not exist in the database.

**ADAN34** **No users stopped**

**Explanation** In response to operator command STOPF, this message indicates that no users were active when the command was issued.

**ADAN35** **online processes:**
**{process-type} SORTSEQ={file=fnr}, CUR-RABN={rabn-nr}, CUR-ISN={isn}**
**ID={x'nnnnnnnn}', {active | suspended}**

**Explanation** In response to the operator command DONLSTAT, this message lists all online processes present in the nucleus session, the kind of process, the file number, the current RABN or ISN (depending on the function), the ID of the process, and whether the process is active or suspended.

**ADAN36** **Dataset={dsn}**
**{n}LOG number {x} has been {{deleted}|{added}}**

**Explanation** A CLOG or PLOG data set has been dynamically added or deleted by an ADADBS utility function or using the Adabas Online System (AOS). The CLOG or PLOG data set name (*dsn*) and number (*x*) are given in the message.

**ADAN41** **Function completed**

**Explanation** The command or function issued was completed successfully.

**ADAN42** **Function accepted**

**Explanation** The command issued was accepted by Adabas.

**ADAN43** **Invalid type-in: {request}**

**Explanation** Either the request *request* was invalid or it was not correctly entered.

**Action** Check the request/command syntax and validity, then retry the request.

- A request to end a nucleus session with DUMP is invalid, and should not be retried.
- An operator command to change the cache space parameters for a file (CFILE) that has an existing cache space is invalid. It is necessary to first delete the existing cache space and then add a new one with different parameters.

**ADAN44** **Function not executed**

**Explanation** Adabas could not perform the function because of

- space restrictions;
- a conflict between the requested command/function and the system status.

**Action** Check for other related messages, correct any previously indicated errors, then retry the operation. Otherwise, contact your DBA, system support personnel, or Software GmbH technical support.

**ADAN45** **{various}**

**Explanation** Various message texts are provided with message ADAN45:

| ADAN45 Message Text | Explanation | Action |
|---|---|---|
| Online process not found | The process specified in the request or command is either not active or not known to the system. | Verify that the specified process is valid. |
| Suspe.by I-STATE waiting for post | The requested process is currently suspended. | Verify that the specified process is valid. |
| Transaction Manager not active | The Adabas Transaction Manager must be active for the specified function. | Verify that the Adabas Transaction Manager is active. |
| User does not exist | The user specified in the request or command is either not active or not known to the system. | Verify that the specified user ID is valid. |

**ADAN46** **Function not executable**

**Explanation** The requested function/command was valid but could not be executed. This message occurs preceded by one of the following ADAN46 messages, which provide reasons why the current nucleus status does not allow the requested function:

| ADAN46 Message Text | Explanation | Action |
|---|---|---|
| ADASAV is running (DIB-entry found) | The READONLY=NO request was rejected because an ADASAV SAVE is running. | Wait until the ADASAV utility is finished, then retry the command. |
| AUTOINC*xxxx*SIZE is less than one track | The autoincrease size for *xxxx* (ASSO or DATA) was specified in blocks, but the size was smaller than the number of blocks per track. In z/OS environments, the minimum extent size is one track. | Specify a size that is either zero (to disable autoincrease for the component) or the minimum number of blocks for one full track. |
| AUTOINC*xxxx*TOTAL=*nnnn* is invalid<br>current *xxxx*SIZE=*zzzz* | The value specified for the AUTOINC*xxxx*TOTAL operator command is invalid because it is less than the current allocated space in component *xxxx*. (The value of *xxxx* is either "ASSO" or "DATA".)<br><br>The AUTOINC*xxxx*TOTAL value should be greater than the size currently allocated. | Specify a valid value for AUTOINC*xxxx*TOTAL and try again. |

| ADAN46 Message Text | Explanation | Action |
|---|---|---|
| AUTOINC*xxxx*TOTAL=*nnnn* is too big | The value specified for the AUTOINC*xxxx*TOTAL operator command is invalid because it is too large. The value exceeds 2,147,483,647 blocks or 16,777,215 blocks (3-byte RABNs). (The value of *xxxx* is either "ASSO" or "DATA".) | Specify a valid value for AUTOINC*xxxx*TOTAL and try again. |
| Command supported only on z/OS | AUTOINC* operator commands are currently only supported in z/OS environments. | No action is required for this informational message. |
| Command permitted only for cluster nuclei | The requested function was rejected because this function is only supported by a nucleus running in cluster mode. | No action is required for this informational message. |
| DSF is set to NO | The DDSF request was rejected because the nucleus is started with DSF=NO parameter. | Restart the nucleus with DSF=YES. |
| ET-Synchronization is already running | The SYNCC request was rejected because ET-Synchronization process is already running. | |
| Failed to acquire global parameter lock | An error occurred when a nucleus running in Adabas cluster mode attempted to acquire the global parameter lock in order to change a global Adabas parameter. The parameter was not changed. | Contact your technical support representative. |
| File is already locked | The ALOCKF request was rejected because the requested file is already locked. | No action is required for this informational message. |
| File is not locked | The RALOCKF request was rejected because the requested file is not locked. | No action is required for this informational message. |
| Function not executable | The requested function could not be run because is | Make sure you are trying to perform the |

| ADAN46 Message Text | Explanation | Action |
|---|---|---|
| | only supported in z/OS environments. | function in a z/OS environment. |
| Internal command pending for the user | The STOPU request was rejected because an internal command is running for this user (user is not selectable). | |
| LOGGING is set to NO | The requested function was rejected because the LOGGING parameter is set to NO. | Set LOGGING to YES before executing the command. |
| No free CLOGs | The FEOFCL request was rejected because no free CLOGs are available. | Run ADARES CLCOPY and then retry the command. |
| No free PLOGs | The FEOFPL request was rejected because no free PLOGs are available. | Run ADARES PLCOPY and then retry the command. |
| No online save is running | The RFDUMPST or RDUMPST request was rejected because no online save is running. | No action is required for this informational message. |
| Not supported for a Replicator | The UTIONLY=YES request is not supported on Replicators or Audit Servers. | No action is required for this informational message. |
| Not supported for Audit Server | The UTIONLY=YES request is not supported on Replicators or Audit Servers. | No action is required for this informational message. |
| Not yet supported by Cluster Services | The version of Cluster Services you are running does not support the requested function. The function is supported only by a nucleus running in noncluster mode. | No action is required for this informational message. |
| NUCID in PPT changed (Internal Error) | The READONLY=NO request was rejected because of an unexpected change in the PPT. | Contact your technical support representative for assistance. |
| Nucleus is a Resource Manager (RM) | The READONLY request was rejected because the nucleus is a resource manager. | A resource manager cannot be switched to READONLY status. |

| ADAN46 Message Text | Explanation | Action |
|---|---|---|
| Nucleus is in READONLY status | The ALOCKF or RALOCKF request was rejected because the nucleus is in READONLY status. | First switch READONLY status to NO, then retry the command. |
| Nucleus is a Transaction Manager (TM) | The READONLY request was rejected because the nucleus is a transaction manager. | A transaction manager cannot be switched to READONLY status. |
| Nucleus is in UTIONLY status | The READONLY request was rejected because the nucleus is in UTIONLY status. | First switch UTIONLY status to NO, then retry the command. |
| Online process running | The ADAEND request was rejected because an online reorder or online invert process is running. | Request ADAEND again after the online process finishes. Consider using HALT to stop the online process and shut down the nucleus. |
| Online recovery is running | The ADAEND or HALT request was rejected because an online recovery process is running. | Wait until recovery process is finished, then retry the command. |
| PLOGRQ is set to SEL | The FEOFPL request was rejected because PLOGRQ parameter is set to SEL. | |
| Read-Only preparation is running | The UTYONLY=YES or READONLY=NO request was rejected because a readonly preparation is running. | Wait until read-only preparation process is finished, then retry the command. |
| SMGT is set to NO | The SMGT... request was rejected because the nucleus is started with SMGT=NO parameter. | Restart the nucleus with SMGT=YES. |
| TCPIP is set to NO | The TCPIP request was rejected because the nucleus is started with TCPIP=NO parameter. | Restart the nucleus with TCPIP=YES. |
| TRANSACTIONS SUSPEND in progress | The requested function was rejected because the ADADBS TRANSACTION SUSPEND is in process. | Wait until the SUSPEND process is finished, then retry the command. |

| ADAN46 Message Text | Explanation | Action |
|---|---|---|
| User is Online Process, use ONLSTOP | The STOPU request was rejected because the user is an online invert or online reorder process. | Use the ONLSTOP command to stop this user instead of STOPU. |
| Utility is running | The READONLY request was rejected because a utility is running. | Wait until the utility is finished, then retry the command. |
| User is waiting for command from ATM | The STOPU request was rejected because the user is waiting for the Adabas Transaction Manager. (ATM) | |
| Utility with exclusive DB control running | The requested function was rejected because a utility with exclusive DB control is running. | Wait until the utility is finished, then retry the command. |
| Work pool currently full | Work pool space for DFILES command could not be acquired. | Wait a minute or two, then retry the command. |

**ADAN47** **Online DUMP-DB is running, function not executed**

**Explanation** A SYNCC, ADAEND, HALT, or CANCEL operator command was issued, but is not permitted during the current online save operation.

**Action** Wait until the online save has ended, then retry the command.

**ADAN47** **Net-work termination target-node due to conflict**

**Explanation** In Entire Net-Work, target node IDs must be unique across all connected systems. If an attempt is made to connect to a target node ID that is not unique, the system terminates abnormally (ADAEND).

**Action** Identify the conflicting node IDs and determine which one is to be active under the specified ID number.

**ADAN48** **File currently in use - function not executed**

**Explanation** A LOCKF, LOCKU, or LOCKX operator command was issued but the file specified is currently in use.

**Action** Wait until the file is no longer in use, then retry the command.

**ADAN48** **File not loaded**

**Explanation** The file specified in the ALOCKF function is not loaded.

**ADAN49** **{{userid} | {jobname}} backed out {during system open | by ADARES } UID={communication-id}**

**Explanation** The last, incomplete transaction of the specified user (or job, if the user is not displayable) has been backed out during Adabas session autorestart or at the end of REGENERATE processing. The user ID (or job name) and communication ID are shown.

The user ID is the user's ET-ID. For users without an ET-ID, "ADAEND" is displayed as their user ID.

The field following UID= is the last 8 bytes of the 28-byte communication ID of the user in hexadecimal format; that is, the terminal ID for an online user or a STCK time stamp for a batch or TSO user.

**Action** None required. This is an information message only. The transaction status of the specified users may need to be checked.

**ADAN4A** **TRANS ET-SYNC point**

**Explanation** ET-SYNC has occurred for the TRANSACTIONS SUSPEND process. This message is followed by the ADAN4E message.

**ADAN4B** **TRANS SUSPEND started TT={time-limit}**

**Explanation** All verifications in the nucleus are complete and the SUSPEND process has started. TT indicates when the transactions will time out. The TT value is derived either from the TTSYN parameter in the ADADBS TRANSACTIONS SUSPEND TTSYN=nn job or the nucleus default ADARUN TT setting.

**ADAN4C** **Transactions TT rejected**

**Explanation** TPC is in effect and there are transactions on PET status. This is followed by the ADAN4B message displaying the original TT value.

**ADAN4D** **TRANS TIMER elapsed**

**Explanation** The timer specified by TRESUME in the ADADBS TRANSACTIONS SUSPEND process has been exceeded. The database returns to normal processing. This message is followed by the ADAN4F message.

**ADAN4E** **Updates stopped. TRESUME={time-limit}**

**Explanation** ET-SYNC has occurred for the SUSPEND function and updates are discontinued until either the RESUME function is issued or the timer specified by TRESUME expires.

**ADAN4F** **Normal processing resumes**

**Explanation** The database once again accepts and processes update commands as a result of either the RESUME function or a timeout.

**ADAN50** **Excluded files: {file1} ...**

**Explanation** This message documents the files that were excluded from autorestart due to the ADARUN AREXCLUDE parameter. These files remain unavailable for normal users and must be recovered (restore - regenerate).

**ADAN51** **{{operator} | {aos-user}} typein: {command}**

**Explanation** Adabas repeats the operator command "command" before continuing. The second message is written for an operator command issued by an Adabas Online System user.

**ADAN52** **Partially inverted descriptor {present | released descriptor={descriptor}, file={fnr}**

**Explanation** During session start, the nucleus detected the specified descriptor of the file *fnr* left over from an incomplete online invert operation. If the previous session terminated abnormally, the nucleus automatically releases the incomplete descriptor.

**Action** If the nucleus did not release the descriptor and no regenerate on the file in question is to follow, release the incomplete descriptor using the AOS or ADADBS RELEASE function.

**ADAN53** **DBID waiting to serialize ({rrrddddd})**

**Explanation** The nucleus is trying to perform an action that only one nucleus or utility can do at a time. Another nucleus or utility is performing a similar action at the moment, so this nucleus must wait. *rrrddddd* identifies the logical resource used for serialization. The resource name comprises three letters followed by five digits representing the database ID. Possible resource names include:

- SSE*ddddd* for serializing nucleus session start and end.
- DIB*ddddd* for serializing DIB updates.
- FST*ddddd* for serializing FST updates.

**Action** None required. This message is for information only.

If the nucleus hangs after displaying this message, another nucleus or utility is blocking the logical resource specified in the message. Identify the other job and either allow it to continue or terminate it.

**ADAN54** **DBID global serialization error ({rrrrrrrr})**
**DBID IOR FUNCTION = {x'ff'}, RESPONSE = {x'cc'}**

**Explanation** An attempt to lock or unlock a logical resource failed. The ADAIOR function number was *ff* (in hexadecimal), its response code *cc* (in hexadecimal). Depending on the circumstances, the nucleus terminates abnormally or ignores the error.

**Action** This is an unexpected error. Contact your technical support representative.

**ADAN55** **Recovery data found on work data set(s)**

**Explanation** During session start (or, with Adabas nucleus clusters, during online recovery), the Adabas nucleus found recovery data on the Work data set (or Work data sets, in the case of nucleus clusters) that is needed to recover the database from a previous failure. The nucleus performs session autorestart logic.

**ADAN56** **Backward repair done**
**Forward repair done**
**Autobackout done**

**Explanation** These message lines are printed when the Adabas nucleus finishes a phase of session autorestart (backward repair, forward repair, autobackout). The statistics (block counts and time durations) indicate how much repair and recovery work has already been done and how much remains to be done.

Session autorestart repairs physical inconsistencies in the database, redoing updates belonging to completed transactions and backing out updates belonging to incomplete transactions.

The following is an example of the messages produced. The database ID and actual values shown in the example are variable, depending on the database and situation.

```
ADAN56 dbid backward repair done
ADAN56 dbid work blocks processed    =             887
ADAN56 dbid work blocks remaining    =           1,269
ADAN56 dbid time used so far         =     00000:00:03


ADAN56 dbid forward repair done
ADAN56 dbid work blocks processed    =           1,774
ADAN56 dbid work blocks remaining    =             382
ADAN56 dbid time used so far         =     00000:00:05

ADAN56 dbid Autobackout done
ADAN56 dbid time used so far         =     00000:00:06
```

**ADAN57** **{various}**

**Explanation** Various message texts can appear for this message number. The explanation and action for each is given in the following table.

| Message Text | Explanation | Action |
|---|---|---|
| WK4 (DTP) GETMAIN failed | A nucleus with support for distributed transaction processing (DTP=RM) was performing the session autorestart after an abnormal termination. The nucleus was trying to allocate virtual storage for the processing of transactions for which the preliminary ET (PET) but not the final ET (FET) had been given. The storage allocation request failed, probably due to insufficient virtual storage being available to the nucleus address space. | Increase the region size, or decrease the size of a large pool (such as the buffer pool -- LBP), and restart the nucleus. |
| WK4-area (DTP) too small | A nucleus with support for distributed transaction processing (DTP=RM) was performing the session autorestart after an abnormal termination. The nucleus was trying to copy transactions to Work part 4 for which the preliminary ET (PET) but not the final ET (FET) had been given. Work part 4 was too small to keep the protection data for all these transactions. | Increase the LDTP parameter and restart the nucleus. |
| WORK4-index too small Increase the LDTP-parm and rerun DTP=RM nucleus: GETMAIN failed Increase the region size and rerun | An error occurred during nucleus startup at the time of DDWORKR4 interpretation. **Note:** DDWORKR4 must be interpreted before the system autorestart is done. | Adjust the startup JCL as requested in the message so DDWORKR4 is interpreted before the system autorestart and rerun the job. |

**ADAN58** **Buffer-flush start record detected during autorestart. The nucleus will terminate after autorestart. In case of power failure, the database might be inconsistent because of partially written blocks. Only in this case, repair the database by restore and regenerate; Otherwise restart the nucleus.**

**Explanation** An autorestart operation found that a buffer flush was being performed when the action that caused the autorestart occurred; the buffer flush was therefore incomplete. The nucleus completes autorestart processing before terminating.

- If the cause of the autorestart was a power failure, the database may be inconsistent in a way that cannot be repaired by autorestart.
- If the cause of the autorestart was not a power failure, the database has already been made consistent and needs only to be restarted.

**Action** If a power failure caused the autorestart and your storage subsystem does not guarantee that no block is partially written, perform the following utility operations to ensure database consistency:

- ADASAV RESTORE (database)
- ADARES REGENERATE

If your storage subsystem technology does guarantee that no block is partially written, even in the case of power failure, there is no need to restore/regenerate after this message is received: simply restart the nucleus.

You may restrict the RESTORE - REGENERATE to the files modified by autorestart (see the ADAN5A message) but be sure to run the REGENERATE FILE with transaction logic (autobackout at the end of the regenerate) by specifying the ADARES parameter CONTINUE.

If the autorestart operation was not caused by a power failure, do not perform the utility operations described above. Simply restart the nucleus.

**ADAN59** **Abend UCODE at address [= module+offset] – AMODE mm**
**{xxxxxxxx_xxxxxxxx yyyyyyyy_yyyyyyyy} (R0-R1)**
**{...}**
**{xxxxxxxx_xxxxxxxx yyyyyyyy_yyyyyyyy} (R14-R15)**

**Explanation** An internal error occurred, which caused the nucleus to terminate abnormally. The message shows the abend code, the address, and the addressing mode. If possible, the message also shows the module and offset, where the error was detected, and the contents of the general registers at that time.

**Action** Contact your technical support representative.

**ADAN5A** **Files modified during autorestart: {none | {file-list} }**

**Explanation** During nucleus startup, an autorestart was performed that modified the files listed in the message text.

**ADAN5B** **Backward repair in progress**

**Explanation** A backward repair was issued and the remaining progress statistics are provided. The statistics indicate how much repair and recovery work has already been done and how much remains to be done. For more information, see *Adabas Restart and Recovery*.

**ADAN5C** **Forward repair in progress**

**Explanation** A forward repair was issued and the completed and remaining progress statistics are provided. The statistics indicate how much repair and recovery work has already been done and how much remains to be done. For more information, see *Adabas Restart and Recovery*.

**ADAN5D** **Autobackout in progress**

**Explanation** An autobackout was issued and is currently in progress. The statistics indicate how much repair and recovery work has already been done and how much remains to be done. For more information, see *Adabas Restart and Recovery*.

**ADAN60** **ARM element {element-name} successfully registered/deregistered**

**Explanation** The ARM ELEMENTNAME parameter has been specified and the nucleus has successfully registered or deregistered this element with the Automatic Restart Manager (ARM).

**ADAN61** **ARM registering /deregistering failed**
**ARM reason code=X"{xxxx}"**

**Explanation** The ARMELEMENTNAME parameter has been specified, but registering or deregistering with the Automatic Restart Manager (ARM) has failed. ARM has returned the reason code shown. The possible reason codes are described in the IBM manual *MVS Programming Sysplex Services Reference*. Common reason codes include:

- X`002C' The ARMELEMENTNAME parameter value is invalid.
- X`013C' The Adabas nucleus has improper SAF authorization to register with ARM.
- X`0150' ARMELEMENTNAME is not unique across the sysplex.
- X`0004' The system does not support ARM.

The nucleus ignores the error and continues processing.

**Action** Look up the meaning of the reason code. If this explains the error, correct it. Otherwise, contact your systems programmer or your technical support representative.

**ADAN62** **FNR={fnr} A= U= ID= CA= CU=**

**Explanation** This message is displayed in response to the DNFV operator command.

- FNR supplies the file number
- A is set to either "Y", indicating that the file is being used by access-only users, or blank, indicating that it is not being used by access-only users.
- U is used in the same way as A, but indicates usage by update users.
- ID shows the ID of the database which has exclusive control over the file
- CA provides the count of how many access-only users are using the file.
- CU is the count of how many update users are using the file.

**ADAN69** **BASE AND LOB FILE ARE OUT-OF-SYNC**
**BASE FNR={base-fnr,} UPDATE STATUS={upd-status1}**
**LOB FNR={lob-fnr}, UPDATE STATUS={upd-status2}**

**Explanation** A LOB file group consisting of a file with LB fields (base file) and a file containing the associated LB field values (LOB file) has become inconsistent. An illogical sequence of utility operations has exported (saved, restructured, unloaded) the files from, and subsequently reimported (restored, stored, loaded, defined) them into the database in a way that the two files no longer reflect the same point in time during processing.

The base and LOB file have gotten out-of-sync. It is possible that the base file contains references to LB field values that should be, but are not, stored in the LOB file. Also, the LOB file may contain LB field values that should be, but are not, referenced by records in the base file.

**Action** Investigate the cause of the base and LOB file getting out-of-sync. Take corrective action, such as reloading or restoring both files, depending on the findings. If necessary, you can use the following function to just mark the two files as being back in sync:

```
ADADBS MODFCB FILE=base-fnr,LOBFILE=lob-fnr
```

**ADAN70** **Retry to switch PLOG/CLOG**

**Explanation** The nucleus is retrying the attempt to switch PLOGs or CLOGs. The retry is performed when the FEOFPL/CL attempt is made and there is currently no free PLOG or CLOG.

**Action** Submit an ADARES PLCOPY or CLCOPY to copy the appropriate data sets.

**ADAN71**

***** Security error *****
**Security system user ID is unknown**
**Job='{jobname}',TID='{tid}'**
**This user's calls are being rejected**

**Explanation**

A user's attempt to submit database calls has failed because the user's security system user ID is unknown. The following table describes the possible substitutions provided in the message.

| Message Substitutions | Description |
|---|---|
| *jobname* | The name of the job from which the user issued Adabas calls. |
| *tid* | The last eight bytes of the communication ID. If the user is hosted by a TP monitor, often a terminal ID or user ID is shown here. For a batch user, an STCK timestamp is shown. If this ID is comprised of printable hexadecimal characters it will appear in quotes, otherwise it will appear in alphanumeric characters. |

This message occurs when the ADARUN SECUID parameter is set to "REQUIRE".

**Action**

Determine why the user's security system user ID is not known to Adabas and resolve the problem. Changing the ADARUN SECUID setting to WARN or ALLOW is one possible solution. For additional assistance, contact your technical support representative.

**ADAN72**

***** Security error *****
**Security system user ID has changed**
**Previous SECUID={'{secuid1}'| ' '},Current SECUID={'{secuid2}'| ' '}**
**Job='{jobname}',TID='{tid}'**
**This user's calls are being rejected**

**Explanation**

A security error occurred because the security system user ID changed. Adabas calls by this user are being rejected. The following table describes the possible substitutions provided in the message.

| Message Substitutions | Description |
|---|---|
| *jobname* | The name of the job from which the user issued Adabas calls. |
| *secuid1* | The user's previous system security user ID (or logon ID). If none is available, the value ' ' (a blank space between two single quotes) displays. |
| *secuid2* | The user's current system security user ID (or logon ID). If none is available, the value ' ' (a blank space between two single quotes) displays. |
| *tid* | The last eight bytes of the communication ID. If the user is hosted by a TP monitor, often a terminal ID or user ID is shown here. For a batch user, an STCK timestamp is shown. If this ID is comprised |

| Message Substitutions | Description |
|---|---|
| | of printable hexadecimal characters it will appear in quotes, otherwise it will appear in alphanumeric characters. |

This message occurs when the ADARUN SECUID parameter is set to "REQUIRE".

**Action** Determine why the user's security system user ID has changed and resolve the problem. For additional assistance, contact your technical support representative.

**ADAN73** **-- Security warning --**
**Security system user ID is unknown**
**Job='{jobname}',TID='{tid}'**
**This user's calls are being allowed**

**Explanation** The security system user ID is unknown, but calls made by the user are being allowed. The following table describes the possible substitutions provided in the message.

| Message Substitutions | Description |
|---|---|
| *jobname* | The name of the job from which the user issued Adabas calls. |
| *tid* | The last eight bytes of the communication ID. If the user is hosted by a TP monitor, often a terminal ID or user ID is shown here. For a batch user, an STCK timestamp is shown. If this ID is comprised of printable hexadecimal characters it will appear in quotes, otherwise it will appear in alphanumeric characters. |

This message occurs when the ADARUN SECUID parameter is set to "WARN".

**Action** Determine why the user's security system user ID is not known to Adabas and resolve the problem. Changing the ADARUN SECUID setting is one possible solution to controlling the display of this message. For additional assistance, contact your technical support representative.

**ADAN74** **-- Security warning --**
**Security system user ID has changed**
**Previous SECUID={'{secuid1}'| ' '},Current SECUID={'{secuid2}'| ' '}**
**Job='{jobname}',TID='{tid}'**
**This user's calls are being allowed**

**Explanation** A security error occurred because the security system user ID changed. Adabas calls by this user are being allowed. The following table describes the possible substitutions provided in the message.

| Message Substitutions | Description |
|---|---|
| *jobname* | The name of the job from which the user issued Adabas calls. |
| *secuid1* | The user's previous system security user ID (or logon ID). If none is available, the value ' ' (a blank space between two single quotes) displays. |
| *secuid2* | The user's current system security user ID (or logon ID). If none is available, the value ' ' (a blank space between two single quotes) displays. |
| *tid* | The last eight bytes of the communication ID. If the user is hosted by a TP monitor, often a terminal ID or user ID is shown here. For a batch user, an STCK timestamp is shown. If this ID is comprised of printable hexadecimal characters it will appear in quotes, otherwise it will appear in alphanumeric characters. |

This message occurs when the ADARUN SECUID parameter is set to "WARN".

**Action**

Determine why the user's security system user ID has changed and resolve the problem. For additional assistance, contact your technical support representative.

**ADAN75**

**Rsp={rep-code}, Fnr={fnr}, ISN={isn}**
**Cmd={cc}, Op='{cop1}', DE={de-name}, Val=x'{descriptor-value}'**
**NI-RABN={index-rabn}, USER=x'{userid}',SECUID=x'{secuid}'**

**Explanation**

The nucleus prints this message to the operator console and DDPRINT when certain response codes are set. This message is used to inform your database administrator of a potential problem. The nucleus will print the message and then continue processing as it did before.

Within the message, the following information is supplied:

| Message Value | Description |
|---|---|
| *rsp-code* | The Adabas response code being set. |
| *fnr* | The number of the Adabas file on which the error condition occurred. |
| *isn* | The ISN of the data record on which the error occurred. |
| *cc* | The Adabas command code of the command that encountered the error condition. |
| *cop1* | The Command Option 1 value of the command. |
| *de-name* | The name of the descriptor being processed when the error condition occurred. |
| *descriptor-value* | The related descriptor value (in hexadecimal, if it is not printable). |
| *index-rabn* | The RABN of the Normal Index block in which the descriptor value was sought or found. |

| Message Value | Description |
|---|---|
| *secuid* | The security ID of the user who issued the command (in hexadecimal format , if it is not printable). |
| *userid* | The last eight bytes of the communication ID of the user who issued the command (in hexadecimal, if it is not printable). |

**Action** No action is required for this informational message.

**ADAN76** **I/O-error { ASSO | DATA | WORK } RABN={rabn-number}**

**Explanation** The Adabas nucleus detected an internal I/O error.

**Action** Contact your technical support representative.

**ADAN77** ***** Security violation *****
**JOB='{jobname}',TID='{tid}'**
**ETID='{etid}',SECUID={'{secuid}'| ' '}**
**Command code='{cc}',File number={fnr}**
**Response code {rsp} is given for this call**

**Explanation** A security violation occurred.

The following table describes the possible substitutions provided in the message.

| Message Substitutions | Description |
|---|---|
| *jobname* | The name of the job from which the user issued Adabas calls. |
| *tid* | The last eight bytes of the communication ID. If the user is hosted by a TP monitor, often a terminal ID or user ID is shown here. For a batch user, an STCK timestamp is shown. If this ID is comprised of printable hexadecimal characters it will appear in quotes, otherwise it will appear in alphanumeric characters. |
| *etid* | The user's ETID (specified in the Additions-1 field of the OP command) or "None" if no ETID is present. |
| *secuid* | The user's system security user ID or ' ' (a blank space between two single quotes) if none is available. |
| *cc* | The Adabas command code of the command that encountered the error condition. |
| *fnr* | The number of the Adabas file on which the error condition occurred. |
| *rsp* | An appropriate Adabas response code. For more information about the response code, read the **Adabas nucleus response code documentation**, elsewhere in this guide. |

**Action** Review the Adabas response code documentation to determine the cause of the security violation.

**ADAN78** **Function extent**
**Nucleus terminated after { ASSO | DATA } function**

**Explanation** The function INCREASE or ADD for an Associator or Data Storage extent has been performed by the nucleus. The nucleus terminates and permits the newly added part of the Associator to be allocated and formatted, which is necessary before another Adabas session can be started and the new extent can be used.

**Action** Perform the necessary allocation/reformatting utility operations, and then restart the nucleus.

**ADAN79** **I/O - error during asynchronous buffer flush ADAIOR-RESP = {hex-resp} the nucleus terminates with dump**

**Explanation** An I/O error occurred during asynchronous buffer flush operation. The nucleus ends operation.

**Action** Correct the cause of the I/O error.

**ADAN7A** **ICS error {error-code} in function {ics-function}**

**Explanation** ICS is the International Components for Unicode for Software GmbH, a subsystem of the Adabas universal encoding support (UES) system. This message is written after a function of the subsystem has failed.

Error codes produced by the ICS component are described in ***Universal Encoding System (UES) Component Error Codes***, elsewhere in this guide.

The following ICS functions may return errors:

| ICS Function | Description |
|---|---|
| ICS LOAD | An error loading ADAICS. Verify that the ADAICS load module is in the Adabas load library. |
| COX LOAD | An error loading ADACOX, which is loaded if the database is UES-enabled. ADACOX is the Adabas conversion exit for special conversions. Verify that ADACOX load module is in the Adabas load library. |
| DFENCODE | An error occurred during initialization while reading the default ICS code page. Verify that the non-executable binary ICS conversion object library is specified in the STEPLIB DD statement of the JCL. Also verify that the specified code page exists in the library. If it does not, then either an invalid number was specified, or the object is missing and must be added. |
| GETHANDLE *nnnn* | An error occurred reading the ICS code page *nnnn*. Check that the non-executable binary ICS conversion object library is specified in |

| ICS Function | Description |
|---|---|
| | the STEPLIB DD statement of the JCL. Also verify that *nnnn* exists in the library. If it does not, then either an invalid number was specified or the object is missing and must be added. |
| CDXI #NN | An error occurred when initializing the specified Collation Descriptor Exit or allocating the Collation Descriptor space table. |

**Action** Resolve the problem and try again.

**ADAN7C** **ICS {v.r.s/revision/date }initialized**

**Explanation** The specified version of International Components for Unicode for Software GmbH was successfully initialized.

**ADAN7D** **Collation exit {nn} initialized**

**Explanation** The specified collation descriptor user exit was successfully initialized.

**ADAN7E** **Logic.-deleted-DE referenced**
**DBID={dbid}, NUCID={nucid}, FNR={fnr}**
**DE-NAME={name}, JOBNAME={jobname}**

**Explanation** The nucleus prints this message to the console and DDPRINT when a command tries to reference a logically-deleted descriptor. The command will receive response code 39. This message is used to inform your database administrator that the logically-deleted descriptor is still used. The nucleus will print the message and then continue processing as it did before.

Within the message, the following information is supplied:

| Message Value | Description |
|---|---|
| *dbid* | The database ID of the nucleus. |
| *fnr* | The number of the Adabas file on which the descriptor is referenced. |
| *jobname* | The job name of the program issuing the command. |
| *name* | The name of the referenced descriptor. |
| *nucid* | The nucleus ID in the cluster. |

**Action** No action is required for this informational message.

**ADAN7F** **Security error messages suppressed**

**Explanation** To avoid flooding the event log and the console with redundant events and messages, Software GmbH has set limits on the number of security error messages created. This message occurs when that security error message limit has been exceeded.

**Note:** When message suppression takes place, the messages are no longer written to the console, but will continue to be written to DDPRINT.

**Action** No action is necessary for this informational message. Use other security error messages that have been sent to determine the cause (and solution) for the problem.

**ADAN7G** **Security warning messages suppressed**

**Explanation** To avoid flooding the event log and the console with redundant events and messages, Software GmbH has set limits on the number of security warning messages created. This message occurs when that security warning message limit has been exceeded.

**Note:** When message suppression takes place, the messages are no longer written to the console, but will continue to be written to DDPRINT.

**Action** No action is necessary for this informational message. Use other security warning messages that have been sent to determine the cause (and solution) for the problem.

**ADAN80** **Adabas dynamic caching environment established**

**Explanation** Adabas Caching Facility was successfully initialized.

**Action** No action is required for this informational message.

**ADAN80** **Adabas dynamic caching fixed 1M large page support available**

**Explanation** Adabas Caching Facility determined that 64-bit virtual storage, which can be backed by non-pageable, 1M large pages is available for use.

**Action** No action is required for this informational message.

**ADAN80** **Adabas dynamic caching 1M pageable large page support available**

**Explanation** Adabas Caching Facility determined that 64-bit virtual storage, which can be backed by pageable, 1M large pages is available for use.

**Action** No action is required for this informational message.

**ADAN80** **Adabas dynamic caching 2GB fixed large page support available**

**Explanation** Adabas Caching Facility determined that 64-bit virtual storage, which can be backed by non-pageable, 2G large pages is available for use.

**Action** No action is required for this informational message.

**ADAN80** **Adabas dynamic caching virtual 64 environment available**

**Explanation** Adabas Caching Facility determined that 64-bit virtual storage is available for use.

**Action** No action is required for this informational message.

**ADAN81** **Warning: not all blocks of the DB are allocated and formatted - run ADAREP to check the DB's size**

**Explanation** The highest RABN of an ASSO or DATA extent, as defined in the GCBs, is not readable. Most likely, an Adabas Online System or ADADBS INCREASE function was performed without allocating and formatting the new database area. The nucleus continues. Any attempt to access an unallocated area of the database causes an I/O error.

**Action** Ensure that the defined extents are completely allocated and formatted.

**ADAN81** **No statistics available for file {file-number} file not used**

**Explanation** An attempt was made to change cache space parameters for a file without first deleting its existing cache space.

**Action** Delete the existing cache space for the file; then add a new cache space with the changed parameters.

**ADAN81** **(see explanation below)**

**Explanation** This message displays the output of the CSTAT, CFSTAT, and CSUM operator commands of the Adabas Caching Facility. See the Adabas Caching Facility documentation for more information.

The CSTAT command is used to display the current cache space statistics. A sample report display is shown below:

```
+-------------------------------------------------------+
+ 005 DATA SPACE, DATA, RABNS 81 THRU 135                +
+-------------------------------------------------------+
+ ALLOCATED, LA=17:04:26                                 +
+-------------------------------------------------------+
+        253 CACHE WRITES  +            47 BLKS IN CACHE +
+         47 READ EXCPS    +       172,032 DATA SPC SIZE +
+        408 CACHE READS   +            55 BLKS/DATA SPC +
+        455 TOTAL READS   +          1320 INDXSPCE SIZE +
+       89.6 DSP EFFICIENCY+       167,936 MAX DSP USED  +
+   0.071810 MAX NIOT (SEC)+      0.698682 MAX EXCPT(SEC)+
+   0.000080 MIN NIOT (SEC)+      0.009600 MIN EXCPT(SEC)+
+   0.000245 AVE NIOT (SEC)+      0.167286 AVE EXCPT(SEC)+
+-------------------------------------------------------+
```

The CFSTAT command is used for file-level caching to display the current cache space statistics for one or more files. When file-level caching is active, a report is produced for each RABN range associated with the file request. A sample report display is shown below:

```
+-------------------------------------------------------+
+ FNR 00001 AC CL1 EXT RABNS 91 THRU 93
+-------------------------------------------------------+
+   ALLOCATED, LA=09:55:36
+-------------------------------------------------------+
+         60 CACHE WRITES  +             0 BLKS IN CACHE +
+          2 READ EXCPS    +    32,767,404 EXTM  SIZE    +
+         52 CACHE READS   +        16,351 BLKS/EXTM     +
+         54 TOTAL READS   +            28 RABN TAB SIZE +
+       96.2 ESP EFFICIENCY+         4,008 MAX ESP USED  +
+   0.001503 MAX NIOT (SEC)+      0.092800 MAX EXCPT(SEC)+
+   0.000018 MIN NIOT (SEC)+      0.092071 MIN EXCPT(SEC)+
+   0.000062 AVE NIOT (SEC)+      0.092435 AVE EXCPT(SEC)+
+-------------------------------------------------------+
```

The CSUM command is used to display, for a session, the accumulated cache summary for all active and inactive cache spaces, including statistics from previously deleted cache spaces. A sample report display is shown below:

```
+-------------------------------------------------------+
+ A D A B A S DYNAMIC CACHING SESSION SUMMARY            +
+        52.5 CURRENT ADABAS BUFFER EFFICIENCY          +
+         7.2 PROJECTED NON-CACHE BUFFER EFFICIENCY     +
+           3 ACTIVE CACHE SPACES                       +
+           4 CACHE SPACES DEFINED                      +
+ ------------ -----ASSO---- -----DATA---- -----WORK---- +
+ CACHE WRITES        27,367         6,674           212 +
+   READ EXCPS            78           444             0 +
+  CACHE READS        27,288         6,203         4,865 +
+  TOTAL READS        27,366         6,647         4,865 +
+   EFFICIENCY          99.7          93.3         100.0 +
+-------------------------------------------------------+
```

**ADAN82** **Status switch**
**readonly = {yes | no}**

**Explanation** The READONLY status of the nucleus has been switched. This message occurs as a response to the operator command or Adabas Online System function READONLY.

**ADAN83** **status switch**
**utionly = {yes | no}**

**Explanation** The "utility use only" (UTIONLY) status of the nucleus has been switched. This message occurs as a response to the operator command or Adabas Online System function UTIONLY.

**ADAN84** **LP parameter has been increased, additional**
**Protection area blocks are being formatted.**

**Explanation** The ADARUN LP parameter was increased in the current Adabas session. Therefore, additional Work part 1 RABNs had to be formatted.

**Action** None required. Consider increasing the Work data set to ensure that sufficient Work part 3 space is available.

**ADAN85** **{various}**

**Explanation** Various message texts can appear for this message number. The explanation and action for each is given in the following table.

| Message Text | Explanation |
|---|---|
| DTP = RM INITIALIZATION PROBLEMS: | A problem was detected during DDWORKR4 interpretation. |
| Work part 4 problem detected during startup | During system startup and Work part 4 interpretation of a nucleus defined with DTP=RM, a problem was detected with Work part 4. This message is following by ADAN86. |

**Action** Examine error ADAN86 for the cause of the error.

**ADAN86** **{various}**

**Explanation** Various message texts can appear for this message number. The explanation and action for each is given in the following table.

| Message Text | Explanation | Action |
|---|---|---|
| WK4 I/O error was detected { rabn=__ ior-resp=__ \| resp-code=__ subcode=__ } | During system startup and Work part 4 interpretation of a nucleus defined with DTP=RM, a Work part 4 I/O error was detected. This message follows ADAN85 and indicates either the RABN location and ADAIOR response code of the error or the nucleus response code and subcode of the error. | Determine the cause of the error, correct it, and rerun the job. |
| *dbid* GETMAIN (TBWK4) failed | If DTP=RM is specified, an additional GETMAIN is needed to allocate the tables used by a DTM=RM nucleus. | Increase the GETMAIN and rerun the job. |
| *dbid* File-list pool too small | The UQEFLIST_POOL, an extension of the user queue, is too small to receive all file definitions found on DDWORKR4. | Increase the number of user queue elements using the ADARUN NU parameter and rerun the job. |
| *dbid* User-queue too small | The user queue is too small to receive all user queue elements found on DDWORKR4. | Increase the number of user queue elements using the ADARUN NU parameter and rerun the job. |
| *dbid* name unequal in the cluster | The DDWORKR4 data set is a container file. All nuclei in a cluster must use the same DDWORKR4 data set. A subsequently started nucleus | Correct the DD statement and rerun the job. |

| Message Text | Explanation | Action |
|---|---|---|
| | used an invalid DD statement. The nucleus will not come up. | |
| *dbid* nucleus response code detected: RESP-CODE=*rc*, SUBCODE=*sc* | A nucleus response code was detected. The nucleus will go down. | Determine the cause of the error, correct it, and rerun the job. |
| *dbid* WORK4 size is diff. to last session BUT/AND IGNDTP not defined | The DDWORKR4 data set size is unequal to the size of the last session, but the data set is not empty. | Correct the DDWORKR4 DD statement and rerun the job. |
| *dbid* WORK4 I/O-error: RABN= *rabn* IOR-RESP= *resp* | The nucleus will go down. | Determine the cause of the error, correct it, and rerun the job. |
| *dbid* GCB contains WORK4 definition but: DTP=NO, IGNDTP=NO | The nucleus will not come up. | Determine the cause of the error, correct it, and rerun the job. |
| *dbid* Parameter conflict - MODE=SINGLE but last session run with DTP=RM - DTP=NO but WORKR4 defined | A parameter conflict exists, as described in the message text. | Correct the parameter conflict and rerun the job. |

**Action** User actions are given in the explanation.

**ADAN87** **{various}**

**Explanation** Various message texts can appear for this message number. The explanation and action for each is given in the following table.

| Message Text | Explanation | Action |
|---|---|---|
| DDWORK4 too small The nucleus will terminate. Rerun with a bigger data set size. | A utility with exclusive database control is running. The nucleus will terminate with this message, followed by the U019 abend dump. | Increase the size of DDWORKR4 and rerun the job. |
| WK4 area too small The nucleus will terminate Increase LDTP parm and rerun | During startup of a nucleus defined with DTP=RM when it is necessary to copy partially completed transactions or during an ADARES REGENERATE for all files, insufficient space was available in Work part 4 to reestablish the previous environment. | Increase the size of the Work part 4 area using the ADARUN LDTP parameter and rerun the job. |

| Message Text | Explanation | Action |
|---|---|---|
| | Because the nucleus cannot reestablish the previous environment and cannot terminate the incomplete transaction(s) heuristically, it terminates. | |

**Action** User actions are given in the explanation.

**ADAN88** **(rm=yes) abend**
**(DTP=RM) ABEND**

**Explanation** During initialization of a nucleus defined with DTP=RM, a logic error was detected while executing DTP functions.

The nucleus terminates abnormally with abend 19. The registers at entry to the abend and the load addresses of ADANC0-ADANCB are printed.

**Action** Contact your local technical support representative.

**ADAN89** **{various}**

**Explanation** Various message texts can appear for this message number. The explanation and action for each is given in the following table.

| Message Text | Explanation | Action |
|---|---|---|
| DTP support WORKR4 open error WORKR4 I/O-error: RABN=*rabn* WORKR4 close-error | An I/O error occurred for the DDWORKR4 data set. | Check the DDWORKR4 data set or the nucleus JCL definition for DDWORKR4 to identify the problem. Then fix the problem and rerun the job. |
| DTP-database: Heuri. terminated user is moved: *userid secuid* | After a local ADAEND or HALT request was issued against a cluster nucleus, the terminating nucleus has heuristically terminated a prepared transaction (for which the preliminary ET was issued but the final ET still outstanding) | No action is required for this informational message. |

| Message Text | Explanation | Action |
|---|---|---|
| | and is now moving the affected user to another nucleus in the cluster, in order to allow that nucleus to inform the Adabas Transaction Manager about the heuristic transaction termination. The last 8 bytes of the 28-byte communication ID of the affected user are printed in hexadecimal format. The security ID of the affected user is printed in hexadecimal format. | |
| DTP-database: HEURISTIC termination occurred due to ET-SYNC request for user or (GLOBAL) ADAEND request | A *prepared* transaction, for which the *preliminary ET* has been issued but the *final ET* is still outstanding, is being heuristically committed, in order to allow an ET-sync process (e.g., at the end of an online save operation) or ADAEND process to complete. The | Use Adabas Transaction Manager Online Services to determine what happened to the transaction in the other resource managers involved with it and to correct any logical inconsistencies that may have arisen. For more information, refer to the Adabas Transaction Manager documentation available within Software GmbH's Empower site (***https://empower.softwareag.com/default.asp***). |

| Message Text | Explanation | Action |
|---|---|---|
| | last 8 bytes of the 28-byte communication ID of the affected user are printed in hexadecimal format. The security ID of the affected user is printed in hexadecimal format. | |
| DTP-database: 2PH-ADAEND : ADAEND is forced | After ADAEND had been requested, one or more *prepared* transactions have been waiting longer than one minute for the *final ET*. Adabas will heuristically commit these transactions and then shut down. | Use Adabas Transaction Manager Online Services to determine what happened to the transaction in the other resource managers involved with it and to correct any logical inconsistencies that may have arisen. For more information, refer to the Adabas Transaction Manager documentation available within Software GmbH's Empower site (***https://empower.softwareag.com/default.asp***). |
| User heuristically terminated G-TID= *communication-id* SECUID=*secuid* XID = *transaction-id* Held ISNs are (FNR/ISN): *fnr/isn-list* | A *prepared* transaction, for which the *preliminary ET* has been issued but the *final ET* is still outstanding, is being heuristically committed or rolled back. The 28-byte communication ID, security ID, and the internal transaction ID are printed in hexadecimal | Use Adabas Transaction Manager Online Services to determine what happened to the transaction in the other resource managers involved with it and to correct any logical inconsistencies that may have arisen. For more information, refer to the Adabas Transaction Manager documentation available within Software GmbH's Empower site (***https://empower.softwareag.com/default.asp***). |

| Message Text | Explanation | Action |
|---|---|---|
| | format. Furthermore, the data records exclusively locked by the transaction, identified by their file number/ISN pairs, are listed. | |

**Action** User actions are given in the explanation.

**ADAN8A** **file already being cached**

**Explanation** The file specified for caching is already being cached by Adabas Caching Facility. This error can occur if you use operator or Adabas Online System commands in an attempt to define different types of memory to cache Associator and Data Storage RABNs of the same file.

**Action** It is possible at startup using ADARUN CFILE parameters to specify different types of memory to cache Associator and Data Storage RABNs of the same file. However, once a memory type is set for caching any RABNs of a file, Adabas Online System and operator commands do not allow you to specify any other memory type for the same file. If you want to change the memory type for the file, you must delete the existing cache space and then add a new one with different parameters.

**ADAN8B** **Device constants could not be acquired.**

**Explanation** ADACSH (Adabas Caching Facility) could not acquire the Constant Set during initialization..

**Action** Contact your local technical support representative.

**ADAN8C** **Memory allocation failure or insufficient space available**

**Explanation** ADACSH could not acquire space for its working areas. Adabas Caching Facility is not started and the associated message ADAN8H is displayed.

**Action** Increase the region size.

**ADAN8D** **{zzz} ({aaaa}) cache active**

**Explanation** A RABN range has been activated. This generally occurs when Adabas writes a RABN from its buffer pool to cache storage.

| Message Variable | Description |
|---|---|
| *zzz* | The type of RABN range ("DSP" for data space; "ESP" for extended memory; "HSP" for hiperspace; "V64" for virtual 64; "L64" for virtual 64 backed by fixed 1MB large page; "P64" for virtual 64 backed by pageable 1MB large page; "G64" for virtual 64 backed by fixed 2GB large page; or "FNR" for file-related) |
| *aaaa* | The type of RABN range storage ("ASSO", "DATA" or "WORK") |

**ADAN8E** **{track | hiperspace} I/O buffer allocation failure**
**CSP (ASSO) RABNINDX allocation failure**

**Explanation** Adabas Caching Facility could not allocate storage for the track or hiperspace I/O buffer, or for RABNINDX blocks. When the track I/O buffer is not available, a RABN I/O request being considered for read-ahead caching is issued normally. When the hiperspace I/O buffer is not available, caching using hiperspaces is not possible. When the RABNINDXes for a cache space area are not available, the attempt to allocate the associated cache space area fails and is not attempted again until at least CRETRY seconds have elapsed.

**Action** Increase the region size.

**ADAN8F** **{various}**

**Explanation** The Adabas Caching Facility detected an error while processing a console operator command.

Various message texts can appear for this message number. Possible error messages are listed in the following table.

| Possible Error Messages |
|---|
| ADAN8F XXXXX File Caching mode required. |
| ADAN8F XXXXX Global caching mode required. |
| ADAN8F XXXXX SMP/PLEX nucleus prohibited. |
| ADAN8F XXXXX Cache type invalid. |
| ADAN8F XXXXX memory type not supported. |
| ADAN8F XXXXX from RABN missing. |
| ADAN8F XXXXX inconsistent RABN range. |
| ADAN8F XXXXX invalid RABN range ID. |
| ADAN8F XXXXX Service Class invalid. |

| Possible Error Messages |
|---|
| ADAN8F XXXXX invalid File range (start>end). |
| ADAN8F XXXXX invalid File number (>max). |
| ADAN8F XXXXX invalid value "BUFNO" (> NT). |
| ADAN8F XXXXX invalid "CDISPSTAT" value. |
| ADAN8F XXXXX Parameter error INCLUDE/EXCLUDE. |
| ADAN8F XXXXX Invalid "ASSO/DATA" size. |
| ADAN8F XXXXX `CWORKSTORAGE` parameter missing. |

**ADAN8G** **{xxx} bytes [L64 | P64 | G64] storage [NOT] backed by [1M | 2G] large pages**

**Explanation** The Adabas Caching Facility attempted to allocate 64-bit virtual storage backed by large pages. The storage was allocated either for an L64 cache space backed by page-fixed 1M large pages, for a P64 cache space backed by pageable 1M large pages or for a G64 cache space backed by 2G large pages.

The original target size of the allocation request is given in the message (*xxx*). For an L64 or P64 cache space to be backed by 1M large pages, this was then rounded up to the next integral multiple of one megabyte. For a G64 cache space to be backed by 2G large pages, this was then rounded up to the next integral multiple of two gigabytes.

If the word "NOT" is omitted from the message, the storage allocation request was successful and the storage was backed by non-pageable large pages of the specified size. If the word "NOT" occurs in the message, insufficient large pages of the type requested were available. Instead, storage was allocated and backed by pageable 4 kilobyte pages.

This message is written to the operator console only.

**Action** If the message indicates that the storage is *not* backed by large pages, consider whether the number of fixed large pages specified for the operation system using the LFAREA parameter in SYS1.PARMLIB member IEASYS*xx* should be increased. If the message indicates that the storage *is* backed by large pages, no action is required for this informational message.

**ADAN8H** **ADABAS dynamic caching is -not- in service**

**Explanation** Adabas Caching Facility was not activated due to a previous parameter specification or error condition.

**ADAN8J** **CSP {nnn} ({aaaa}) released due to parallel utility operation**
**{xxx} BLKS released due to parallel utility on FNR {y}**

**Explanation** Depending on the utility, Adabas Caching Facility acted to maintain database integrity by releasing an entire cache space or a number of cache blocks because of a parallel utility operation.

| Message Variable | Description |
|---|---|
| *nnn* | The cache space number |
| *aaaa* | The type of RABN storage: "ASSO", "DATA" or "WORK" |
| *xxx* | The number of blocks released |
| *y* | The file that owned the released blocks |

**ADAN8K** **{zzz} ({aaaa}) released after exceeding non-activity time limit**

**Explanation** A cache storage area was released after it was inactive for a continuous elapsed time period of CCTIMEOUT seconds.

| Message Variable | Description |
|---|---|
| *zzz* | The type of cache space area ("DSP" for data space; "ESP" for extended memory; "HSP" for hiperspace; "V64" for virtual 64) |
| *aaaa* | The type of RABN storage: "ASSO", "DATA" or "WORK". |

**ADAN8L** **{zzz} {nnnnn} ({aaaa}) active, RABNS {xxx} thru {yyy}**

**Explanation** This message is displayed whenever a RABN range is activated. This generally occurs when Adabas writes a RABN from its buffer pool to cache storage.

| Message Variable | Description |
|---|---|
| *zzz* | The type of RABN range ("DSP" for data space; "ESP" for extended memory; "HSP" for hiperspace; "V64" for virtual 64; "L64" for virtual 64 backed by fixed 1MB large page; "P64" for virtual 64 backed by pageable 1MB large page; "G64" for virtual 64 backed by fixed 2GB large page; or "FNR" for file-related) |
| *nnnnn* | The file number when *zzz* is "FNR"; otherwise, the RABN range ID |
| *aaaa* | The type of RABN range storage ("ASSO", "DATA" or "WORK") |
| *xxx*,*yyy* | The RABN range, with *xxx* representing the starting value and *yyy* representing the ending (and inclusive) value. |

**ADAN8M** **{zzz} ({aaaa}) size extended to {yyy} bytes**
**{zzz} ({aaaa}) extension failed**

**Explanation** An attempt was made to add an additional cache storage area for a cache space.

| Message Variable | Description |
|---|---|
| *zzz* | The type of cache space area ("DSP" for data space; "ESP" for extended memory; "HSP" for hiperspace; "V64" for virtual 64) |
| *aaaa* | The type of cache space area storage ("ASSO", "DATA" or "WORK") |
| *yyy* | The size of new area, in bytes |

When the request is successful, the additional storage is available for the cache space and "yyy" reflects the size of the new area which is equal to the current CASSOMAXS or CDATAMAXS setting.

If unsuccessful, the system simply uses the storage areas already allocated for the cache space until CRETRY seconds pass. Then another attempt is made to add a new storage area for the cache space if this is still required.

**Action** Check with the system programmer; the extension failure may be due to insufficient ESA capabilities (memory or page data sets), or too many data spaces or hiperspaces allocated at one time.

**ADAN8O** **AOS operator command: {xxxxx}**

**Explanation** An Adabas Online System (AOS) operator issued a command to change one of the Adabas Caching Facility system parameters.

| Message Variable | Description |
|---|---|
| *xxxxx* | Change as follows: CASSOMAXS=new size CDATAMAXS=new size CCTIMEOUT=new value CDISPSTAT=YES/NO CRETRY=new value CBUFNO=new value CEXCLUDE=exclude list CINCLUDE=include list |

**ADAN8P** **{zzz} {nnnnn} ({aaaa}) disabled after exceeding non-activity time limit**

**Explanation** Demand caching is in effect and a RABN range or file has been inactive for a period longer than the CCTIMEOUT specification.

| Message Variable | Description |
|---|---|
| *zzz* | The type of RABN range ("DSP" for data space, "ESP" for extended memory, "HSP" for hiperspace; "V64" for virtual 64; or "FNR" for file-related) |
| *nnnnn* | The file number when *zzz* is "FNR"; otherwise, the RABN range ID |

| Message Variable | Description |
|---|---|
| *aaaa* | The type of RABN range storage ("ASSO" only, "DATA" only, "WORK", or "BOTH" if both ASSO and DATA are cached for the file) |

**ADAN8Q** **Hiperspace READ/WRITE error. RETCODE = {nn}**

**Explanation** An error occurred during the processing of a hiperspace cache request. The system return code from the request (*nn*) is given in the message.

Generally speaking, this error causes a request to write to or read from a hiperspace cache to fail. In most cases, the system can continue by reading the RABN from disk or writing, ignoring the request from the nucleus.

However, where Work parts 1 or 2 are being cached 100%, the failure of a request to return a cached RABN may have more serious consequences because there is no copy of the RABN on disk and therefore the I/O cannot be satisfied.

**Action** Determine if the error was caused by some event or problem in the system that could impact on hiperspaces used by Adabas Caching Facility. If there is nothing evident, report the error and the circumstances surrounding the error to your technical support representative.

**ADAN8R** **Insufficient storage for {xxxx}**

**Explanation** An attempt to allocate dynamic storage in extended memory failed due to a shortage of space in extended memory.

| Message Variable | One of the following for which the storage was intended: | |
|---|---|---|
| *xxxx* | File table | Table of file control block entries |
| | File control block | Required for file caching |
| | RABN extent block | Required to define one RABN extent |
| | RABN table | Required to described RABNs cached |
| | RABN table expansion | Required when file becomes larger |

**Action** Review your storage estimates to insure that there is sufficient storage available for the parameters specified.

**ADAN8R** **Hiperspace WRITE error. RETCODE = nn**

**Explanation** The write to hiperspace operation returned a nonzero condition code. The requested RABN is not written to hiperspace and is flagged as unused.

**Action** No operator intervention is required.

**ADAN8S** **{zzz} ({aaaa}) allocate failed. RETCODE = {nn}**

**Explanation** An attempt to allocate the first storage block for a cache area failed.

| Message Variable | Description |
|---|---|
| *zzz* | The type of cache space area ("DSP" for data space; "ESP" for extended memory; "HSP" for hiperspace; "V64" for virtual 64) |
| *aaaa* | The type of cache space area storage ("ASSO", "DATA", or "WORK") |
| *nn* | The return code from the system function used to allocate the storage. |

No storage is available for caching the RABNs for which the cache storage allocation was attempted. The situation continues at least until CRETRY seconds have elapsed and another attempt to allocate the storage is made, if required.

**Action** Check with the system programmer; the allocation failure may be due to insufficient memory or page data sets or too many data spaces and/or hiperspaces allocated at one time.

**ADAN8T** **{zzz} {nnnnn} ({aaaa}) {xxxx} by {yyyy} command**
**{zzz} {nnnnn} ({aaaa}) not {xxxx} due to conflicts**

**Explanation** An operator command was received and was either successfully completed or not.

| Message Variable | Description | |
|---|---|---|
| *zzz* | The type of RABN range ("DSP" for data space, "ESP" for extended memory, "HSP" for hiperspace; "V64" for virtual 64; or "FNR" for file-related) | |
| *nnnnn* | The file number when *zzz* is "FNR"; otherwise, the RABN range ID | |
| *aaaa* | The type of RABN range storage ("ASSO" only, "DATA" only, "WORK", or "BOTH" if both ASSO and DATA are cached for the file) | |
| *xxxx* | The operation requested by the command. Valid values are: | |
| | ADDED | CASSOxxx, CDATAxxx, or CFILE command |
| | CHANGED | CCHANGE command |
| | DELETED | CDELETE command |
| | DISABLED | CDISABLE command |
| | ENABLED | CENABLE command |

| Message Variable | Description | |
|---|---|---|
| yyyy | The command requesting operation *xxxx* was issued by either: | |
| | AOS OPER | An Adabas Online System user; or |
| | OPERATOR | The operator. |

**Action** If the command was unsuccessful, check DDPRINT for warning messages to determine why the command failed. Alternately, insure that the syntax used for the command is correct.

**ADAN8U** **{zzz} {nnnnn} ({aaaa}) enabled on demand**

**Explanation** This message is displayed for each inactive RABN range or file that is enabled when the Adabas buffer efficiency drops below the specified CDEMAND threshold level.

| Message Variable | Description |
|---|---|
| *zzz* | The type of RABN range ("DSP" for data space; "ESP" for extended memory; "HSP" for hiperspace; "V64" for virtual 64; or "FNR" for file-related) |
| *nnnnn* | The file number when *zzz* is "FNR"; otherwise, the RABN range ID |
| *aaaa* | The type of RABN range storage ("ASSO" only, "DATA" only, "WORK", or "BOTH" if both ASSO and DATA are cached for the file) |

**ADAN8V** **{parameter list}**

**Explanation** This message is displayed in response to the CPARM operator command. The parameters displayed are:

| Parameter | Description |
|---|---|
| CASSOMAXS | maximum ASSO cache space size |
| CDATAMAXS | maximum DATA cache space size |
| CDISPSTAT | display to console option |
| CDEMAND | Adabas buffer efficiency threshold |
| CMAXCSPS | maximum number of cache spaces |
| CRETRY | retry time interval |
| CCTIMEOUT | non-activity time limit |
| CWORKSTORAGE | Work parts 2 and 3 cache type |
| CWORK2FAC | Work part 2 cache space factor |
| CWORK3FAC | Work part 3 cache space factor |

**ADAN8W** **FNR nnnnn (aaaa) synchronized**

**Explanation** When Adabas Caching Facility first accesses a RABN belonging to a file to be cached, it learns about the extents and RABNs associated with the file and synchronizes its view of the file with the file's FCB.

If ADASCR detects that the structure of the file has changed (e.g., a new extent is added), ADASCR resynchronizes its view of the file at the next possible opportunity and issues this message.

| | |
|---|---|
| nnnnn | file number |
| aaaa | what is being cached for the file (ASSO only, DATA only, or BOTH if both ASSO and DATA are being cached) |

**ADAN8Y** **File-level caching initialized**

**Explanation** File-level caching is active for the current nucleus.

**ADAN8Z** **Logic error in ADACSH+{xxxxxxxxx}**

**Explanation** A logic error occurred during Adabas Caching Facility processing.

**Action** Report the error and the hexadecimal offset to your technical support representative.

**ADAN90** **TSP GETMAIN failed**

**Explanation** The Adabas trigger driver was unable to obtain enough storage within the region or address space to set up its I/O buffers.

**Action** Determine the source of the problem and correct it. Try increasing the region size for the MPM.

**ADAN91** **TSP GETMAIN failed. Increase REG. size**

**Explanation** The Adabas trigger driver was unable to obtain enough storage within the region or address space to set up its I/O buffers.

**Action** Increase the region size for the MPM.

**ADAN92** **TSP initialization completed**

**Explanation** The triggers and stored procedures facility was initialized successfully. Commands for detecting triggers are now processed.

**ADAN92** **TSP trigger refresh requested**

**Explanation** A request to refresh the trigger table buffer was made.

**Action** No action is required.

**ADAN92** **TSP trigger refresh completed**

**Explanation** The trigger table buffer was refreshed. The triggers have been reloaded and the Adabas nucleus will continue to run normally.

**ADAN93** **TSP has been deactivated via AOS (SYSTRG)**

**Explanation** The ADARUN parameter SPT=YES was specified; however, because the database administrator has overridden this using the Adabas triggers subsystem, triggers will not be activated.

**Action** To reactivate triggers, access the Adabas triggers subsystem function "modify profile information" (located on the Miscellaneous Functions Menu), and change the triggers status field in the profile to "active".

**ADAN93** **TSP cannot be run in single user mode**

**Explanation** The Adabas nucleus has been started with SPT=YES and MODE=SINGLE. This is not allowed.

**Action** Start the nucleus with MODE=MULTI in the ADARUN parameters (DDCARD), or specify SPT=NO.

**ADAN93** **TSP incurred an internal error with cluster**

**Explanation** During the startup of the Adabas trigger driver, certain communication must occur with Adabas Parallel Services if it is active. The Adabas trigger driver was unable to complete the communication.

**Action** After obtaining a dump, contact your technical support representative and report the error.

**ADAN93** **TSP trigger refresh incurred an error**

**Explanation** During the refresh of the trigger table buffer, an error occurred. This error was identified by a previous console message. The error causes an inconsistent state in the triggers subsystem that necessitates a shut-down as indicated in the error action option setting in the profile.

**Action** Review previous console messages to determine the error. Correct it and, if necessary, restart the nucleus to restart the triggers subsystem.

**ADAN94** **TSP unable to read the trigger file FDT**

**Explanation** During the triggers initialization process, Adabas needs to read the trigger file FDT; however, the FDT could not be found. As a result, triggers will not be activated.

**Action** Determine the reason why the FDT could not be found and correct the problem. Ensure that the file was correctly loaded as a system file.

**ADAN95** **TSP unable to read the trigger file FCB**

**Explanation** During the triggers initialization process, Adabas needs to read the trigger file FCB; however, the FCB could not be found. As a result, triggers will not be activated.

**Action** Determine the reason why the FCB could not be found and correct the problem. Ensure that the file was correctly loaded as a system file.

**ADAN96** **TSP incurred resp xxx reading triggers**

**Explanation** During the triggers initialization process, Adabas needs to read the entries from the trigger file; however, a nonzero response code was received. As a result, triggers will not be activated.

**Action** Determine the source of the problem; that is, analyze the response code and take the necessary action to resolve the problem.

**ADAN97** **nucleus will terminate with U021 dump due to internal autorestart failure; CMD={command}, FILE-NR={file-number}, RSP=rspcode**

**Explanation** The nucleus terminates with a dump due to failure of the internal autorestart.

**ADAN98** **TSP unable to find any trigger entries**

**Explanation** During the triggers initialization process, Adabas needs to read the entries from the trigger file; however, no valid trigger entries were found in the file. As a result, triggers will not be activated.

**Action** Verify that there are triggers defined on the trigger file and that the trigger file is set up correctly; that is, the file is loaded on the database where the error occurred.

**ADAN99** **TSP unable to load all trigger entries**

**Explanation** During the triggers initialization process, Adabas needs to load the entries from the trigger file into its buffer; however, the size calculated for the buffer is incorrect. The cause could be one of the following:

- triggers were added by some means other than the Adabas triggers subsystem, or
- the buffer size was not calculated or was specified incorrectly. As a result, triggers will not be activated.

**Action** Recalculate the size required for the buffer. Issue the NUMBER or CHECK command from the Modify Profile screen to verify that the number is recorded correctly by

Adabas Online System. Also check the buffer size specified in the "trigger table size" field in the Adabas triggers and stored procedures profile.

**ADAN99** **TSP has ignored triggers gt file {nnnnn}**

**Explanation** An attempt was made to process triggers that are assigned to file numbers greater than the maximum acceptable file number; that is, the highest loaded file plus 10.

**Action** This message is a warning. Triggers should not be assigned to file numbers greater than the maximum file number allowed.

**ADAN9A** **TSP CNTL data missing on TRIG file ({nnnnn})**

**Explanation** During the triggers initialization process, Adabas needs to read the profile definition from the trigger file; however, the profile definition could not be found. As a result, triggers will not be activated.

**Action** Using the Adabas triggers subsystem, add a profile for the subsystem.

**ADAN9B** **TSP unable to read trigger control data**

**Explanation** During the triggers initialization process, Adabas needs to read the profile definition from the trigger file. However, an internal error occurred during the read. As a result, triggers will not be activated.

**Action** Determine the cause of the error and correct it using the Adabas triggers subsystem. Possibly modify the profile again to ensure that it is correct.

**ADAN9C** **TSP could not get work area. Check LWP**

**Explanation** During the triggers initialization process, Adabas needs to acquire space for its buffer, but insufficient space was found. This can occur if the value specified for the LWP ADARUN parameter is too small. As a result, triggers will not be activated.

**Action** Check the value specified for the LWP ADARUN parameter and increase it as appropriate.

**ADAN9D** **TSP no trigger file defined**

**Explanation** The Adabas nucleus started with SPT=YES; however, no trigger file exists for this database. As a result, triggers will not be activated.

**Action** Either set SPT=NO or load a trigger file that contains at least one trigger definition onto the database.

**ADAN9E** **TSP missing module for subsystem**

**Explanation** During the triggers initialization process, Adabas needs to start the subsystems for the execution of procedures; however, the name specified was invalid. As a result, triggers has been deactivated.

**Action** Check the batch Natural name setting in the Adabas triggers and stored procedures profile. Also ensure that the Natural nucleus module is concatenated in the JCL startup and is a loadable module.

**ADAN9F** **TSP has terminated the nucleus due to errors**

**Explanation** A serious or fatal error occurred that created an inconsistent state in the system. The nucleus has been shut down.

**Action** Review previous console messages to determine the error. Correct it and restart the nucleus to restart the triggers subsystem.

**ADAN9F** **TSP has been deactivated due to errors**

**Explanation** Triggers incurred one or more errors and has been deactivated. The error action taken depends on the error action setting in the Adabas triggers and stored procedures profile.

**Action** Review previous console messages to determine the cause of the errors and correct the problem.

**ADAN9H** **TSP subsystem ({nn}) {name} initialized / restarted**

**Explanation** *nn* is the unique number and *name* is the name of the Natural nucleus subsystem. During the triggers initialization process, a specified number of Natural subsystems will be started for the execution of procedures. When a subsystem has aborted it will be restarted. This message informs the user of the successful initialization/restart of each subsystem.

**Action** No action is required. The subsystem will wait for work.

**ADAN9I** **TSP subsystem ({nn}) {name} has abended / SSF error / return code {code}**

**Explanation** *nn* is the unique number and *name* is the name of the Natural nucleus subsystem. The specified subsystem incurred an error and terminated abnormally. The Adabas trigger driver will try three times to restart it. A subsequent message will inform the user of the type of abend.

**Action** Determine the cause and resolve the problem. The return code *code* given should provide additional information.

**ADAN9I** **TSP Status changed to Reject / Ignore mode**

**Explanation** The action to be taken by Adabas Triggers and Stored Procedures after a processing error from which the system cannot recover is changed to reject/ignore.

**Action** No action is required.

**ADAN9J** **TSP subsystem ({nn}) {name} shut down**

**Explanation** *nn* is the unique number and *name* is the name of the Natural nucleus subsystem. Either a request was made to shut down the specified subsystem or three consecutive abends have occurred and the Adabas trigger driver has decided to deactivate the subsystem.

**Action** Determine the cause and resolve the problem. The return code given should provide additional information.

**ADAN9J** **TSP unable to update Trigger table**

**Explanation** It was not possible to get an exclusive lock of the trigger table.

**Action** Retry the command.

**ADAN9J** **TSP subsystem ({nn}) {name} shut down**

**Explanation** *nn* is the unique number and *name* is the name of the Natural nucleus subsystem. The shut-down of triggers has completed successfully. This message is shown for each subsystem.

**ADAN9K** **TSP subsystem ({nn}) {name} canceled / timed out**

**Explanation** *nn*is the unique number and *name* is the name of the Natural nucleus subsystem. During the processing of a trigger, it was detected that the originating command had timed out or was canceled by AOS request. The trigger will not be processed successfully.

**Action** Retry the command.

**ADAN9K** **TSP subsystem ({nn}) {name} canceled**

**Explanation** *nn* is the unique number and *name* is the name of the Natural nucleus subsystem. The specified subsystem was canceled when a timeout occurred for a procedure that was executing in the subsystem. The subsystem will be restarted. A previous message gives specifics about the cancellation.

**Action** Determine the cause and resolve the problem. The reason code given should provide additional information.

**ADAN9K** **TSP requested: {Halt} at {YYYY-MM-DD HH:MM:SS}**

**Explanation** The Error Action field in the Adabas triggers and stored procedures profile is set to *halt*, and either a fatal error occurred or Adabas Online System requested a shut-down of the Adabas triggers subsystem.

**Action** Review previous messages to determine whether a problem occurred and, if so, correct the problem.

**ADAN9L** **TSP Timeout / Cancel: PROC {proc-name} JOB {jobname}**
**CMD {yy} FNR {nnnnn} FIELD-UID {xxxxxxxxxxxxxxx}**
**SECUID {secuid}**

**Explanation** The Adabas trigger driver determined that a triggered procedure exceeded the specified time limit. The procedure was canceled so that processing can continue with another procedure and queuing can be prevented. FIELD-UID is the last 8 bytes of the user ID in hexadecimal, as specified in the UQE. SECUID is the security ID of the user ID.

**Action** Check the procedure. Determine if it was looping, is doing too much work, or if the time-out parameter is too low. Correct the problem for the next time.

**ADAN9L** **TSP Timeout / Cancel: PROC {proc-name} JOB {jobname}**
***stored procedure req ** UID {xxxxxxxxxxxxxxx} SECUID={secuid}**

**Explanation** The Adabas trigger driver determined that a particular stored procedure exceeded the specified time limit. The procedure has been canceled so that processing may continue with another procedure and queuing may be prevented. UID is the last 8 bytes of the user ID in hexadecimal, as specified in the UQE. SECUID is the security ID of the user ID.

**Action** Check the procedure. Determine if it was looping, is doing too much work, or if the time-out parameter is too low. Correct the problem for the next time.

**ADAN9M** **TSP waiting on UID {userid} SECUID {secuid}**

**Explanation** Triggers is shutting down and must queue the subsystems. However, a procedure is still running. The user ID (UID) and security ID (SECUID) are provided to help the database administrator investigate a potential problem.

**Action** No action is necessary. However, the database administrator may not want the Adabas trigger driver to wait; therefore, the user's procedure may be stopped.

**ADAN9N** **TSP subsystem ({nn}) {name} canceled**
**TSP Subsystem({xx}) Triggers:{count}**

**Explanation** *nn* is the unique number and *name* is the name of the Natural nucleus subsystem. Subsequent to ADAN9N, the Adabas trigger driver decided not to wait for the specified subsystem to complete processing; therefore, the subsystem was canceled.

The second line of this message appears during shutdown of TSP databases. It shows the number of triggers used during that nucleus session (*count*).

**Action** No action is required for this informational message.

**ADAN9O** **TSP subsystem shutdown in progress**

**Explanation** Either the nucleus is terminating (ADAEND or HALT) or the triggers and stored procedures facility has requested a halt, probably due to an error, and the Adabas trigger driver has also been requested to shut down.

**Action** No action is required. The user is informed that this is in progress.

**ADANA1** **SMGT display active DUMP= {on | off}**

**Explanation** A display command is about to be processed with (ON) or without (OFF) a formatted dump.

**ADANA2** **SMGT {active | not active}**

**Explanation** Indicates whether the error handling and message buffering facility is active in the nucleus.

**ADANA3** **Abnormal termination handler {active | not active}**

**Explanation** Indicates whether the error handling and message buffering facility's abnormal termination handler is active.

**ADANA5** **No error conditions handled**

**Explanation** The error handling and message buffering facility has not encountered any of the errors it is looking for.

**ADANA6** **Last error occurred at: {date time}**

**Explanation** Indicates the *date* (yyyy-mm-dd) and *time* (hh:mm:ss) of the most recent error handled by the error handling and message buffering facility.

**ADANA7** **Condition: {{mvs-abend-code} | rsp: {rsp-code}} location: {location}**

**Explanation** Identifies the abnormal termination that has occurred or the response code that has been received and indicates the location (if any) of the most recent error handled by the error handling and message buffering facility. Explanations of z/OS abnormal termination codes can be accessed in the *System Codes Manual* from IBM.

**ADANA8** **Count executions of abnormal termination handler**

**Explanation** Indicates the number of times an error or abend code is trapped and actually handled by the error handling and message buffering facility.

**ADANA8** **Count executions of response code handler**

**Explanation** Indicates the number of times a response code is actually handled (that is, a PIN routine is invoked) by the error handling and message buffering facility.

**ADANA8** **Count executions of total error recovery calls**

**Explanation** Indicates the total number of times the error handling and message buffering facility is invoked to handle a condition (response code or abend code).

**ADANA9** **Last error handled by pin pin-number**

**Explanation** Indicates the PIN routine invoked by the error handling and message buffering facility to handle the most recent error encountered.

**ADANAA** **{xxx} condition PIN routines recovered {yyy} errors**

**Explanation** Indicates the number of condition-handling PIN routines invoked and the number of errors they recovered.

**ADANAB** **{xxx} location PIN routines recovered {yyy} errors**

**Explanation** Indicates the number of location-only PIN routines invoked and the number of errors they recovered.

**ADANAC** **{xxx} response PIN routines recovered {yyy} errors**

**Explanation** Indicates the number of response-code PIN routines invoked and the number of errors they recovered.

**ADANAD** **{xxx} total PIN routines recovered {yyy} errors**

**Explanation** Indicates the total number of PIN routines invoked and the number of errors they recovered.

**ADANAE** **Message buffering is {active | not active}**

**Explanation** Indicates whether message buffering in the error handling and message buffering facility is active.

**ADANAF** **{nnn} messages in buffer from {date} {time}**

**Explanation** Indicates the number of messages currently in the message buffer and the *date* (yyyy-mm-dd) and *time* (hh:mm:ss) of the oldest message.

**ADANAG** **PIN {nnnn} uses: {nnnn} condition: {{mvs-abend-code} | rsp:{rsp-code}} {this pin valid for all locations {routine-name} | location: {hexno hexno (routine-name)}}**

**Explanation** Provides information about an active (PIN) or inactive (*PIN) routine: the number of times used, the condition it handles (the abnormal termination that occurred or the response code that was returned), and the location(s) for which it is valid. Explanations of z/OS abnormal termination codes can be accessed in the *System Codes Manual* from IBM.

**ADANAI** **AUTOINC{xxxx}TOTAL={nnnn} is invalid, current {xxxx}SIZE={yyyy}**

**Explanation** An invalid autoincrease AUTOINC*xxxx*TOTAL operator command was specified. The specification for the AUTOINCASSOTOTAL or AUTOINCDATATOTAL operator command is smaller than the currently allocated size for the ASSO or DATA data set or exceeds 2,147,483,647 blocks or 16,777,215 blocks (3-byte RABNs).

**ADANAL** **There are currently no exits in use**

**Explanation** The DISPLAY=EXITS command was issued but no exits are currently in use.

**ADANAX** **Exit: {exit-code} modname: {exit-module-name} status: {ACTIVE | ACTIVE CRT | ENACT}**

**Explanation** Indicates whether the specified exit is active, active and critical, or inactive.

**ADANC1** **{dbid yyyy-mm-dd hh:mm:ss} Caution: DDCLOGR{n} dataset not yet copied**

**Explanation** The nucleus detected that there is one or more CLOG data set that needs to be copied and the LOGWARN timer has expired. One message will occur for each data set that needs to be copied.

**Action** Check the status of the CLCOPY jobs affecting the oldest CLOG to be copied to determine why the copy has not worked correctly or in a timely fashion. If necessary, make corrections and resubmit the job. If all CLOG data sets become full, your nucleus may stall waiting for a free CLOG.

**ADANC2** **{dbid yyyy-mm-dd hh:mm:ss} CLOG warning no longer in effect**

**Explanation** All CLOG data sets have now been copied.

**Action** No action is required for this informational message.

**ADANC3** **{dbid yyyy-mm-dd hh:mm:ss} Command logging has stalled**

**Explanation** There are no free command log data sets. The nucleus is unable to write command log data. This also prevents Adabas from executing commands and the environment may appear to be completely stalled.

**Action** Check the status of the latest CLCOPY jobs, concentrating on the jobs affecting the oldest CLOG to be copied. If necessary, make corrections and resubmit the jobs.

**ADANC4** **{dbid yyyy-mm-dd hh:mm:ss} Command logging has resumed**

**Explanation** Command logging has resumed after a stalled situation. An ADANC3 stalled message should have appeared sometime before this message.

**Action** No action is required for this informational message. The crisis of stalled command logging has been resolved.

**ADANI2** **SMGT abend handler active**

**Explanation** Indicates that the abnormal termination handler of the error handling and message buffering facility is active.

**ADANI4** **GETMAIN failed for exit table**

**Explanation** Not enough memory is available to run the error handling and message buffering facility. Adabas runs without the facility.

**Action** Increase the region size available to the Adabas nucleus.

**ADANI5** **GETMAIN failed for initial PIN area**

**Explanation** Not enough memory is available to run the error handling and message buffering facility. Adabas runs without the facility.

**Action** Increase the region size available to the Adabas nucleus.

**ADANL0** **Error opening license file DD:{ddname}**

**Explanation** An error occurred loading the license load module and then opening the license file specified by the DD statement. Where *ddname* is the DD name for the license sequential file. The name is concatenated from the string DDL and the product code *ccccc*.

**Action** Provide the license as load module or assign the license file to the *ddname* in the JCL.

**ADANL1** **License file size exceeds limit**

**Explanation** The license being read is larger than expected (8000 bytes).

**Action** Verify that you are using the original license file obtained from Software GmbH.

**ADANL2** **Error reading license file DD:{ddname}**

**Explanation** An empty file or invalid record structure was detected. Where *ddname* is the DD name for the license sequential file. The name is concatenated from the string DDL and the product code *ccccc*.

**Action** Verify that the license file has been copied correctly to the license data set. The file should not be empty and the data should not have been converted to EBCDIC (it should be in ASCII format).

**ADANL3** **Error license function {fx} subfunction {sfx} returned {err}**

**Explanation** An unexpected error occurred while performing the Adabas license check.. The license function (*fx*), subfunction (*sfx*) and return code (*err*) are given in the message.

**Action** Examine the Adabas nucleus JCL and verify that the Adabas license is available as load module ADALIC or is assigned with the link (DD) name DDLIC.

**ADANL4** **License module could not be loaded**

**Explanation** The license processor module could not be loaded.

**Action** Verify that the modules from the MLC*vrs* load library can be loaded by the Adabas nucleus.

**ADANL6** **License check failed for {ccccc}**

**Explanation** The license file is physically correct, but some license property was found that did not match your Adabas nucleus execution environment. Where *ccccc* is the product code where the license was checked. This is a final message, accompanied by another message specifying details of the failure.

**Action** Contact your Software GmbH sales representative to resolve the discrepancy between your license file and your execution environment.

**ADANL7** **License check completed for {ccccc}**

**Explanation** The license check completed successfully. Where *ccccc* is the product code where the license was checked.

**Action** No action is required for this informational message.

**ADANL9** **{ccccc}LIC license could not be loaded**

**Explanation** The license module *ccccc*LIC for Adabas or an add-on identified by product code *ccccc* could not be loaded.

**Action** Verify that the installation of the license file occurred correctly. For more information, read about the Adabas database installation steps for your operating environment. If problems persist, contact your technical support representative for assistance.

**ADANLA** **Error using MLC version older than {vvvv}**

**Explanation** The product license check works with the separate component Mainframe License Check (MLC). For a correct interaction with MLC a minimum version *vvvv* is required.

**Action** Update the MLC component and rerun the job.

**ADANN1** **NWCONNECT RSP/ {rsp}/ // {subcode}// {node}/***

**Explanation** The NWCONNECT operator command received an unexpected response when attempting to define the DBID target to Entire Net-Work. The response and subcodes given in the message are from Entire Net-Work. Depending on the error, the Entire Net-Work node name may also appear. The most common response codes are 148 (ADARSP148 - Entire Net-Work not available) and 145 (ADARSP145 - target already defined on another Entire Net-Work node).

**Action** Resolve the Entire Net-Work problem. If the problem persists, contact your Software GmbH technical support representative for assistance.

**ADANO1** **Invalid SMGT cmd: {command}**

**Explanation** The operands on an SMGT command were invalid.

**Action** Correct the operands and reissue the command.

**ADANO2** **SMGT command processed**

**Explanation** The error handling and message buffering facility finished processing a command.

**ADANO5** **SMGT not currently active**

**Explanation** The error handling facility must be active (SMGT=ON) before the command can be issued. The command issued can be found in the ADANO1 message immediately following the ADANO5 message.

**Action** Activate the error handling facility and reissue the command.

**ADANP1** **{dbid yyyy-mm-dd hh:mm:ss} Caution: DDPLOGR{n} dataset not yet copied**

**Explanation** The nucleus detected that there is one or more PLOG data set that needs to be copied and the LOGWARN timer has expired. One message will occur for each data set that needs to be copied.

**Action** Check the status of the PLCOPY jobs affecting the oldest PLOG to be copied to determine why the copy has not worked correctly or in a timely fashion. If necessary, make corrections and resubmit the job. If all PLOG data sets become full, your nucleus may stall waiting for a free PLOG.

**ADANP2** **{dbid yyyy-mm-dd hh:mm:ss} PLOG warning no longer in effect**

**Explanation** All PLOG data sets have now been copied.

**Action** No action is required for this informational message.

**ADANP3** **{dbid yyyy-mm-dd hh:mm:ss} Protection logging has stalled**

**Explanation** There are no free protection log data sets. The nucleus is unable to write protection log data. This also prevents Adabas from executing update commands which could eventually lead to a complete stall of the environment.

**Action** Check the status of the PLCOPY jobs, concentrating on the jobs affecting the oldest PLOG to be copied. If necessary, make corrections and resubmit the jobs.

**ADANP4** **{dbid yyyy-mm-dd hh:mm:ss} Protection logging has resumed**

**Explanation** Protection logging has resumed after a stalled situation. An ADANP3 stalled message should have appeared sometime before this message.

**Action** No action is required for this informational message. The situation of stalled protection logging has been resolved.

**ADANR1** **SMGT handling condition: {{mvs-abend-code} | rsp: {rsp-code} }**

**Explanation** The error handling facility has been invoked for the specified condition. Note that explanations of z/OS abnormal termination codes can be accessed in the *System Codes Manual* from IBM.

**ADANR2** **Error is in {user | hyper} exit {xx}, exit disabled**

**Explanation** An error occurred in the specified, noncritical exit. The exit is not invoked until the error is corrected.

**Action** Consult diagnostic messages; correct the exit; reload the exit using the SGMT,XLOAD command; then reactivate the exit using the SGMT,XACT command.

**ADANRP** **PSW: {hexno hexno hexno hexno}**

**Explanation** Displays the PSW when the error was encountered.

**ADANRR** **{ry-ry} {hexno hexno hexno hexno}**

**Explanation** Displays the registers when the error was encountered.

**ADANRS** **Response {rspc/subc} when posting commands in cluster**

**Explanation** An unexpected response / subcode occurred when trying to post commands waiting for advance-locks in a cluster environment.

**Action** Ensure that the communication between the cluster nodes works.

**ADANRT** **Condition is a {error-type} error**

**Explanation** The error handling facility is handling an error of the specified type.

**ADANS1** **SNAP file unavailable**

**Explanation** The nucleus startup JCL did not define a data set to hold a formatted hexadecimal dump of an area in memory, either an address space or a data space.

To use the error handling and message buffering facility's SMGT,DUMP={ON|OFF} or SMGT,SNAP[=(start,end)] command successfully, the data set ADASNAP must be defined in the Adabas startup JCL.

**Action** Stop the Adabas session; add the required statement to the startup JCL, and start a new session.

**ADANS5** **{dbid} Database {ASSO|DATA} usage is {xx}%**
**{xxuu} of {yyuu} in use**
**{bb} of {byy} blocks in use**
**{cc} of {cyy} cylinders in use**

**Explanation** This space usage message is printed during nucleus startup when the ASSOSPACEWARN or DATASPACEWARN ADARUN parameters are specified with a nonzero threshold percentage and the ASSO or DATA space use is greater than or equal to the threshold specification. Similarly, if autoincrease ADARUN parameters have been specified with nonzero parameters, this message appears when either of the AUTOINCASSOTHRESHOLD or AUTOINCDATATHRESHOLD settings are exceeded. Only the first line of the message (percentage) appears in these cases.

The message also appears in response to a DSPACE operator command. In this case, all four lines appear for both ASSO and DATA for a total of 8 lines.

The second detail line expresses the statistics in *uu* units, which may be "KB" ($2^{10}$ bytes), "MB" ($2^{20}$ bytes), "GB" ($2^{30}$ bytes) or "TB" ($2^{40}$ bytes).

When more than one container is configured for a component (ASSO or DATA) the statistics represent the sum of all the component's containers. If different device types are used for individual containers, the block size and the number of blocks per cylinder may be different for each container.

**Action** No action is necessary for this informational message. However, if the percentage is excessively high, determine the reason for the excessive ASSO or DATA space use. If necessary, adjust the ASSO or DATA space. For more information, read *Dynamically Increasing Associator and Data Storage Space*, in the *Adabas DBA Tasks Manual*.

**ADANS6** **{dbid} Database {ASSO|DATA} usage increased to{ xx}%**

**Explanation** This space usage message is printed when the amount of ASSO or DATA space used in the database increases by the increment set by the ADARUN ASSOSPACEWARN or DATASPACEWARN parameters or by the ASSOSPACEWARN or DATASPACEWARN operator commands.

**Action** No action is necessary for this informational message. However, if the percentage is excessively high, determine the reason for the excessive ASSO or DATA space use. If necessary, adjust the ASSO or DATA space. For more information, read *Dynamically Increasing Associator and Data Storage Space*, in the *Adabas DBA Tasks Manual*.

**ADANS7** **{dbid} Database {ASSO|DATA} usage increased to {xx}% in nucleus {zzzz}**

**Explanation** This space usage message is printed when the amount of ASSO or DATA space used in the database increases by the increment set by the ADARUN ASSOSPACEWARN or DATASPACEWARN parameters or by the ASSOSPACEWARN or DATASPACEWARN operator commands. The increase in space usage in the database is being reported by nucleus *zzzz* in a cluster environment.

**Action** No action is necessary for this informational message. However, if the percentage is excessively high, determine the reason for the excessive ASSO or DATA space use. If necessary, adjust the ASSO or DATA space. For more information, read *Dynamically Increasing Associator and Data Storage Space*, in the *Adabas DBA Tasks Manual*.

**ADANS8** **{dbid} Database {ASSO|DATA} usage decreased to {xx}%**

**Explanation** This space usage message is printed when the amount of ASSO or DATA space used in the database decreases by the increment set by the ADARUN ASSOSPACEWARN or DATASPACEWARN parameters or by the ASSOSPACEWARN or DATASPACEWARN operator commands.

**Action** No action is required for this informational message.

**ADANS9** **{dbid} Database {ASSO|DATA} usage decreased to {xx}% in nucleus {zzzz}**

**Explanation** This space usage message is printed when the amount of ASSO or DATA space used in the database decreases by the increment set by the ADARUN ASSOSPACEWARN or DATASPACEWARN parameters or by the ASSOSPACEWARN or DATASPACEWARN operator commands. The decrease in space usage in the database is being reported by nucleus *zzzz* in a cluster environment.

**Action** No action is required for this informational message.

**ADANSA** **{dbid} Autoincrease threshold exceeded for {ASSO|DATA}**

**Explanation** This message is printed if the ASSO or DATA autoincrease ADARUN parameters have been specified with nonzero parameters and the AUTOINCASSOTHRESHOLD or AUTOINCDATATHRESHOLD settings have been exceeded.

**Action** No action is required for this informational message.

**ADANSB** **{dbid} Autoincrease started for {ASSO|DATA}**

**Explanation** This message is printed if the ASSO or DATA autoincrease ADARUN parameters have been specified with nonzero parameters, the AUTOINCASSOTHRESHOLD or AUTOINCDATATHRESHOLD settings have been exceeded and the nucleus has started the autoincrease process.

**Action** No action is required for this informational message.

**ADANSC** **{dbid} Autoincrease added {nn} blocks to {ASSO|DATA}**

**Explanation** This message is printed as a result of an autoincrease process after the database extents block (GCB2) has been updated. It indicates the number of blocks (*nn*) that have been added to the Associator or Data Storage data set.

**Action** No action is required for this informational message.

**ADANSD** **{dbid} Autoincrease completed for {ASSO|DATA}**

**Explanation** This message indicates that the autoincrease process has completed and the new space was added to the free space table (FST).

**Action** No action is required for this informational message.

**ADANSE** **{dbid} Unable to autoincrease {ASSO|DATA}**
**Autoincrease {ASSO|DATA} aborted because {reason}**

**Explanation** An error has occurred while attempting an autoincrease process for the ASSO or DATA container. The AUTOINCASSOTHRESHOLD or AUTOINCDATATHRESHOLD setting (as appropriate) has been set to zero to prevent another attempt. The reason for the failure is given in the message (*reason*). Possible reasons include:

- Autoincrease total already reached
- Container change already in progress

- Container change already in progress in peer nucleus
- Error in calculation of used space
- FST update failed
- GCB lock unavailable
- Get VOLSER table failed
- Getmain VOLSER extent failed
- HALT pending
- Invalid message index *idx* autoincrease {ASSO|DATA}
- IOR-3D open extended failure
- IOR-3E extend ASSO/DATA failure
- IOR-3E extend did not get any space
- IOR-3E extend failure on peer nucleus
- IOR-5B format track failure
- No room in FST for additional extent
- Online recovery in progress
- Other ONLINCREASE in progress
- Too many ASSO, DATA and DSST extents
- VOLSER table inconsistent
- VOLSER table mismatch

**Action** Contact your technical support representative if you are unable to resolve the failure.

**ADANSF** **{dbid} Autoincrease formatted {mmm} of {nnn} {ASSO|DATA} blocks Formatting {xx}% complete, {ss} seconds estimated to complete**

**Explanation** These status messages are produced at intervals during the execution of an autoincrease process. They are issued while the autoincrease process is active or when one of the following operating commands is run: ADAEND, DSTAT, or HALT. They provide you with information about the progress of the autoincrease process.

**Action** No action is required for this informational message.

**ADANSG** **{dbid} AUTOINC{xxxx}TOTAL smaller than existing [ASSO|DATA] size Autoincrease for [ASSO|DATA] is being disabled**

**Explanation** The AUTOINC*xxxx*TOTAL parameter for the ASSO or DATA container specifies a value smaller than the current size of the container. The parameter is set to zero, which disables autoincrease processing for the container.

**Action** To reenable autoincrease processes, reset the AUTOINCASSOTOTAL or AUTOINCDATATOTAL parameter to a nonzero value greater than the current size of the ASSO or DATA container.

**ADANSH** **{dbid} Autoincrease for [ASSO|DATA] will not be performed at this time {reason}**

**Explanation** An attempt was made to initiate an autoincrease process for the ASSO or DATA container, but the current environment does not allow autoincrease processes. A reason (*reason*) is given in the message. Possible reasons include:

- ADAEND/HALT pending
- Autoincrease is not currently enabled
- Conflicting utility running
- Error reading FST
- FST allocation failure
- GCB2 overflow
- Global container change lock unavailable
- Highest possible RABN already reached
- Invalid device type (internal error)
- Invalid autoincrease size: too large/small
- Local container change lock unavailable
- No room in FST for additional extent
- Nucleus in read-only mode
- Nucleus in single-user mode
- Online recovery in progress
- ONLINEINCREASE in progress
- Threshold no longer exceeded
- Unable to calculate used percentage
- Unable to create ICQE

Conflicting utilities are those that require exclusive database control, for example the ADAORD function REORGDB.

The global lock is used only in cluster configurations.

**Action** Contact your technical support representative for assistance if you are unable to resolve the conflict.

**ADANSJ** **{dbid} Remaining cluster nuclei will check autoincrease thresholds**

**Explanation** This message is issued when a terminating cluster nucleus causes a threshold to be exceeded and there is at least one other active nucleus. Because autoincrease processes cannot be initiated during nucleus termination, a check of thresholds will occur on another nucleus.

**Action** No action is required for this informational message.

**ADANSK** **{dbid} Error writing SYNS-83 checkpoint for [ASSO|DATA] autoincrease Response/Subcode {rrr}/{sssss }**

**Explanation** The SYNS-83 checkpoint contains data relating to an autoincrease attempt. The checkpoint could not be created.

**Action** Contact your technical support representative for assistance.

**ADANSL** **{dbid} Autoincrease formatting {ASSO|DATA} started**

**Explanation** This message is printed as a result of an autoincrease process. It indicates that the formatting process of the increased space has started.

**Action** No action is required for this informational message.

**ADANSM** **{dbid} Autoincrease formatting {ASSO|DATA} finished**

**Explanation** This message is printed as a result of an autoincrease process. It indicates that the formatting process of the increased space has finished.

**Action** No action is required for this informational message.

**ADANSN** **{dbid} AUTOINC{xxxx}THRESHOLD set to 0 to disable autoincrease**

**Explanation** An error described in a previous ADANSE or ADANSH message caused the nucleus to disable autoincrease processes for the specified component.

**Action** To re-enable autoincrease processes, reset the ASSO or DATA threshold parameter AUTOINC*xxxx*THRESHOLD to a nonzero value. Contact your technical support representative if you are unable to resolve the earlier failure.

**ADANSP** **{dbid} Extended {ddname} by {nnnnn} {cylinders | blocks}**

**Explanation** This message indicates that the first step of an autoincrease process has successfully completed. It shows the size of the allocated extent for the ASSO or DATA data set.

This size might be smaller than the size requested (see message ADAI79). For example, in z/OS environments, when the size specified in blocks is not a multiple of the blocks-per-track for the device, the size is rounded down to the last multiple.

**Action** No action is required for this informational message.

**ADANSQ** **{dbid} Unable to allocate memory for autorestart WORK buffers**
**Memory requested = {xxx,xxx}**
**Memory acquired = {yyy,yyy}**
**Autorestart will run with one WORK buffer**

**Explanation** This message indicates that a problem occurred allocating memory for the number of work buffers requested for autorestart processing in the ADARUN ARNWORKBUFFERS parameter. The amount of memory requested (*xxx*,*xxx*) and actually amount of memory acquired (*yyy*,*yyy*) are provided in the message. Because of this problem, autorestart processing will run with only one work buffer.

**Action** No action is required for this informational message. However, you might consider adjusting your ADARUN ARNWORKBUFFERS parameter setting.

**ADANT1** **SMGT {activated | deactivated}**

**Explanation** Indicates a change of status in the error handling and message buffering facility.

**ADANT2** **Message buffering {activated | deactivated}**

**Explanation** Indicates a change of status in message buffering.

**ADANT4** **Abnormal termination handler {activated | deactivated}**

**Explanation** Indicates a change of status in the abnormal termination handling or the error handling and message buffering facility.

**ADANT5** **GETMAIN failed for PIN descriptors**

**Explanation** Not enough memory was available to add new PINs. Adabas runs without the PIN module.

**Action** Increase the size of the region available to the Adabas nucleus.

**ADANT6** **Module {module-name} load failed**

**Explanation** Unable to load the specified module. The error handling and message buffering facility runs without the module.

**Action** Ensure that the module is available to the error handling facility by placing it in the Adabas program library.

**ADANT7** **Invalid exit {exit-code}**

**Explanation** The exit-code indicated in the message is not a valid code, or is not in the correct state for the command requested. Adabas rejects the command.

**Action** Ensure that the exit-code is correct. If it is, ensure that the exit is in a state that allows the requested command.

**ADANT8** **Exit {exit-code} in use module({module-name})**

**Explanation** The exit-code specified in the message indicates an active exit. Adabas rejects the command.

**Action** Ensure that the exit-code is correct. If it is, ensure that the exit is in a state that allows the requested command.

**ADANT9** **No module name for exit load**

**Explanation** Adabas cannot load the exit without the name of the module. Adabas rejects the command.

**Action** Retype the SGMT,XLOAD command and include a member name for the exit.

**ADANTA** **Exit {exit-code} not loaded**

**Explanation** A command that requires an exit cannot be processed because the exit is not loaded. Adabas rejects the command.

**Action** Ensure that the exit-code is correct. If it is, load the exit.

**ADANTB** **exit {exit-code} module {exit-module-name} status: {active | inact | loaded | crit | notcrt}**

**Explanation** The status (active, not active, loaded, critical, or not critical) of an exit changed as a result of an operator command, and this messages provides the details.

**ADANTC** **Invalid SNAP parameters**

**Explanation** The parameters provided for a SNAP command are invalid. Adabas rejects the command.

**Action** Ensure that the addresses provided to the SNAP command are correct.

**ADANTD** **PIN routine {pin-number} disabled**

**Explanation** The specified PIN routine has been disabled.

**ADANTE** **PIN routine {pin-number} not found**

**Explanation** The PIN routine for the previous command was not found. Adabas rejects the command.

**Action** Ensure that the PIN routine is correct and reissue the command.

**ADANTF** **PIN routine {pin-number} enabled**

**Explanation** The specified PIN routine has been enabled.

**ADANTG** **PIN module {module-name} loaded**

**Explanation** The specified PIN module has been loaded.

**ADANTH** **PIN module {module-name} deleted**

**Explanation** The specified PIN module has been removed from memory.

**ADANTI** **PIN module {module-name} not {found | valid}**

**Explanation** The PIN module for the previous command is not available. Adabas rejects the command.

**Action** Ensure that the PIN module name is correct, and that the PIN module is in the Adabas library; then reissue the command.

**ADANTJ** **{ FULL | SNAP } dumps taken for events**

**Explanation** Indicates whether a full dump or a snap dump is taken.

**ADANTM** **Message buffering unable to activate**

**Explanation** Message buffering cannot be activated.

**Action** Add the MSGBUF= parameter to the initial ADARUN parameters.

**ADANX1** **Command {cmd} Command-ID {hex-cid} FNR {file-number} Response {rsp-code} Subcode {rsp-subcode} FLD {field-name} TID {hex-internal-userid} UID {open-userid} JOB {jobname} SECUID {security-id}**

**Explanation** Format of the diagnostic information produced by the Adabas PINRSP or PINUES routine. The PINRSP routine will produce only the cmd, hex-cid, rsp-code, and rsp-subcode information.

**ADANY1** **Adabas must be run from an authorized environment**

**Explanation** The PIN ADAMXY detected a S047 abend.

**Action** Run Adabas from an authorized load library.

**ADANY4** **Error occurred in routine: {routine-name}**

**Explanation** The PIN ADAMXY determined that the particular error is in the identified routine.

**Action** Refer to the appropriate operating system documentation for a description of the system abend that occurred.

| | |
|---|---|
| **ADANZ1** | **Adabas SMGT terminated** |
| **Explanation** | Adabas is in the process of termination, and the error handling and message buffer facility functions have been terminated. |

| | |
|---|---|
| **ADEN1** | **Invalid control string: {string}** |
| **Explanation** | Adabas Online System internal error. |
| **Action** | Contact your technical support representative. |

| | |
|---|---|
| **ADONIS1** | **Load failed on SMGT module {module-name}** |
| **Explanation** | A load module for the error handling and message buffering facility could not be loaded. Adabas runs without the facility. |
| **Action** | Ensure that all modules for the error handling and message buffering facility installed with Adabas are still in the distributed library. If modules are missing, restore a copy of the module from a backup and apply any maintenance. |

## ADATCP messages ADACM* messages ADATCP Messages (Prefix ADACM)

The ADATCP component displays several information or error messages on the system console. The functionality for which ATACM* ADATCP messages might be displayed is now largely provided by Entire Net-Work components.

| | |
|---|---|
| **ADACM007E** | **Parm error** |
| **Explanation** | One of the parameters passed within the URL was incorrect. |
| **Action** | Ensure that the URL includes valid values for all required elements: the API name (protocol), stack ID, and port number. Correct the URL and try again. |

| | |
|---|---|
| **ADACM008E** | **Invalid value in PORT= parameter** |
| **Explanation** | The port that was specified in the URL was not valid. |
| **Action** | The port number can be 1-5 bytes; it cannot be zero (0) or greater than 65535. |

| | |
|---|---|
| **ADACM009E** | **URL={url} already {active \| closed}** |
| **Explanation** | Either the URL is already opened (ACTIVE) or already closed (CLOSED). |
| **Action** | Ensure that the URL includes valid values for all required elements: the API name (protocol), stack ID, and port number. Correct the URL and try again. |

| | |
|---|---|
| **ADACM010E** | **URL={url} not found** |
| **Explanation** | The URL itself was not found. |
| **Action** | Ensure that the URL includes valid values for all required elements: the API name (protocol), stack ID, and port number. Correct the URL and try again. |

| | |
|---|---|
| **ADACM011I** | **URL={url} has been {closed \| opened}** |
| **Explanation** | The URL was successfully closed or opened. |

# VI


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# 8 Nucleus Startup Error Messages

This section describes error messages and response codes issued by the Adabas nucleus. These errors may occur during nucleus startup, usually as the result of an ADARUN parameter error. The nucleus prints an error message and then terminates with an abnormal end (abend) code of 20 (see the **abend code descriptions**).

Refer to the Adabas Operations documentation for a description of the ADARUN parameters.

These error messages have the following format:

```
PARM-ERROR nnn [detected during system open]
```

-where "nnn" is one of the startup errors and has the corresponding meaning described here. The error message may be followed by a brief error description.

**PARM-ERROR 1**

**Explanation** The Associator data set(s) could not be opened or an error occurred during processing of the GCBs:

- invalid or incorrect DEVICE parameter;
- missing or invalid JCL or data sets for ASSO;
- mismatching database ID; or
- missing checkpoint file.

This error may result from a data set not located on a cylinder boundary.

**Action** For single-user mode, the appropriate Adabas job control statements must be specified.

**PARM-ERROR 2**

**Explanation** Data Storage data set(s) could not be opened. This probably indicates missing or invalid JCL or data sets for DATA.

**Action** For single-user mode, the appropriate Adabas job control statements must be specified.

**PARM-ERROR 3**

**Explanation** The Work data set could not be opened, or the last Work block was not readable. This probably indicates invalid DDWORKR1 JCL or data set, or a data set not located on a cylinder boundary.

**Action** For single-user mode, the appropriate Adabas job control statements must be specified.

**PARM-ERROR 4**

**Explanation** The value of the ADARUN statement's number of threads (NT) parameter is invalid. The allowed range is from 4 to 250.

**PARM-ERROR 5**

**Explanation** The value of the ADARUN statement's number of hold queue elements (NH) parameter is invalid. The allowed range is from 20 to 16,777,215.

**PARM-ERROR 6**

**Explanation** The value of the ADARUN statement's user queue element count (NU) parameter is invalid. The allowed range is from 20 to 16,777,215.

**PARM-ERROR 7**

**Explanation** The value of the ADARUN statement's user ISN hold queue count (NISNHQ) is invalid. The allowed maximum is either the NH ADARUN parameter setting or 16,777,215 (whichever is smaller).

**PARM-ERROR 8**

**Explanation** The value of the ADARUN statement's command queue element count (NC) parameter is invalid. The allowed range is from 20 to 32,767.

**PARM-ERROR 9**

**Explanation** The value of the ADARUN statement's Adabas cluster nucleus ID (NUCID) is invalid. The maximum value is 65000.

**PARM-ERROR 10**

**Explanation** The value of the ADARUN statement's ISN list table length (LI) parameter is invalid. The minimum value is 2000.

**PARM-ERROR 11**

**Explanation** The value of the ADARUN statement's sequential command table (LQ) parameter is invalid. The minimum value is 2000.

**PARM-ERROR 12**

**Explanation** The value of the ADARUN statement's buffer pool length (LBP) parameter is invalid. The minimum value is 80,000.

**PARM-ERROR 13**

**Explanation** The value of the ADARUN statement's internal format pool (LFP) parameter is invalid. the minimum value is 6000.

**PARM-ERROR 14**

**Explanation** The value of the ADARUN statement's work pool length (LWP) parameter is invalid. The minimum value is 80,000.

**PARM-ERROR 15**

**Explanation** The value of the ADARUN statement's sort area length size (LS) parameter is invalid. The allowed range is from 19,968 to (LWP/2) -19,968.

**PARM-ERROR 16**

**Explanation** The value of the ADARUN statement's security pool length (LCP) parameter is invalid. The allowed range is from 2000 to 16,777,215.

**PARM-ERROR 17**

**Explanation** With Adabas Transaction Manager, the size of Work part 1 (the value of the ADARUN statement's LP parameter) is less than 200 blocks or greater than the Work data set size minus the space required for Work part 2 (the LWKP2 parameter), and Work part 3 (minimum of 50 blocks).

**PARM-ERROR 18**

**Explanation** Fewer than 50 blocks are available for Work part 3. Autorestart has been executed.

**PARM-ERROR 19**

**Explanation** The Work data set contains autorestart information for a different DBID or from a different Adabas version.

**Action** Provide the correct Work data set and restart the nucleus.

**PARM-ERROR 20**

**Explanation** GETMAIN below the 16MB line failed.

**PARM-ERROR 21**

**Explanation** The general control blocks (GCBs) contain an invalid device type. The GCBs may have been overwritten, damaged, or otherwise destroyed.

**PARM-ERROR 22**

**Explanation** An I/O error occurred when writing ASSO. The region is too small. The RABN that was to be written is printed.

**PARM-ERROR 23**

**Explanation** A nucleus entry already exists in the data integrity block (DIB) for one of the following reasons:

- An attempt was made to start a nucleus while another update nucleus was still active; or
- The previous nucleus session terminated abnormally but the "nucleus" DIB entry was not removed.

**Action** If a DIB entry remained after an abnormal termination, rerun the job with the ADARUN IGNDIB=YES parameter. If the FORCE=YES parameter had been applied, then the nucleus must be started with FORCE=YES and IGNDIB=YES. Here the DIB entry will only be removed once the ID Table initialization had been successful. Running with IGNDIB=YES alone will result in a PARM-ERROR 26.

**PARM-ERROR 24**

**Explanation** An I/O error occurred when reading ASSO. The RABN that was to be read is printed.

**PARM-ERROR 25**

**Explanation** The Adabas nucleus cannot be started because a conflicting utility DIB entry was found. Either a utility with exclusive database control or an ADASAV (SAVE FILE or SAVE database) job is running.

**Action** If an ADASAV SAVE FILE or ADASAV SAVE (database) ended abnormally, the nucleus can be restarted with the ADARUN IGNDIB=YES parameter; however, the save tape cannot be used for future RESTORE operations.

**PARM-ERROR 26**

**Explanation** Interregion communication could not be established.

**Action** This message should be preceded by message ADAM98. If the ADAM98 error reason is "DUPLICATE ID (LOCAL)" and a previous nucleus ended such that it was not able to clean up, you may wish to restart specifying FORCE=YES. Refer to ADAM98 message documentation for information about other possible errors.

If IGNDIB=YES was specified, then the nucleus must be started with FORCE=YES and IGNDIB=YES. Here the DIB entry will only be removed once the ID Table initialization had been successful. Running with FORCE=YES alone will result in a PARM-ERROR 23.

**Note:** Specifying FORCE=YES with the DBID of a currently active nucleus can disrupt operations on that nucleus. In addition, users of the old database whose ID is overwritten by the FORCE=YES option lose access to the database. Therefore, FORCE=YES should only be specified if absolutely necessary . For more information, refer to the FORCE parameter description in the Adabas Operations documentation.

**PARM-ERROR 27**

**Explanation** The ADARUN statement's PLOGRQ parameter is specified as or defaults to YES, FORCE, or SEL, but a protection log and related parameters have not been provided.

**PARM-ERROR 28**

**Explanation** The protection log (PLOG) data set(s) could not be opened, or the last dual or multiple PLOG block was not readable. This is probably due to incorrect PLOG data set definition, specification, or job control statements.

**PARM-ERROR 29**

**Explanation** Invalid command log (CLOG) device definition.

**PARM-ERROR 30**

**Explanation** FREEMAIN error.

**PARM-ERROR 31**

**Explanation** System autorestart error (see the nucleus response code).

**PARM-ERROR 32**

**Explanation** Error during buffer flush.

**PARM-ERROR 33**

**Explanation** Error during Work initialization.

**PARM-ERROR 34**

**Explanation** The nucleus is not allowed to start with READONLY=YES when an autorestart is pending.

**PARM-ERROR 35**

**Explanation** File control block (FCB) check failed. The FCB may have been overwritten or otherwise destroyed.

**PARM-ERROR 36**

**Explanation** Timer initialization failed, or operator communication could not be established.

**PARM-ERROR 37**

**Explanation** GETMAIN in common storage (CSA) failed; interregion communication could not be established. The specific reason is given in a detailed ADAM*nn* message.

**PARM-ERROR 38**

**Explanation** DIB overflow.

**PARM-ERROR 39**

**Explanation** Work pool is too small for the number of threads.

**Action** Increase the LWP parameter value to at least 25 kilobytes times the number of threads.

**PARM-ERROR 40**

**Explanation** Database version mismatch: the database is not version *version revision-level*.

**Action** Run the ADACNV utility to bring the database to the correct version.

**PARM-ERROR 41**

**Explanation** Parallel participant table (PPT) initialization error:

- an I/O error occurred reading or writing a PPT block (RABN); or
- a PPT length error occurred when a bad PPT block was encountered.

| | |
|---|---|
| 1 | An error occurred reading the PPT block (RABN) to determine the PLOG entries from the last database session. |
| 2 | An error occurred trying to obtain the constant set for the PPT. |
| 3 | An error occurred in the PPT verification routine. |
| 4 | The PPT area is full and already contains 32 PPT entries that may be from cluster or non-cluster nuclei. To prevent losing data the nucleus is not permitted to start. Please make sure all relevant PLOG data sets are copied. An ADACHK PPTPRINT will help identify all the PLOG data sets. |
| 5 | An error occurred attempting to check for any active PPT blocks. |
| 6 | An error occurred while reading the PPT block prior to updating it. |
| 7 | A bad file name was detected in the PPT for the Work data set. |
| 8 | An error occurred trying to obtain the constant set for the PPT in order to log the Work data set in the PPT for the first time (no previous entry was found in the PPT for the Work data set). |
| 9 | A bad file name was detected in the PPT for the Work data set when logging the PPT entry for the first time (no previous entry was found for the Work data set). |
| 10 | An error occurred trying to obtain the constant set for the PPT entry in order to override a previous PPT entry. |
| 11 | A bad file name was found when attempting to log the PLOGR1 data set in the PPT. |
| 12 | A bad file length was found when attempting to compare the new PLOGR1 data set against the old one. |

| | |
|---|---|
| 13 | A bad file name was found when attempting to log the PLOGR2 data set in the PPT. |
| 14 | A bad file length was found when attempting to compare the new PLOGR2 data set against the old one. |
| 15 | An error occurred trying to obtain the constant set for the PPT prior to updating the PPT. Either a different PLOG data set was detected or no PLOGs are being used. |
| 16 | An error occurred when trying to obtain the constant set for the PPT prior to writing the PPT. |
| 15 | An error occurred when attempting to read the PPT block to ensure that no other nucleus is currently using the same PLOG. |
| 18 | An error was detected in the PLOG data set name when attempting to compare the current entry against other active entries in the cluster. |
| 20 | An internal error occurred attempting to initialize the PPT. Please contact your Adabas support representative supplying the DDPRINT and dump from the current session, a PPTPRINT, and the DDPRINT from the previous session. |

**PARM-ERROR 42**

**Explanation** Error detected during system open:

- error writing PPT RABN; or
- a Work data set was already in use by another nucleus.

**PARM-ERROR 43**

**Explanation** Error detected during system open:

- either a PLOG was supplied that was different from the one used in the previous session, or no PLOG was supplied. The PLOG from the previous session has not yet been copied.
- PLOGRQ=FORCE was specified and either the PLOG from the previous session has not yet been copied or a UEX2 or UEX12 has not been specified.

**PARM-ERROR 44**

**Explanation** A noncluster nucleus attempted to start after a cluster failure; or, the first cluster nucleus is starting but there are already active blocks in the PPT. The nucleus is not allowed to start. Switching from single-nucleus mode to multi-nucleus cluster mode or from multi-nucleus cluster mode to single-nucleus mode is not allowed after an abnormal session termination.

**PARM-ERROR 45**

**Explanation** GETMAIN above the 16MB line failed; memory-related parameters probably too big.

**PARM-ERROR 46**

**Explanation** UQE could not be generated.

**Action** Increase NU parameter.

**PARM-ERROR 47**

**Explanation** An I/O error occurred when reading or writing to the Work data set for one of the following reasons:

- The GCB doesn't match the actual size of the Work data set
- ADARUN LP is larger than the Work data set,
- ADADEF NEWWORK was not run after allocating a new Work data set

The RABN that was to be read or written is printed.

**PARM-ERROR 48**

**Explanation** An error occurred during checkpoint generation:

- the takeover of checkpoints generated by offline utilities failed; or
- creation of the session start checkpoint failed.

**PARM-ERROR 49**

**Explanation** An I/O error occurred while reading or writing dual or multiple PLOGs. The RABN that was to be read or written is printed.

**PARM-ERROR 50**

**Explanation** Dual or multiple PLOG contains data from another database.

**PARM-ERROR 51**

**Explanation** Parameter conflict: READONLY=YES is not permitted with UTIONLY=YES.

**PARM-ERROR 52**

**Explanation** No dual or multiple PLOG available for protection logging. All PLOGs are due to be copied.

**PARM-ERROR 53**

**Explanation** At least one of the specified PLOG data sets is already in use by another nucleus in the cluster.

**PARM-ERROR 54**

**Explanation** IGNDIB=YES was specified but the DIB does not contain a conflicting nucleus or utility entry.

**Action** Remove the IGNDIB parameter.

**PARM-ERROR 55**

**Explanation** Error while attempting to lock or unlock a global resource. An ADAN54 message preceding this parameter error indicates the specific global resource that could not be locked/unlocked.

**PARM-ERROR 56**

**Explanation** A DIB entry was found with an inconsistent group name. The associated nucleus may still be active. The DIB entry can be removed only by a nucleus of the same type (single, cluster) and the same CLUGROUPNAME as the DIB entry's owner.

**PARM-ERROR 57**

**Explanation** DIB entry missing. Another cluster nucleus is already active on this database, but its DIB entry is not present.

**PARM-ERROR 58**

**Explanation** The Work block size is too small to store the maximum compressed data record permitted in this database according to MAXRECL definition.

**Action** Increase the Work block length.

**PARM-ERROR 59**

**Explanation** The Work block size is too small for the largest Associator block size present in this database.

**PARM-ERROR 60**

**Explanation** The PLOG block size is too small to store the maximum compressed data record permitted in this database according to MAXRECL definition.

**PARM-ERROR 61**

**Explanation** Important fields in the GCBs changed while this nucleus was starting. The nucleus is not able to handle this situation.

**Action** Restart the nucleus.

**PARM-ERROR 62**

**Explanation** CPU timer initialization failed.

**PARM-ERROR 63**

**Explanation** RRDF=YES is not allowed. Note that the RRDF/ENET option for maintaining shadow databases is currently unavailable for cluster nuclei.

**PARM-ERROR 64**

**Explanation** An attempt was made to start a nucleus without first formatting the protection logs (PLOGs).

**PARM-ERROR 65**

**Explanation** The ADARUN statement's NSISN parameter value is greater than the allowed maximum of (Work block size - 6) / 4.

**PARM-ERROR 66**

**Explanation** The ADARUN statement's LU parameter specifies a value greater than the byte count implied by the NAB (number of attached buffers) parameter. The error was detected during open operation.

**PARM-ERROR 67**

**Explanation** Initialization failed for DTP=RM or DTP=TM either because of conflicts in the DTP (distributed transaction processing) ADARUN parameter settings (perhaps with the MODE, READONLY, or LOCAL parameter settings as well) or because of problems with the DDWORKR4/WORKR4 data set used in transaction management. For more information, read about the DTP ADARUN parameter in the *Adabas Operations Manual* and the DDWORKR4/WORKR4 data set in *Adabas DBA Tasks*.

**Action** Review the message(s) that precede this parameter error to determine the cause and resolution of the problem.

**PARM-ERROR 68**

**Explanation** With Adabas Transaction Manager installed, an invalid parameter was specified with DTP=TM:

- single user mode (MODE=SINGLE) is not allowed.
- LOCAL=YES is not allowed.
- READONLY=YES is not allowed.

**PARM-ERROR 69**

**Explanation** The value specified for the DTP parameter is invalid.

**Action** Specify "RM" or "TM" or "NO".

**PARM-ERROR 70**

**Explanation** Error during generation of predefined formats:

- Reading system-file FCB or FDT failed;
- Translating internal format failed; or
- Pool for system-internal formats is too small.

**PARM-ERROR 71**

**Explanation** With Adabas Transaction Manager installed, an invalid parameter was specified with NUCID:

- MODE=SINGLE is not allowed.
- READONLY=YES is not allowed.
- LFIOP must be nonzero.
- If protection logs are used, dual or multiple PLOGs must be specified.
- MXMSG must be between 1 and 32767.
- NUCID must not equal UBID.

**PARM-ERROR 72**

**Explanation** Initialization of recovery logging failed.

**PARM-ERROR 73**

**Explanation** Response code 75 (ADARSP075) or 77 (ADARSP077) was received because the checkpoint file is full. Checkpoints from offline utilities may have been lost.

**Action** Start the nucleus with UTIONLY=YES and reorder/increase the checkpoint file.

**PARM-ERROR 74**

**Explanation** The database will not start until the PLOG data sets have been copied or reformatted. Most likely, the database was restored and the PLOG data sets had not yet been copied. They still may be needed for the regenerate function.

**Action** If the contents of the PLOG data sets are needed for a possible future regenerate function, run ADARES PLCOPY to copy them off. If the PLOGs are not needed, reformat them using the ADAFRM PLOGFRM function. In either case, start the nucleus after freeing the PLOG data sets.

**PARM-ERROR 75**

**Explanation** The nucleus cannot run with the recovery log (RLOG) feature if it runs without PLOG or if PLOGRQ=SEL is specified. The protection log (PLOG) data set is not available; that is, PLOGRQ=SEL or PLOGRQ=NO is specified.

**PARM-ERROR 76**

**Explanation** The nucleus was started with DTP=TM or DTP=NO, but Work Part 4 contains data about in-doubt transactions.

**Action** Start the nucleus with DTP=RM.

**PARM-ERROR 77**

**Explanation** Machine clock (STCK) problem. The system was IPLed with the clock not set and running or set to an invalid date.

**Action** Correct the date (timestamp) and restart the nucleus.

**PARM-ERROR 78**

**Explanation** Work part 2 has become too small because Work part 4 contains two-phase commit data that must be retained.

**PARM-ERROR 79**

**Explanation** The ENET user exit 10 is missing.

**PARM-ERROR 80**

**Explanation** ADACLU initialization failed and the nucleus terminated. A preceding PLX*nnn* message from ADACLU provided more detailed information.

**Action** Refer to the explanation and action of the preceding PLX*nnn* message.

**PARM-ERROR 81**

**Explanation** A read-only (READONLY=YES) or single-user (MODE=SINGLE) nucleus cannot start if DTP=RM is specified.

**PARM-ERROR 82**

**Explanation** During session open, the system detected that a Delta Save logging (DLOG) area was installed but parameter DSF was not set to YES. DSF=YES must be specified to run with the Delta Save Facility.

**Action** Restart the nucleus with parameter DSF=YES.

Alternatively, restart the nucleus with parameter DSF=NO; the nucleus then removes the DLOG area and runs in non-Delta Save mode.

**Caution:** After switching to non-Delta Save mode, it is not longer possible to perform delta save operations.

**PARM-ERROR 83**

**Explanation** Initialization of the Delta Save Facility failed. A preceding Delta Save operator message indicates the cause of the failure.

**Action** Check messages from ADADSF.

**PARM-ERROR 84**

**Explanation** The DSF logging area could not be removed. Another Adabas cluster nucleus is already running with Delta Save Facility active.

**Action** Start the nucleus with DSF=YES.

**PARM-ERROR 85**

**Explanation** The previous nucleus session terminated with Work overflow. The nucleus has no free space on Work part 1 for protection information that will be produced during session autorestart.

**Action** In a cluster environment (Adabas Cluster Services or Parallel Services), start a different cluster nucleus (possibly a new one) with sufficient free space on Work part 1. In a non-cluster environment (base Adabas), restore and regenerate the database.

**PARM-ERROR 86**

**Explanation** VOL-SER table could not be established.

**PARM-ERROR 87**

**Explanation** International Components for Unicode for Software GmbH (ICS) initialization failed.

**PARM-ERROR 90**

**Explanation** Invalid ADATCP configuration or UES=NO. Running with TCPIP=YES requires universal encoding support.

**Action** Check and correct, if necessary, the TCPURL parameter. Install UES and specify UES=YES.

**PARM-ERROR 91**

**Explanation** Adabas cluster initialization failed. Either the program was not running authorized or the GETMAIN failed.

**Action** Ensure that the program is APF-authorized. Review the space requirements for your system. If you are unable to determine the problem, contact your technical support representative.

**PARM-ERROR 92**

**Explanation** During session open, an attempt to join the Adabas cluster communication group failed. This error initializing the Adabas cluster messaging service is preceded by other messages explaining the specific error.

**PARM-ERROR 93**

**Explanation** Connect to lock structure failed.

**Action** Review the lock structure definition requirements. If you are unable to determine the problem, contact your technical support representative.

**PARM-ERROR 94**

**Explanation** Connect to cache structure failed.

**Action** Review the cache structure definition requirements. If you are unable to determine the problem, contact your technical support representative.

**PARM-ERROR 95**

**Explanation** Communication with other active Adabas cluster nuclei failed.

**Action** Review the requirements for communication between cluster nuclei running on the same operating system image and between operating system images running members of the cluster. If you are unable to determine the problem, contact your technical support representative.

**PARM-ERROR 96**

**Explanation** Inconsistent structure name. Another Adabas cluster nucleus is already running with a different CLUCACHENAME or CLULOCKNAME parameter.

**Action** Ensure that all nuclei in a sysplex cluster use the same coupling facility cache and lock structure names.

**PARM-ERROR 97**

**Explanation** Incompatible global parameters. Another Adabas cluster nucleus is already running with incompatible global parameters that cannot be modified online.

**Action** Reset nonmodifiable global ADARUN parameters the same for all cluster nuclei. You may be required to stop nuclei, change the parameter settings, and restart.

**PARM-ERROR 98**

**Explanation** Locking/unlocking an Adabas cluster resource failed.

**Action** Contact your technical support representative.

**PARM-ERROR 99**

**Explanation** Internal error.

**Action** Contact your technical support representative.

**PARM-ERROR 100**

**Explanation** There are more than 31 nuclei in an Adabas Parallel Services cluster; this is not allowed.

**Action** Reconfigure your Adabas Parallel Services cluster so that you have 31 or fewer participating Adabas nuclei.

**PARM-ERROR 101**

**Explanation** Invalid parameters specified with CLOGMRG=YES; LOGGING=YES is required; dual or multiple CLOGs are required.

**Action** Specify the correct ADARUN parameters and restart the session.

**PARM-ERROR 102**

**Explanation** A cluster nucleus was started after abnormal termination with a different WORK data set. The PPT indicates that the previously used WORK data set still contains data, but this Cluster Service or Parallel Service nucleus was started with a different WORK data set.

**Action** Restart the cluster nucleus with the previously used WORK data set. Change the WORK data set only after normal termination.

**PARM-ERROR 103**

**Explanation** Incompatible usage of dual PLOG data sets.

If the first active nucleus uses PLOG data sets, all subsequent nuclei *must* use PLOG data sets. If the first active nucleus does not use PLOG data sets, all subsequent nuclei must *not* use PLOG data sets.

**PARM-ERROR 104**

**Explanation** Incompatible usage of UEX2 or UEX12.

If the first active nucleus uses either UEX2 or UEX12, all subsequent nuclei *must* use either UEX2 or UEX12. If the first active nucleus does not use UEX2 or UEX12, all subsequent nuclei must *not* use UEX2 or UEX12.

**PARM-ERROR 105**

**Explanation** Improper configuration of Global Resource Serialization (GRS). A resource lock acquired by this nucleus was ineffective against a peer nucleus.

**Action** Contact your system programmer to ensure that GRS is configured in a way that GRS resource locks are mutually effective against one another on all systems on which you intend to run Cluster Services nuclei.

**PARM-ERROR 106**

**Explanation** When LOCAL=YES is specified, all cluster nuclei for a database must start on the same system.

**Action** If LOCAL=YES is the intended parameter setting, start all cluster nuclei for the database on the same system. Otherwise, change the parameter setting to LOCAL=NO.

**PARM-ERROR 107 Replication initialization error**

**Explanation** An error occurred during initialization of replication. Refer to the messages preceding Parm-Error 107 to determine what action to take.

**Action** Correct the condition specified in the message(s) displayed before Parm-Error 107 and restart initialization of replication.

If the replication definitions are stored on the Replicator system file and a change must be made to the Event Replicator Server definitions, complete the following steps:

1. Temporarily set the ADARUN parameter RPLPARMS to NONE.
2. Start the Event Replicator Server.
3. Make the related changes to the replication definitions in the Replicator system file.
4. Shut down the Event Replicator Server.
5. Change the ADARUN parameter RPLPARMS back to its original value.
6. Start the Event Replicator Server.

**PARM-ERROR 109**

**Explanation** The Adabas nucleus tried to load a valid license module (load module ADALIC), but errors occurred. Other error messages providing more information about the error accompany this nucleus startup error

**Action** Verify that you have received a valid Adabas license (via the installation media) and that it was installed correctly, according to the Adabas database installation steps specific to your operating environment. If problems persist, contact your technical support representative for assistance.

**PARM-ERROR 110**

**Explanation** An error occurred when the Adabas nucleus called a hyperdescriptor exit for initialization.

**Action** Investigate the response code and subcode to determine the reason for the error.

**PARM-ERROR 111**

**Explanation** A parameter value for cluster nuclei is invalid:

- MXCANCEL must be between 15 and 2,147,483,647 seconds.
- MXCANCELWARN must be zero (0) or between 4 and (MXCANCEL–1) seconds.
- MXMSG must be between 15 and 32,767 seconds.
- MXMSGWARN must be zero (0) or between 4 and (MXMSG–1) seconds.
- MXSTATUS must be zero (0) or between 15 and 21,474,836 seconds.
- MXWTOR must be zero (0) or between 15 and 64,800 seconds.

**Action** Correct the invalid parameter value to one of the valid values listed above.

**PARM-ERROR 113**

**Explanation** GETMAIN above the 2G bar failed. The memory-related parameters are probably too big.

**Action** Verify that the requested 64-bit space is available to the nucleus.

**PARM-ERROR 115**

**Explanation** An error occurred initializing ADASMF

**Action** Review other messages accompanying or preceding this error to determine what happened and what action should be taken.

**PARM-ERROR 116**

**Explanation** Invalid parameters were specified with the LOGWARN ADARUN parameter. Either ADARUN parameter UEX2 or UEX12 must be supplied when the LOGWARN parameter has been specified.

**Action** Remove the LOGWARN parameter or specify a UEX2 or UEX12 ADARUN parameter with it.

**PARM-ERROR 117**

**Explanation** Invalid parameters were specified for the ASSOSPACEWARN or DATASPACEWARN ADARUN parameter.

**Action** Correct the specification for ASSOSPACEWARN or DATASPACEWARN ADARUN parameter.

**PARM-ERROR 118**

**Explanation** An invalid autoincrease parameter was specified. The AUTOINCASSOTHRESHOLD or AUTOINCDATATHRESHOLD were not set to "0" or in the range from 50-100.

**Action** Correct the invalid parameter value and try again.

**PARM-ERROR 120**

**Explanation** An invalid autoincrease AUTOINC*xxxx*TOTAL parameter was specified. The specification for the AUTOINCASSOTOTAL or AUTOINCDATATOTAL parameter is smaller than the currently allocated size for the ASSO or DATA data set or exceeds 2,147,483,647 blocks or 16,777,215 blocks (3-byte RABNs).

**Action** Correct the invalid parameter value and try again.

**PARM-ERROR 121**

**Explanation** An invalid parameter value was specified for AUTOINCASSOSIZE or AUTOINCDATASIZE. The value was specified in blocks, but the size specified was smaller than the number of blocks per track for the device.

The value must be either zero (0) or a number not smaller than the device track size. In z/OS environments, the minimum extent size is one track.

**Action** Correct the invalid parameter value and try again. Specify a size that is either zero (to disable autoincrease for the component) or the minimum number of blocks for one full track.

**PARM-ERROR 123**

**Explanation** UPDATECONTROL / INDEXUPDATE parameter conflict: UPDATECONTROL=NODELAY is permitted only if INDEXUPDATE=ADVANCED is specified.

**Action** Specify either INDEXUPDATE=ADVANCED or UPDATECONTROL=DELAY (or omit the UPDATECONTROL parameter) and start the nucleus again.

**PARM-ERROR 124**

**Explanation** The software level of this nucleus is not compatible with that of active cluster nuclei. See the preceding ADAX6C messages for details.

**Action** Check the Release Notes to confirm this is an incompatible combination. For more information contact your technical support representative.

**PARM-ERROR 127**

**Explanation** Error in cluster-wide Work access. A preceding message indicates the nature of the error.

**PARM-ERROR 128 Invalid parameter specified with ZIIP=YES: – {(list of possible reasons)}**

**Explanation** An Adabas component or feature is being used or has been specified that is not supported by Adabas for zIIP (AZPAD). The message shows a list of components or features that are not compatible with ZIIP=YES.

**Action** Either remove the ZIIP parameter or specify ZIIP=NO, or remove or deactivate the specified component or feature that is not supported with ZIIP=YES.

**PARM-ERROR 129 zIIP initialization failed**

**Explanation** The initialization of the zIIP-related services of Adabas failed. A preceding ADAZ*nn* message provides more information about the failure.

**Action** Consult the documentation for the ADAZ*nn* message preceding this error message.

**PARM-ERROR 130 Auditing initialization error - detected during system open**

**Explanation** Once AUDITING is turned on, the only option allowed for the AUDITING parameter is YES.

**Action** Set `AUDITING = YES`.

# 9 Adabas Response Codes

After each Adabas command is processed, a response code is returned in bytes 11 and 12 of the ACB or in the ACBX. Some response codes also return a subcode in the rightmost two bytes of the ACB's Additions 2 field (offset 45-48) or in the ACBX's Error Subcode (ACBXERRC) field (offset 115-116). This section describes those response codes and subcodes.



**Note:** Proprietary functions of Adabas may also return response codes and subcodes, some of which are not described here. Refer to the documentation for those functions for more information.

Response code 0 indicates that the Adabas command was processed successfully; any other response code is returned as a result of an error during command processing.

All Adabas commands resulting in a response code other than 0 (ADARSP000), 1 (ADARSP001), and 145 (ADARSP145) restore all Adabas control block fields except the response code field (see the Adabas Command Reference documentation) to the contents the fields held at the beginning of command execution.

For internal errors, contact our support.

| **Response 0** | |
|---|---|
| **Origin** | Mainframe and open systems |
| **Explanation** | The command was executed successfully. |

**Response 1**

**Origin** Mainframe and open systems

**Explanation** The meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

Depending on the subcode in the rightmost two bytes of the ACB's Additions 2 field or the ACBX's Error Subcode (ACBXERRC) field, one of the following has occurred:

| Subcode | Meaning |
|---|---|
| 1 | An online SAVE operation cannot be executed without the nucleus' PLOG. |
| 2 | The selected record is not allowed. |
| 3 | S2 command did not have enough space. |
| 4 | S2/S9 internal program error. |
| 5 | System was not in save status at the end of an online ADASAV. |

**Note:** When one of the subcodes 2-4 is present, the cause could be an S*x* command using security-by-value that found at least one ISN.

**Open Systems**

An ISN list could not be sorted as a result of an excessive number of resulting ISNs, or because during a non-descriptor search a value larger than the corresponding field length in the FDT was found, or because the ISN quantity returned does not correspond with the actual number of records found.

For an S9 command, this response indicates that there is no space available for additional temporary working space. For an S2 command, this response is only a warning and the S2 becomes an S1.

**Action** The method of resolving the error varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

Increase the ADARUN LS parameter value.

**Open Systems**

Provide sufficient disk space for temporary working space or adapt the FDT to the real field length.

**Response 2**

**Origin** Mainframe and open systems

**Explanation** The meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

This response code can only occur with a BT, ET or RI command. The BT, ET or RI command executes successfully. One of the following has occurred, depending on the subcode:

| Subcode | Meaning |
|---|---|
| 1 | Adabas attempted to hold an ISN already being held by another user. |
| 2 | The number of ISNs as specified in the ISN buffer was too large compared to the ISN buffer length (ET or BT command with the M option). |
| 4 | ISN is not on hold during multifetch ET/BT. ET/BT has successfully executed the ISNs so far released. The remaining ISNs are still on hold. |
| 5 | An RI command with ISN=0 could not release from hold status all records held by the user, as requested, because one or more records had been updated earlier in the same transaction. Updated records cannot be released from hold status prior to transaction end. All records that had not been updated have been released from hold status. |

**Open Systems**

The required function has not been executed completely. For an OP command with command option 2 = E or for an RE command, the specified record buffer length was shorter than the length of the ET data read. The record buffer has been truncated.

For an A1//N1/N2 command, a descriptor value with the TR option is larger than 1144 bytes. In this case, only the first 1144 bytes are stored in the index. Search operations for truncated values may be inexact since only the first 1144 bytes are evaluated. The first 2 bytes of the Additions 2 field contain the number of descriptor values truncated, the third and fourth bytes contain the field name of the descriptor value that is truncated.

For an S1/S2/S4/S9 command, the resulting ISN list may not represent the exact result: this is because the search values and the values in the database were truncated after 1144 bytes during the search operation of an S1/S2/S4 command and during the sort operation of an S2/S9 command.

Subcode 5 is set if a RI command with ISN=0 could not release from hold status all records held by the user, as requested, because one or more records had been updated earlier in the same transaction. Updated records cannot be released from hold status prior to transaction end. All records that had not been updated have been released from hold status.

**Action** The method of resolving the error varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Open Systems**

For an OP or RE command, increase the record buffer length or ignore the warning.

For an S1/S2/S4/S9 command, either perform a post-selection using the complete field values, perform your own sort operation using the complete field values, or ignore the warning.

**Response 3**

**Origin** Mainframe and open systems

**Explanation** One of the following has occurred:

- An end-of-file or end-of-list condition was detected.
- A program tried to read or change a multiclient file's record using either a blank or incorrect-length owner ID, or an owner ID that is not allowed for the record.

The following are some possible subcodes:

| Subcode | Meaning |
|---|---|
| 1 | An end-of-file or end-of-list condition was detected (L3/L6 on a non-expanded file). |
| 2 | End of File reached by exceeding the 'TO' ISN in a Read in ISN sequence (option K or J). |
| 4 | End of LOB value reached. An attempt was made to read a LOB value segment that begins after the end of the value. This response code/subcode is given to an L1/L4 command with Command Option 2 set to L if the ISN Lower Limit value is greater than or equal to the length of the LOB value being read. |
| 66 | A program tried to read or change a multiclient file's record using either a blank or incorrect-length owner ID, or an owner ID that is not allowed for the record. |
| 249 | Adabas Vista has determined that no data is available to satisfy this command due to one of the following reasons:<br>■ A partitioned file end-of-file or end-of-list condition was detected.<br>■ None of the partitions were available/online and all of them have the file parameter `Critical` set to NO.<br>*Action:* No action is required. |

**Response 4**

**Origin** Mainframe systems

**Explanation** The internal Adabas TRS storage directory is full.

**Action** Free some of the active queries.

**Response 7**

**Origin** Mainframe systems only

**Explanation** A complex search command was rejected because it was estimated that it would exceed the maximum search time TLSCMD.

**Response 8**

**Origin** Mainframe systems only

**Explanation** The current user's command was interrupted to prevent a Work overflow because of a pending backout operation.

**Action** The value specified for the LP parameter might have to be increased.

**Response 9**

**Origin** Mainframe and open systems

**Explanation** The meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

A subcode indicating the specific cause and action for this response code appears in the low-order (rightmost) two bytes of the ACB's Additions 2 field or in the ACBX's Error Subcode (ACBXERRC) field. The following are the subcodes and their meanings:

| Subcode | Meaning |
|---|---|
| 1 | The user was backed out because the hold queue was full.<br><br>*Action:* Set the number of hold queue elements (ADARUN NH parameter) higher or tune the application to issue more frequent ET commands. |
| 2 | The transaction time limit (TT) has been exceeded, and the transaction was backed out.<br><br>*Action:* Correct the cause of the timeout, then restart the transaction. |
| 3 | The transaction was backed out and one of the following occured:<br><br>■ The transaction non-activity time limit (TNAE, TNAX, or TNAA) has been exceeded.<br>■ The user was stopped by the STOPF or STOPI operator, or an Adabas Online System command. |

| Subcode | Meaning |
|---|---|
| | ■ A security violation response code has been returned for an ET-logic user. Information about response codes for security violations is provided in the Adabas Security documentation.<br>■ When a new user issues an OP cmd with the same user ID (in ADD1) as an earlier user did and the earlier user was inactive for more than 60 seconds, the new user can, by issuing a second OP cmd again (the first OP cmd will get response code 9, subcode 64), take over the user ID of the earlier user. When the earlier user becomes active again, this subcode can be received.<br>■ A potential dead lock situation was detected and was signaled as response code 145 subcode 9 in a previous moment. The following Adabas call then gets response code 9 subcode 3.<br>*Action:* Correct the cause of the timeout, then restart the transaction. |
| 15 | The user was backed out because a pending Work area overflow occurred during the user's transaction. Adabas decides to back out a transaction when its start on Work is approximately 1/4th of ADARUN parameter LP away from the current position on Work.<br>*Action:* Either reduce the transaction length (number of updates) or duration (time between transaction start and end) to lessen the data protection area requirement or increase the data protection area on Work (ADARUN parameter LP). |
| 17 | At the end of an online recovery process that was initiated after the failure of a peer nucleus in an Adabas cluster, the nucleus was unable to reacquire the ETID specified by the user in the Additions 1 field of the OP command.<br>*Action:* (In the application program:) Redo the OP command with the ETID specified in the Additions 1 field to reacquire the user ID. Contact our support. |
| 18 | The user's active transaction was interrupted and backed out because a peer nucleus in an Adabas cluster terminated abnormally.<br>*Action:* (In the application program:) Rerun the transaction. |
| 19 | The user's active command was interrupted and stopped because a peer nucleus in an Adabas cluster terminated abnormally. If the interrupted command was using a command ID (CID), the command ID is deleted.<br>*Action:* (In the application program:) Clean up and reacquire the current context pertaining to Adabas command IDs; rerun the transaction. |
| 20 | The Adabas cluster nucleus assigned to the user terminated while the user had an open transaction. The transaction has been or will be backed out.<br>*Action:* (In the application program:) If the user was defined with a user ID (ETID) in the Additions 1 field of the OP command, redo the OP command |

| Subcode | Meaning |
|---|---|
| | to reacquire the ETID; clean up and reacquire the current context pertaining to Adabas command IDs; rerun the transaction. |
| 21 | The user's active command was waiting for an ISN in hold status when the user was backed out and closed due to a timeout or a STOP command. |
| 22 | The user's active command was waiting for free space in the work pool when the user was backed out and closed due to a timeout or a STOP command. |
| 23 | The user's command was routed to a different cluster nucleus than the one used by previous commands. The user's open transaction has been backed out. It is also possible that the user had already been timed out earlier.<br><br>*Action:* Restart the transaction and any open read sequences. |
| 24 | The user's command was routed to a different cluster nucleus than the one used by previous commands. The user had owned EXU or EXF control over one or more files or had started the Adabas session with an OP command with R-option. As a consequence of creating a new session for the user with the new nucleus, the EXU/EXF control or file list specified in the OP command are no longer in effect.<br><br>*Action:* Restart the Adabas session with a new OP command. |
| 25 | The user's command was routed to a different cluster nucleus than the one used by previous commands. The user had started the Adabas session with an OP command with ETID. As a consequence of creating a new session for the user with the new nucleus, the user is no longer associated with that ETID.<br><br>*Action:* Restart the Adabas session with a new OP command. |
| 26 | The user's command was routed to a different cluster nucleus than the one used by previous commands. Some cluster nucleus terminated abnormally while the new nucleus was creating a new session for the user.<br><br>*Action:* Restart the Adabas session with a new OP command. |
| 62 | An OP (open) command was issued without a user/ET ID, which is required for this type of application or environment.<br><br>*Action:* Correct the program to specify a user/ET ID, and rerun the program. |
| 63 | An OP command was given for an ET user not in ET status. The user is backed out with an Adabas-generated BT command, and the operation is closed.<br><br>*Action:* Repeat the OP call. |
| 64 | An OP command was issued with an 8-byte ET ID that already exists. |

| Subcode | Meaning |
|---|---|
| 66 | An Adabas session with OPENRQ=YES was active, and the user issued an Adabas command without having issued an OP command.<br><br>*Action:* Ensure that all users issue an OP command as the first Adabas command. |
| 67 | Insufficient Work part 1 space for open command with ETID definition when trying to read the user profile. |
| 68 | The user queue element has been deleted. Most likely the command was thrown back due to ISN contention or space shortage. The space shortage is normally workpool space; if this is the case, the LWP parameter setting should be increased. |
| 73 | This subcode is issued by Adabas Transaction Manager.<br><br>The client session had an externally controlled transaction, the outcome of which was “in doubt”. ATM forcibly resolved the “in doubt” transaction. There is a possibility that ATM’s resolution of the transaction might be inconsistent with the intended outcome.<br><br>Check that the outcome of the session’s Adabas changes, in its previous transaction, was consistent with its changes to non-Adabas resources.<br><br>Check the external transaction coordinator for reasons why the original transaction might have been left in the “in doubt” state. If the external coordinator indicates that the transaction was completed, and if the relevant system logs give no indication of the cause of the problem, contact our support. |
| 74 | This subcode is issued by Adabas Transaction Manager.<br><br>The client’s database session has lost its ETID. If a transaction was in progress, ATM attempted to back it out from all affected databases and release all held records.<br><br>Issue a new `OP` command to the database. |
| 75 | This subcode is issued by Adabas Transaction Manager.<br><br>Either a commit operation involving an external transaction coordinator failed, or resynchronization with an external transaction coordinator caused the transaction to be backed out. In the first case, ATM attempted to back out the transaction.<br><br>For the first case, check the external transaction coordinator for the reason. Check for error messages from ATM transaction managers or the ATM client proxy of the failing job. |
| 76 | This subcode is issued by Adabas Transaction Manager.<br><br>An error occurred while an ATM transaction manager was attempting to rebuild the transaction hierarchy of a client session that has migrated from |

| Subcode | Meaning |
|---|---|
| | another ATM transaction manager's domain as a result of dynamic transaction routing. ATM attempted to back out the transaction.<br><br>Check the status of the transaction using Online Services. Check for error messages from ATM transaction manager or the ATM client proxy of the failing user. |
| 77 | This subcode is issued by Adabas Transaction Manager.<br><br>This message indicates that the client session had an open transaction and has been migrated from one node to another within a cluster (Sysplex), but ATM could not handle the transaction safely because no Migrated Transaction Record (MTR) file had been defined. The transaction was therefore backed out.<br><br>Define and create an MTR file and restart the ATM transaction managers and clustered application environments in the COR group. |
| 78 | This subcode is issued by Adabas Transaction Manager.<br><br>It was not possible to commit the client session's transaction because of a pending `ET` syncpoint on a target database. This could be because of a concurrent online save operation, database termination, or a `SYNCC` operator command. Backout of the incomplete transaction was attempted.<br><br>Restart the transaction when the pending `ET` syncpoint has been completed. |
| 79 | Used by Adabas System Coordinator to signal the (optional) terminal timeout. Refer to the description of Generate RSP009/79 in the Adabas System Coordinator Parameters documentation for more information. |
| 80 | This subcode is issued by Adabas Transaction Manager.<br><br>The client session was not at `ET` status in the target database. Backout of the incomplete transaction was attempted.<br><br>Restart the transaction. |
| 81 | This subcode is issued by Adabas Transaction Manager.<br><br>A memory shortage in the ATM transaction manager's address space caused the current global transaction to be backed out.<br><br>Increase the amount of memory available to the ATM transaction manager, restart it, then restart the transaction. |
| 82 | This subcode is issued by Adabas Transaction Manager.<br><br>A memory shortage occurred in the ATM transaction manager's address space, and ATM attempted to back out the current global transaction.<br><br>Increase the amount of memory available to the ATM transaction manager, restart it, then restart the transaction. |

| Subcode | Meaning |
|---|---|
| 83 | This subcode is issued by Adabas Transaction Manager.<br><br>An error occurred during a commit or backout operation for a global transaction. ATM attempted to back the transaction out.<br><br>If the cause of the error is not apparent from console messages, contact our support. |
| 84 | This subcode is issued by Adabas Transaction Manager.<br><br>ATM reported conflicting use of an ETID. For an RE command, this subcode can be returned if the client is known to ATM but has no ETID.<br><br>The client should issue a CL command to each open database; then re-open. |
| 85 | This subcode is issued by Adabas Transaction Manager.<br><br>The global transaction time limit (TMGTT) has been exceeded, and an attempt has been made to back out the global transaction.<br><br>Correct the cause of the timeout, then restart the transaction. |
| 86 | This subcode is issued by Adabas Transaction Manager.<br><br>The global transaction time limit (TMGTT) has been exceeded, and the global transaction has been backed out.<br><br>Correct the cause of the timeout, then restart the transaction. |
| 90 | This subcode is issued by Adabas Transaction Manager.<br><br>The ATM client proxy detected either an inconsistency between its view of the client session's status and the ATM transaction manager's view, or that the transaction manager had restarted. It attempted to back out on all target databases.<br><br>Close the client's sessions and start them again. |
| 91 | This subcode is issued by Adabas Transaction Manager.<br><br>Transactions on a target database were being quiesced, or an administrator issued a "stop" request for the session's transaction via ATM Online Services or operator command, or there was a pending ET syncpoint on the database. Backout of the incomplete transaction was attempted.<br><br>Restart the transaction when all required target databases are available. |
| 92 | This subcode is issued by Adabas Transaction Manager.<br><br>Transactions on a target database were being quiesced, or an administrator issued a stop request for the user via ATM Online Services or operator command, or there was a pending ET syncpoint on the database. The incomplete transaction was backed out.<br><br>Restart the transaction when all required target databases are available. |

| Subcode | Meaning |
|---|---|
| 93 | This subcode is issued by Adabas Transaction Manager.<br><br>An error occurred while ATM was attempting either to start a new global transaction or to bring a new database into a transaction. The client proxy backed out changes from all databases.<br><br>The next command issued returns details of the error that caused the backout. Check the meaning of the response code and act accordingly. |
| 94 | This subcode is issued by Adabas Transaction Manager.<br><br>An error occurred while ATM was attempting either to start a new global transaction or to bring a new database into a transaction. The client proxy attempted to back out changes from all databases.<br><br>The next command issued returns details of the error that caused the backout. Check the meaning of the response code and act accordingly. |
| 95 | This subcode is issued by Adabas Transaction Manager.<br><br>The client session's transaction was controlled by an external transaction coordinator, which reported that the transaction has been backed out.<br><br>Restart the transaction. |
| 96 | This subcode is issued by Adabas Transaction Manager.<br><br>The client session's transaction was controlled by an external transaction coordinator, which reported "backed out, outcome pending" for the transaction. This means that backout has begun for the transaction and will be completed when all the resource managers involved in it are able to comply with the backout request.<br><br>Restart the transaction. |
| 97 | This subcode is issued by Adabas Transaction Manager.<br><br>The CICS Resource Manager Interface is in use, and the ATM client proxy detected that the client session's Task Interface Element (TIE) was being used by another session.<br><br>This can occur if all of the following are true:<br><br>■ Natural is being used, in such a way that two Adabas sessions are maintained for each client.<br>■ The client control `Transaction Model` is set to MESSAGE.<br>■ Natural parameters are set such that Natural might not generate `OP` commands for all database sessions.<br><br>You can make sure that Natural generates `OP` commands by using a non-blank ETID, or by means of Natural's `DBOPEN` parameter. |

| Subcode | Meaning |
|---|---|
| | The condition can also occur if all of the following are true:<br>■ Natural is being used, in such a way that two Adabas sessions are maintained for each client.<br>■ The Adabas System Coordinator has timed out Natural's "system" session.<br>In this case, a new Natural LOGON might clear the condition. Otherwise terminate the session and start a new session.<br>If the error persists, contact your our support representative. |
| 98 | This subcode is issued by Adabas Transaction Manager.<br>The client session was executing in serial mode and requested that changes be committed. Some of the changes were committed, and some were backed out.<br>Examine the results of the transaction. If necessary, correct the result by manual intervention. |
| 99 | This subcode is issued by Adabas Transaction Manager.<br>The client session incurred a security response code; ATM backed out the user's changes.<br>If security permissions are not adequate, correct them and rerun the transaction. |
| 249 | In Adabas Vista, all transaction activity by the client has been backed out because the client is using multiple (different) ETIDs which have collided against a particular database.<br>*Action:* Review the client's use of ETIDs with respect to the current translation rules and/or partitioned files. |

**Open Systems**

This response is caused by one of the following:

- The last user transaction has been backed out by Adabas (ET logic users only) or an exclusive control user (non-ET user) or an access-only user exceeded the Non-Activity Time Limit.
- The user session was abnormally terminated by the operator and the user issued a command.
- The protection log area (= WORK container) was too small, and an internal BT was executed.

The ADDITIONS 2 field in the control block contains additional information:

| First two bytes | Third and fourth bytes | Explanation |
|---|---|---|
| 0 | TT | Transaction timeout |
| 1 | TN | Non-activity timeout |
| 2 | ST | STOP user |
| 3 | LP | WORK overflow |
| 5 | SE | Security |
| 6 | DL | Deadlock |
| 8 | OP | Open transaction |
| 9 | OR | Open required |
| 10 | RR | Replication recording failed<br><br>One of the internal Adabas commands issued for replication recording got an unexpected response code, for example 77. This response code is included in the control block in the field ACBXSUBR (only if you use the ACBX interface) and displayed in an RPLIRSP message in the nucleus log. |

```
                                    First      Third+
                                     two       fourth
                                    bytes      bytes
                                   -------    -------
          Transaction timeout :      0          TT
          Non-activity timeout:      1          TN
          STOP user           :      2          ST
          WORK overflow       :      3          LP
          Security            :      5          SE
          Deadlock            :      6          DL
          Open transaction    :      8          OP
          Open required       :      9          OR
```

The information in the first two bytes is represented as an integer, and the third and fourth bytes are alphanumeric.

**Action**

The method of resolving the error varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

User actions are described in the subcode list in the explanation.

**Open Systems**

Check the appropriate reason. If the Adabas nucleus was started without the option OPEN_REQUIRED, and the reason for response 9 was a non-activity timeout or a

STOP user, users who started their sessions with an OP command must re-issue their OP command under the following circumstances:

- if they set a User ID
- if they specified restricted file lists
- if they had user-specific timeout values
- if they were not ET users.

If too many transactions are backed out because of a Work overflow, the size of the Work container should be increased.

**Response 10**

**Origin** Mainframe systems only

**Explanation** Too many occurrences for a periodic group.

**Response 16**

**Origin** Open systems only

**Explanation** An error occurred in an MC call during subcommand processing. The error code and additional information can be found in the control block of the subcommand. The first 2 bytes of the Additions 2 field contain the number of the subcommand in binary format. The third and fourth bytes of the Additions 2 field contain the offset of the subcommand's control block in the MC call's record buffer in binary format. All subcommands before the one that failed were executed.

**Action** Correct the failed subcommand if necessary and re-issue the subcommands beginning with the one that had failed.

**Response 17**

**Origin** Mainframe and open systems

**Explanation** A subcode indicating the specific cause and action for this response code appears in the low-order (rightmost) two bytes of the ACB's Additions 2 field or in the ACBX's Error Subcode (ACBXERRC) field. The following are the subcodes and their meanings:

| Subcode | Meaning |
|---|---|
| 1 | The program tried to access system file 1 or 2, and no OP command was issued.<br><br>*Action:* Restructure the program to begin with an OP command. |
| 2 | The program tried to access system file 1 or 2, and the user is not authorized.<br><br>*Action:* Change the program to avoid the access. |

| Subcode | Meaning |
|---|---|
| 4 | One of the following occurred:<br>■ The specified file number is invalid. The file number might be equal to "0" or greater than the maximum allowed.<br>■ When running with ADARUN DTP=RM or DTP=TM, an attempt was made by a non-Adabas Transaction Manager user to access/update an Adabas Transaction Manager system file. |
| 5 | The file is either not loaded, or has been locked by another user for privileged use.<br>On mainframe systems, for ADAORD and ADAINV utility operations, the write phase has started, and use of the file is now blocked for the type of operation you requested. |
| 6 | On mainframe systems, an E1 (delete record) command was given without specifying a valid file number.<br>On open systems, the file to be created already exists. |
| 7 | The program tried to perform an LF command on system file 1 or 2. |
| 8 | On mainframe systems, the program tried to access a file that was not listed in the file list of an open (OP) executed with the R option.<br>On open systems, an ET user with a restricted file list and ACC = file number attempted to issue a UPD command, or a user with a restricted file list attempted to touch a file that is not in the file list |
| 9 | The file that the program attempted to access is completely locked. This may occur because of a LOCKU operation or because the maximum number of logical file extents that can fit into the FCB has been reached.<br>*Action:* If the file was locked using a LOCKU operation and keeping the lock in place is no longer warranted, use the UNLOCKU operation to free the lock. If the file is locked because the maximum number of file extents has been reached, use ADAORD to reorder the file into fewer extents, then use UNLOCKU to free the lock. Note that in the latter case, if you DELETE or REFRESH the file, Adabas also frees the lock. |
| 10 | The program attempted to access a file which is locked with exclusive EXU status. |
| 11 | An LF command (read FDT) was run on a file that is not loaded; neither the FCB nor the FDT exists. |
| 12 | File has been locked with LOCKF. |
| 13 | A file is password-protected, and the password was specified, but the corresponding security file is missing (not loaded). |
| 14 | A command was issued against a LOB file. Commands involving LB fields should be directed against the associated base file, not the LOB file. |
| 15 | A file is being loaded so its information is temporarily unavailable. |

| Subcode | Meaning |
|---|---|
| 16 | On mainframe systems, an attempt was made to perform an update (e.g. A1, E1, N1/2) against a file loaded with the attribute RPLUPDATEONLY=YES or READONLY=YES.<br><br>On open systems, the file was locked by ADAOPR. |
| 17 | An attempt was made to perform an update (e.g. A1, E1, N1/2) against a file loaded with the attribute READONLY=YES. |
| 18 | File has been locked with ALOCKF. |
| 21 | On mainframe systems, there was not enough space for encoding elements.<br><br>On open systems, a two-byte file number was used against a lower version database that does not support large file numbers. |
| 22 | On open systems, the file control block (FCB) is invalid (corrupted). |
| 23 | ICS object could not be located. The following objects must be available in the encoding objects library: File Alpha, File Wide, User Alpha, and User Wide for the combinations between file/user alpha/wide encodings.<br><br>*Action:* Check that the required ICS objects are available. |
| 24 | ICS function get_attribute() failed.<br><br>*Action:* The function's return code is logged with the nucleus message ADAN7A. |
| 25 | One of the following occurred:<br><br>■ A required encoding attribute was missing in an ICS object (encoding type, class, or flags).<br>■ The default space character length was > 4 bytes.<br>■ Allocation of the default space table failed.<br>■ If a DBCS-only plane exists, the wide space character was undefined, or the length > 4 bytes, or allocation of the wide space table failed. |
| 29 | An Adabas Review communication error has occurred. Contact our support. |
| 52 | A non-Adabas target was called. |
| 99 | The file's FTD is corrupted.<br><br>*Action:* To resolve the problem, repair the file by running a restore/regenerate from a consistent state. |
| 249 (0x00F9) | While attempting to satisfy a partitioned file command, Adabas Vista detected the unavailability of an FDT – this is invalid for one of the following reasons:<br><br>■ None of the partitions were available/online and at least one of them has the file parameter `Critical` set to YES. |

| Subcode | Meaning |
|---|---|
| | ■ None of the partitions were available/online and all of them have the file parameter `Critical` set to NO and the command cannot be satisfied with a "no data" response such as RSP003.<br><br>An error occurred when Adabas Vista (open systems) tried to access a file that was not listed in the file list of an `OP` command executed with the R option.<br><br>*Action:* Ensure at least one of the file partitions is available/online or review the program logic. |

**Response 18**

**Origin** Mainframe and open systems.

**Explanation** Invalid file number usage. The file number was modified between successive L2/L5 calls or between successive L*x* and S*x* calls.

**Action** Correct the file number.

**Response 19**

**Origin** Mainframe and open systems.

**Explanation** An attempt was made to update a file which is either already open for read access or can only be opened for read access. The leftmost two bytes of ACB's Additions 2 field or the ACBX's File Number (ACBXFNR) field may contain the file number.

**Action** Do not attempt to update a file with read-only access.

**Response 20**

**Origin** Mainframe and open systems.

**Explanation** One of the following invalid values was used for a command ID value:

- Binary zeros
- Blanks
- The high-order byte contains the hexadecimal value "FF", but there is no automatic command ID generation
- The three high-order bytes contain the ASCII string "SYN".

**Action** Correct the command ID and avoid using any of these invalid command ID values.

**Response 21**

**Origin** Mainframe and open systems

**Explanation** An invalid command ID value was detected. One of the following explanations or subcodes is provided:

| Subcode | Meaning |
|---|---|
| 1 | The command ID value was not found in the sequential command table. This is not an initial call and there was no previous initial call, or the command ID was deleted or lost in a timeout or recovery action. |
| 3 | The command ID value specified for the L3/L6 command was assigned to another Lx command. |
| 5 | The command ID value specified for the L9 command was assigned to another Lx command. |
| 6 | Unexpected last file in chain. |
| 7 | The command ID value specified was assigned to a different file. |
| 8 | The command ID value specified for the Sx command is for a sorted ISN list; the ISN list was not in ISN sequence. |
| 9 | An application running with PREFETCH=YES or PREFETCH=OLD attempted to dynamically reverse the read direction of an L3/L6/L9 command. This is not allowed. |
| 10 | The master file number is not the same as it was in the initial call for this command ID. |
| 12 | ACB(X)Add1 altered after initial call. |
| 13 | S9 ISN list already sorted |
| 14 | Not a chained file as expected. |
| 15 | Not an L2 sequence as expected. |
| 16 | Chained file transformed ISNs not permitted. |
| 17 | CID does not exist for chained file. |
| 18 | File was not master file as expected. |
| 19 | Special L3 started on a valid file number and subsequent L3 issued with the API option. |
| 20 | Chained file ISNs not transformed. |
| 21 | Special L3 system area not as expected. System area changed. |
| 22 | The command ID value specified was assigned to a different file and FBL is not equal to zero. |
| 23 | Incorrect CID for sort function. |
| 249 (0x00F9) | An invalid command ID value was detected by Adabas Vista (open systems):<br>■ The command ID value specified with the N option of an `L1/L4` command was not found. |

| Subcode | Meaning |
|---|---|
| | ■ The command ID value specified with the N option of an L1/L4 command does not correspond to an ISN list.<br>■ One or both of the ISN lists referred to in the ADDITIONS 1 field of an S8 command do not exist.<br>*Action:* Review the program logic. |

**Action** Correct the command ID.

**Response 22**

**Origin** Mainframe and open systems

**Explanation** The command or command option is invalid. A subcode indicating the specific cause and action for this response code appears in the low-order (rightmost) two bytes of the ACB's Additions 2 field or in the ACBX's Error Subcode (ACBXERRC) field.

When using the LNCSTUB module on mainframe systems, this response code may indicate problems with the initial call (IC) to the Adabas CICS command-level link component. If the Adabas control block shows a command code of "IC", the link routine being used may not be at the proper release level or may not be the command-level version.

The following are the subcodes and their meanings:

| Subcode | Meaning |
|---|---|
| 1 | One of the following occurred:<br>■ The nucleus detected an invalid command code.<br>■ A command was issued after a CL command in single-user mode. |
| 2 | This command cannot be issued by an ACC (access only) user; and update command cannot be issued by an access-only user. |
| 3 | This command cannot be performed on a read-only nucleus; an update command cannot be issued for a read-only database session. |
| 4 | This privileged command was issued without a previous OP (open) command. |
| 5 | The command is not valid for a nonprivileged user. |
| 6 | The command was rejected by user exit 11. |
| 7 | Incorrect command options were specified for a privileged command. |
| 8 | The command is invalid for an ET user in preliminary ET status. First complete the transaction using Adabas Transaction Manager. |
| 9 | The current user is not authorized to issue an ET/BT command. |
| 10 | The C2 command is no longer permitted. |

| Subcode | Meaning |
|---|---|
| 11 | The C3 command can only be issued by EXU users. |
| 12 | The L1/4 command with the option "F" is not valid for expanded files. |
| 13 | The call issued is not permitted when the database is in a suspend state. |
| 14 | Invalid privileged command. |
| 15 | An L1/L4 command specified the multifetch option ("M" or "O") was not combined with either the "I" or "N" option. |
| 16 | The user does not have "privileged" command authorization. |
| 17 | A refresh file (E1 command with ISN zero) is not permitted during online save database or file. |
| 18 | Applications using the ADALNK X'48' call logic receive this response when the logic has been suppressed. |
| 19 | On mainframe systems, a special utility command was issued for an obsolete subfunction.<br><br>On open systems, an ET or BT with command option "S" was issued without subtransactions being enabled for the current Adabas user session by specifying command option "S" in the OP command. |
| 21 | One of the following occurred:<br><br>■ A BT command was issued by a non-ET logic user.<br>■ An ET command was issued for a distributed transaction managed by Adabas Transaction Manager; ET commands are invalid for a distributed transaction managed by Adabas Transaction Manager. |
| 22 | The current transaction has already been heuristically terminated or the command is not allowed within an MC sequence. |
| 23 | One of the following occurred:<br><br>■ The last MC subcommand is not ET.<br>■ A BT command was issued for a distributed transaction managed by Adabas Transaction Manager; BT commands are invalid for a distributed transaction managed by Adabas Transaction Manager. |
| 24 | One of the following occurred:<br><br>■ An ET or CL command with user data is not allowed for read-only access to a database.<br>■ CL is invalid because the user has a transaction in progress that is managed by Adabas Transaction Manager. |
| 25 | A command was sent from an Event Replicator Server to an Adabas nucleus, but the Adabas nucleus is not running with ADARUN REPLICATION=YES. |

| Subcode | Meaning |
|---|---|
| 26 | An attempt was made by an Adabas nucleus to connect to an Event Replicator Server when the target of the message is actually another Adabas nucleus, not an Event Replicator Server. |
| 27 | During initialization, an Auditing Server performed a handshake with a source nucleus and detected that the nucleus is running with AUDITING=NO.<br><br>*Action:* Make sure that the source nucleus is running with AUDITING=YES. |
| 28 | One of the following occurred:<br><br>■ A replicated utility may not be executed for a replicated file when the Adabas nucleus is running in single-user mode.<br>■ During initialization, the ADAARP utility performed a handshake with an Auditing Server and detected that the structure level of the auditing software was different.<br><br>*Action:* Make sure the structure level of the auditing software in the ADAARP utility and the Auditing Server is the same. This is usually achieved by using the same version/release/SM level of the software. |
| 29 | One of the following occurred:<br><br>■ An error occurred during a connection attempt by an Event Replicator Server database. Ensure that you are trying to connect to another Adabas nucleus and not an Event Replicator Server and try again.<br>■ During initialization, the ADAARP utility performed a handshake with an Auditing Server and detected that the Adabas structure level was different.<br><br>*Action:* Make sure the structure level of the Adabas software in the ADAARP utility and the Auditing Server is the same. This is usually achieved by using the same version/release/SM level of the software. |
| 30 | During initialization, Auditing Server performed a handshake with a source nucleus and detected that the nucleus is running with AUDITING=YES but does not send auditing data.<br><br>*Action:* Make sure that the source nucleus sends auditing data to the server. |
| 31 | API file delete not permitted: not API loaded. |
| 32 | An attempt was made to update a replicated file in single-user-mode. Replicated files can be updated only in multi-mode; replication is not supported in single-mode. However, a nucleus with replication support can be started in single-mode for maintenance purposes. |
| 33 | A shared hold status request (with command option 3 set to "C", "Q", or "S") is not allowed for a command with prefetch (command option 1 set to "P").<br><br>On open systems, the command option "S" is not allowed for an S9 command with a non-blank Additions 4 field. |

| Subcode | Meaning |
|---|---|
| 34 | On open systems, the command was rejected by user exit 11. |
| 35 | The command cannot be executed with the nucleus parameter NT=1. |
| 36 | The descending option "D" is not allowed for the command. |
| 37 | On mainframe systems, a shared hold status request (command option 3 is set to "C", "Q", or "S") is not allowed for a non-ET user.<br><br>On open systems, a shared hold status request (command option 3 is set to 'C', 'Q', or 'S') is not allowed for a non-ET user. |
| 38 | A shared hold status request for a sequential read command (command option 3 is set to "Q") is not allowed for an L4 command without the N-option, nor is it allowed for an S4 command without a command ID (CID) or with an ISN buffer length other than 4 bytes. |
| 39 | A shared hold status request for a sequential read command (command option 3 is set to "Q") is not allowed for a command with a multifetch (command option 1 is set to "M" or "O"). Also, a shared hold status request (with command option 3 set to "C", "Q", or "S") is not allowed for a read command with prefetch (command option 1 is set to "P"). |
| 40 | A keep-in-shared-hold-status request (with command option 3 set to "H") is not allowed for an ET or BT command with multifetch or prefetch (command option 1 is set to "M" or "P"). |
| 41 | A request to read the next portion of a LOB value (command option 2 is set to "L") is not allowed for an L1/L4 command with multifetch (command option 1 is set to "M" or "O") or prefetch (command option 1 is set to "P"). |
| 42 | On open systems, for an A1 command with command option 2 = 'T', the current time is still the same as the value of the field with SY=TIME in the database. |
| 48 | An obsolete internal request to shut down Adabas, supposedly coming from Entire Net-Work, has been issued and rejected. |
| 50 | The Router (LCC) detected an invalid command code. This may also arise when a new ACBX-type call is presented to a back-level router. |
| 51 | A client call with the ADARUN parameter PREFETCH=OLD has multiple APLX buffers or the contents of APLX+4(chained APLX) is non-zero. To resolve this, use the ADARUN parameter setting PREFETCH=YES. |
| 52 | A non-Adabas target was called. |
| 53 | Invalid file specified for an Adabas Online System function. |
| 54 | The user was stopped with STOPUR or STOPSUR. |
| 55 | The command is returned because the command queue timeout time specified by the DELCQ operator command or the AUTOCQTIME ADARUN parameter was reached or exceeded for the command. |
| 57 | During initialization, an Auditing Server performed a handshake with a source nucleus and detected that the structure level of the auditing software was different. |

| Subcode | Meaning |
|---|---|
| | *Action:* Make sure the structure level of the auditing software in Adabas nucleus and Auditing Server is the same. This is usually achieved using the same version/release/SM level of the software. |
| 58 | During initialization, a source nucleus performed a handshake with an Auditing Server and detected that the structure level of the auditing software was different.<br><br>*Action:* Make sure the structure level of the auditing software in Adabas nucleus and Auditing Server is the same. This is usually achieved using the same version/release/SM level of the software. |
| 1005 | The command code is invalid. |
| 1006 | The ACBX is invalid (not first buffer). |
| 1007 | The ABD is invalid. |
| 1008 | The ABD type is invalid. |
| 1009 | More than one search buffer specified. |
| 1010 | More than one value buffer specified. |
| 1011 | More than one ISN buffer specified. |
| 1012 | The number of search and value buffers do not match. |
| 1013 | The number of format and record buffers do not match. |
| 1015 | A streaming logic error occurred. |

**Action**

Correct the command code or command option or the previous OP command and rerun the program.

**Response 23**

**Origin**

Mainframe and open systems

**Explanation**

An invalid starting ISN was specified for an L2/L5 command sequence:

- The ISN was not assigned to a record in the file; or
- The ISN was greater than the MAXISN in effect for the file.

**Open Systems**

On open systems the following subcodes may occur:

| Subcode | Meaning |
|---|---|
| 249 (0x00F9) | An invalid ISN was detected by Adabas Vista (open systems). The starting ISN specified for an L2/L5 command sequence is not consistent with the definitions for the partitioned file.<br><br>*Action:* Review the program logic. |

**Action** Correct the ISN.

**Response 24**

**Origin** Mainframe and open systems

**Explanation** The meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

For an S9 command:

- The ISN list in the ISN buffer was already sorted; or
- The ISN list in the ISN buffer contained an invalid ISN; or
- The "D" option was specified when trying to sort an ISN list by ISN.

**Open Systems**

An ISN is equal to "0" or is greater than or equal to the first free ISN found in the ISN buffer. The Additions 2 field contains the value of the invalid ISN in 4-byte binary format.

**Action** Correct the ISN buffer.

**Response 25**

**Origin** Mainframe and open systems

**Explanation** The ISN specified in ISN lower limit field for an S1/S4 or S2/S9 command was not found.

**Open Systems**

On open systems the following subcodes may occur:

| Subcode | Meaning |
|---|---|
| 249 (0x00F9) | An invalid ISN was detected by Adabas Vista (open systems). The ISN specified in the ISN Lower Limit field for an S2 command when retrieving a group of ISNs from a saved ISN list was not found.<br><br>*Action:* Review the program logic. |

**Action** Correct the ISN lower limit.

**Response 26**

**Origin** Mainframe and open systems

**Explanation** An invalid ISN buffer length for an S9 command was detected. The number of ISNs to be sorted as provided in ISN quantity is equal to "0".

Depending on the subcode in the rightmost two bytes of the ACB's Additions 2 field or the ACBX's Error Subcode (ACBXERRC) field, one of the following has occurred:

| Subcode | Meaning |
|---|---|
| 2 | An S9 command with an ISN buffer contains ISNs that are higher than the TOP-ISN of the file. |

**Action** Correct the ISN buffer length.

**Response 27**

**Origin** Mainframe systems only

**Explanation** Sufficient workspace was not available to accommodate the combined sizes of the search and value buffers as indicated in the search buffer length and value buffer length fields.

| Subcode | Meaning |
|---|---|
| 1 | Sufficient workspace was not available to generate the format translation. |

**Response 28**

**Origin** Mainframe and open systems

**Explanation** The first two bytes of the Additions 1 field contained an invalid descriptor for an L3/L6 or S2/S9 command.

Depending on the subcode in the rightmost two bytes of the ACB's Additions 2 field or the ACBX's Error Subcode (ACBXERRC) field, one of the following has occurred:

| Subcode | Meaning |
|---|---|
| 1 | The field was not a descriptor. |
| 2 | The use of the descriptor is not supported (for example, phonetic descriptors or the descriptor is contained within a periodic group). |
| 3 | The descriptor was changed between successive calls. |
| 4 | There is a mismatch of the descriptor names in the Additions 1 field and the search buffer. |
| 5 | An initial L3 or L6 call contains no trailing blanks in the Additions 1 field. |
| 7 | ADAINV is inverting the file and using the descriptor. |
| 8 | The descriptor is missing in the file index. |
| 9 | An internal error occurred during SB interpretation. |

**Action** Correct the Additions 1 field.

**Response 29**

**Origin** Mainframe and open systems

**Explanation** In an L3 or L6 command, a value repositioning was attempted (bytes 3-8 of the Additions 1 field contain spaces) and the Command Option 2 field did not contain the value "A", "D", or "V". The command ID is released.

**Action** Correct the Additions 1 or Command Option 2 field.

**Response 34**

**Origin** Mainframe systems only

**Explanation** An invalid command option has been detected.

Depending on the subcode in the rightmost two bytes of the ACB's Additions 2 field or the ACBX's Error Subcode (ACBXERRC) field, one of the following has occurred:

| Subcode | Meaning |
|---|---|
| 1 | An invalid command option has been specified in one of the command option fields. |
| 2 | The R option has been specified for the C5 command, but replication is not active. |
| 9 | A record buffer must be specified for this command but is missing (not specified of length zero). |

**Action** Either remove the invalid command option or replace it with a valid option.

**Response 35**

**Origin** Mainframe systems only

**Explanation** The user/DBA attempted to perform a function for a noncluster Adabas nucleus that is available only for an Adabas cluster database.

**Action** Either perform the function against a cluster database or change the function.

**Response 39**

**Origin** Mainframe systems only

**Explanation** A logically deleted descriptor was used as a search criterion or was specified in the first two bytes of the Additions 1 field for an L3, L6, L9, S2, or S9 command.

**Action** Remove the use of the logically deleted descriptor and inform your database administrator about the problem.

**Response 40**

**Origin** Mainframe and open systems

**Explanation** A syntax error was detected in the format buffer.

**Mainframe Systems**

On mainframe systems, one of the following subcodes may be used:

| Subcode | Meaning |
|---|---|
| 1 | Syntax error in format buffer; possible premature end of buffer segment. |
| 2 | Syntax error in the format buffer -- bad first or second character of field name or missing "/". |
| 3 | Text literal has no ending quote or is too long (more than 255 characters). |
| 4 | Text literal is empty. |
| 5 | Expected delimiter missing. |
| 6 | Conditional format criterion has no closing parentheses ")". |
| 7 | The conditional format criterion is empty. |
| 8 | Invalid field name, format, or search operator. |
| 9 | One of the following occurred:<br>■ An invalid edit mask number (greater than 15) was specified.<br>■ A syntax error in the conditional format criteron was found.<br>■ Multiple format buffer segments are specified with conditional format criterion. |
| 10 | Invalid character following field name specification. |
| 11 | Invalid index specification for MU field in PE group. |

| Subcode | Meaning |
|---|---|
| 12 | Expected number missing or too large (>=$2^{31}$). |
| 13 | Syntax error in LOB segment specification. |
| 14 | Syntax error in L element specification. |
| 15 | Syntax error in D element specification (daylight savings time indicator). |
| 16 | Invalid Date-Time edit mask specification. |
| 17 | MU/PE index range specification invalid for LOB segment notation. |

On mainframe systems, the following information is returned in the Additions 2 field of the control block:

- The leftmost two bytes contain the two characters being inspected when the error was detected.
- The rightmost two bytes contain the subcode.

**Open Systems**

One of the following format buffer errors occurred.

- The terminating period was missing.
- The first position contains a period, this only applies to N1 or N2 commands.
- Length and/or format specified with a range definition.
- An invalid element was detected.
- A field segment notation was not correct: it must be specified either as (*byte-number*,*length*) or as (*byte-number*,*length*,*length-2*), where *byte-number* must be either "*" or a decimal number, and *length* and *length-2* are decimal numbers. These numbers must be less than 2,147,483,648.
- A field segment notation was specified for a range of MU fields or for a range of fields within a periodic group.

On open systems, the following information is returned in the Additions 2 field of the control block:

- The leftmost two bytes contain the number of the byte (in binary format) relative to the beginning of the format buffer where the error was detected.
- The rightmost two bytes contain the name of the field being processed when the error was detected.

**Action** Correct the format buffer.

**Response 41**

**Origin** Mainframe and open systems

**Explanation** The meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

One or more specification errors exist in the format buffer. When possible, the short name of the field for which the error occurred is stored at offset 2 of the ACB's Additions 2 field or in the ACBX's Error Character Field (ACBXERRB).

The following specification errors may have been made:

**Note:** A collation descriptor (COLDE) can only be specified in the format buffer of the L9 command and only when the decode option has been specified in the user exit. The value returned is not the index value but the original field value.

| Subcode | Meaning |
|---|---|
| 1 | Spacing element *n*X with *n*=0 or *n*>255 not allowed. |
| 2 | An invalid sequence of format buffer elements was specified. |
| 3 | Miscellaneous types of specification errors were found in the format buffer. |
| 4 | A field name was undefined or not elementary. |
| 5 | Format without fields. |
| 6 | A group field cannot be specified if the group contains a LOB (LB) field. |
| 7 | A field name is undefined. |
| 8 | Invalid use of *fld*D, *fld*L, *fld*,* or E(*date-time-mask*) notation. |
| 9 | Elementary field in PE group: 1-N notation not permitted with LOB (LB) fields or *fld*D notations. |
| 10 | A LOB (LB) field, *fld*L (length indicator notation) or *fld*,* (asterisk notation) are not permitted with an L9 command. |
| 11 | A length indicator (*fld*L) or asterisk notation (*fld*,*) are only permitted for LA and LOB (LB) fields. |
| 12 | LA or LOB (LB) fields are not permitted with 1-N notation, *flda-fldb* (field series) notation or old MU syntax. |
| 13 | LA or LOB (LB) fields are not permitted with *fld*C,* (count indicator) or *flda-fldb*,* (field series notation). |
| 14 | Asterisk notation and length indicator notation combinations (*fld*L,*) are not permitted. |
| 15 | SQL significance indicator and asterisk notation combinations (*fld*S,*) are not permitted. |
| 16 | Length indicator (*fld*L), asterisk notation (*fld*,*) or daylight savings time indicator notation (*fld*D) are not permitted for a group field. |

| Subcode | Meaning |
|---|---|
| 17 | Daylight savings time indicator notation (*fld*D) cannot be combined with asterisk notation (*fld*,*) or a length indicator notation (*fld*L). |
| 18 | Daylight savings time indicator notation (*fld*D) is only permitted for fields defined with the TZ option. |
| 20 | Daylight savings time indicator notation (*fld*D) is not permitted with count indicator (*fld*C) or field series notation (*flda-fldb*). |
| 21 | Old MU syntax is not permitted with daylight savings time indicator notation (*fld*D). |
| 22 | An invalid length or format has been specified with daylight savings time indicator notation (*fld*D); if specified it must be 2,F. |
| 23 | An invalid length or format has been specified with length indicator notation (*fld*L); if specified it must have length 4 and format B. |
| 24 | A phonetic, collation, or hyperdescriptor was specified. |
| 25 | Date-time edit mask notation (E(*date-time-mask*)) is not permitted with daylight saving time indicator notation (*fld*D), asterisk notation (*fld*,*), or length indicator notation (*fld*L). |
| 26 | Date-time edit mask (E(*date-time-mask*)) notation requires format P, U, F, or B. |
| 27 | Date-time edit mask (E(*date-time-mask*)) notation and edit mask notation (E0-E15) are not permitted together. |
| 28 | Date-time edit mask (E(*date-time-mask*)) notation and count indicator notation(*fld*C) are not permitted together. |
| 30 | Date-time edit mask (E(*date-time-mask*)) notation is only permitted for a field defined with a date-time edit mask. |
| 31 | Daylight savings time indicator notation (*fld*D), length indicator notation (*fld*L), and asterisk notation (*fld*,*) are not permitted together with LOB segment notation. |
| 32 | LOB segment notation is permitted only for LOB (LB) fields. |
| 33 | More than one LOB segment with *-position not permitted. |
| 34 | Length/format override not permitted for LOB segment notation. |
| 35 | Invalid byte number and length parameters in LOB segment notation. |
| 36 | Invalid length-2 parameter in LOB segment notation; must be equal to length parameter. |
| 37 | Invalid syntax with daylight saving time indicator in format buffer. |

**Open Systems**

An error was detected in the format buffer:

- The field name specified is reserved for edit mask usage.
- An index was equal to 0.

- A length specified or taken from the FDT standard length is greater than the maximum length of the required format.
- *nnn*X was specified with *nnn* greater than 253.
- A literal with more than 253 characters was specified.
- A subdescriptor, superdescriptor, phonetic descriptor, hyperdescriptor or a collation descriptor was specified.
- A field specified was not present in the file.
- A periodic group name appears without an index.
- A length and/or format was used with a group notation.
- A field in a periodic group was specified without an index.
- A range notation with a group name or a multiple-value field as the first or last element was specified.
- A reference was made to the count of a multiple-value field contained in a periodic group, and no index was included to indicate the periodic group occurrence for which the count was to be returned.
- A collation descriptor with the option HE was specified for an L9 command.
- A count specification was made for a field which was neither a multiple-value field nor was contained within a periodic group.
- A count for a non-multiple value field within a periodic group was specified.
- A length and/or format specification was used with a periodic group notation.
- A (regular or periodic) group containing a multiple-value field was specified.
- Invalid index usage.
- A descending index range was specified.
- A double index was used for a non-periodic field.
- A multiple-value field with an index specification and a multiple-value field without an index specification were used.
- A value cannot be converted to the required format (READ command) or converted to the FDT standard format (UPDATE command).
- The S element was applied to a field that does not have the NC option.
- A field with the NC option was used more than once together with its S element.
- The add option is not compatible with the format/length.
- The specification of a character set was invalid.
- A field was specified with an edit mask not allowed for the field.
- A field segment notation '(byte-number,length)' or '(byte-number,length,length-2)' was not correct: byte-number + length must be less than or equal to the maximum value length + 1, and length-2 must be equal to length. The maximum value for LB fields is 2,147,483,643, for LA fields 16381, an for other values 253 bytes.
- Segment notation is only allowed for values with the format 'A'.

The following information is returned in the Additions 2 field of the control block:

- The leftmost two bytes contain the number of the byte (in binary format) relative to the beginning of the format buffer where the error was detected.
- The rightmost two bytes contain the name of the field being processed when the error was detected.

**Action** Correct the specification error and reissue the command or job. For more information about syntax rules for multiple field and periodic group indexing, refer to the Adabas Command Reference documentation.

**Response 42**

**Origin** Mainframe systems only

**Explanation** A space problem occurred. The following are the subcodes and their meanings:

| Subcode | Meaning |
|---|---|
| 1 | The Work pool was too small to store a user format.<br><br>*Action:* Increase the LWP specification and retry. |
| 2 | The internal format buffer was too small to store a user format (translated into internal structure).<br><br>*Action:* Increase LFP specification and retry. |

**Action** See the actions described in the subcodes.

**Response 43**

**Origin** Mainframe and open systems

**Explanation** In an L9 command, the descriptor specified in the format buffer did not agree with the descriptor specified in the search buffer.

**Action** Correct the format buffer or the search buffer.

**Response 44**

**Origin** Mainframe and open systems

**Explanation** The meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

One of the following format buffer errors occurred (subcodes are shown in the leftmost column):

| Subcode | Meaning |
|---|---|
| 1 | The specified format is not allowed for an update operation. A possible reason for this is the presence of a conditional format buffer with an update operation. |
| 2 | The L9 command's format buffer format is not allowed for other commands. |
| 3 | The specified format is not allowed for an update operation. A possible reason for this is the presence of a conditional format buffer with an update operation. |
| 4 | The L9 command's format buffer format is not allowed for other commands. |
| 5 | Format used for L9 can only contain field and an optional daylight savings time indicator (*fld*D). |
| 6 | Fixed point format must have length 2, 4, or 8. |
| 7 | Conditional format and more than one format buffer was specified. |
| 8 | The current Adabas call provides a different number of format buffers than the format reference by CID. |
| 9 | Number of format buffer segments (ABDs) is zero. |
| 10 | AAS,AA,AA is invalid. |
| 12 | L option specified but the format has no LOB segment with *-position. |

**Open Systems**

One of the following situations occurred:

| Subcode | Meaning |
|---|---|
| 1 | ■ The format buffer is invalid for use with an UPDATE command (A1), ADD command (N1/N2):<br>■ Format buffer contains overlapping fields, e.g., GL1-3, GL2-4..<br>■ Format buffer contains an 1-N element, e.g., GL1-N..<br>■ There is not a 1:1 relation between an L element and the subsequent corresponding element with '*' length.<br>■ A READ command uses a format buffer from the format pool, which was previously used by update or add command, and which contains an invalid conversion. |
| 12 | L option is specified but the format has no LOB section with *-position. |
| 13 | The format buffer for an A1 commands with command option 2='T' did not contain a last-update-timestamp system generated field. |

**Note:** Subcodes associated with response 44 are stored in the first two bytes of the Additions 2 field (ACB) and in the error subcode field (ACBX).

**Action** Correct the format buffer or use a different read or update command.

**Response 45**

**Origin** Mainframe and open systems

**Explanation** The meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

The internal format buffer space has been exceeded. Either the LWP parameter setting is too small or the internal format buffer requires more than 2 G.

**Open Systems**

Multiple field or periodic group overflowed when using the N suffix in the format buffer for update.

The following information is returned in the Additions 2 field of the control block:

- The first two bytes will contain the number of the byte (in binary format) relative to the beginning of the record where the error was detected.
- The third and fourth bytes will contain the name of the field being processed when the error was detected.

**Action** The method of resolving the error varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

Increase the size of the LWP parameter and try again. If the problem persists, contact our support for assistance.

**Open Systems**

Because the multiple field or periodic group reached its absolute limit, the application must be redesigned.

**Response 46**

**Origin** Mainframe and open systems

**Explanation** The meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

| Subcode | Meaning |
|---|---|
| 1 | Too many TBLES elements for this user. |
| 2 | The maximum value for the NQCID parameter was exceeded (the number of TBI and/or TBQ elements is greater than NQCID). |

**Open Systems**

Mismatch of format buffer usage for the supplied command ID.

- A command ID of global ID format buffer has been found in the format pool and has a different file number to the file supplied by the caller.
- The file number was changed in subsequent Adabas calls with the same normal or global command ID.

**Action**

The method of resolving the error varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

Adjust the size of the NQCID parameter and try again.

**Open Systems**

Check the command IDs used in the call and try again.

**Response 47**

**Origin**

Mainframe and open systems

**Explanation**

The maximum value for the NISNHQ parameter was exceeded. The following subcodes appearing in the low-order (rightmost) two bytes of the ACB's Additions 2 field or in the ACBX's Error Subcode (ACBXERRC) field provide more detailed information.

| Subcode | Meaning |
|---|---|
| 1 | An attempt was made to put too many ISNs in hold. The maximum number of ISNs that can be put in hold is specified by the NISNHQ parameter and can be overridden via the Additions-4 field (bytes 3-4) of the user's OP command and via the user profile.<br><br>*Action:* Increase the value of the NISNHQ parameter or the maximum number of ISNs that the user can put in hold specified in the Additions-4 field (bytes 3-4) of the OP command or in the user profile. Alternatively, modify the application program to store fewer ISNs in hold at the same time. |
| 2 | The hold queue was full. If another user has put the maximum number of ISNs in hold, that other user is backed out and will next receive response |

| Subcode | Meaning |
|---|---|
| | code 9, subcode 1. The user who is given the response code 47 is not backed out; this user should issue an ET or BT command to release the ISNs from hold.<br><br>*Action:* Increase the value of the NH parameter. Alternatively, modify the application program to store fewer ISNs in hold at the same time. |

**Action** Increase the value of the NISNHQ parameter by modifying its ADARUN parameter value in the nucleus startup file, or (on open systems) using ADAOPR.

**Response 48**

**Origin** Mainframe and open systems

**Explanation** An error occurred during the processing of a command such as OP or N1. Refer to the hexadecimal subcode that appears in the low-order (rightmost) two bytes of the ACB's Additions 2 field or in the ACBX's Error Subcode (ACBXERRC) field.

| Subcode | Meaning |
|---|---|
| | File(s) not available at open time. This is the default message displayed with this response code if another subcode is not provided. |
| 1 | A specified file is locked against the requested use. |
| 2 | A specified file is currently in conflicting use. |
| 3 | A utility cannot start because an online save operation is in progress. |
| 4 | A specified file is already locked or being used by an EXU/EXF or utility user. Use operator command DLOCKF to display file locks, DNFV to display a summary of the current file usage. |
| 5 | A utility requiring exclusive database control cannot start because an online save operation is in progress. |
| 6 | A utility that requires exclusive database control cannot start because the user queue is not empty. |
| 7 | The requested file lock cannot be granted because the file is being used. Use operator command DNFV to display a summary of the current file usage, DFILES to display current users of the file. |
| 8 | The user ID specified in the open (OP) command is already in use by another user. |
| 9 | An EXU/EXF/UTI lock was requested in the open command, but the file is currently in the file list of a user in UPD/EXU/EXF/UTI status. |
| 10 | An EXF/UTI lock was requested in the open command, but the file is currently in the file list of a user in ACC status. |
| 11 | A nonprivileged user issued an open (OP) command to a nucleus in UTIONLY (utilities only) status. |
| 13 | Online file save attempting to run on an advance-locked file. |

| Subcode | Meaning |
|---|---|
| 14 | UPD/ACC open attempted against advance-locked file. |
| 15 | A file requested for an online utility (Adabas Online System or ADADBS) or an E1 program refresh is currently being used. |
| 16 | ACODE or WCODE was specified in the record buffer on the command but the nucleus was not activated with UES support. |
| 17 | A specified file is locked against the requested use and is advance-locked. The data in the file is not accessible. This can happen if a utility aborts or an autorestart fails. |
| 18 | On mainframe systems, this means that a second command was issued by a user who is participating in a two-phase commit (preliminary ET completed; final ET outstanding) or whose transaction has been heuristically terminated.<br><br>On open systems, this means that the index of the specified file is not accessible. This can happen if a utility aborts or if the index has been disabled by ADAREC REGENERATE or an autorestart. |
| 19 | The file number is zero or is greater than the maximum number of files allowed for the database (based on the MAXFILES parameter setting when the database was defined using the ADADEF utility). |
| 20 | A regenerate/backout with exclusive database control is rejected because there are in-doubt transactions or heuristically terminated transactions on Work part 4. |
| 21 | File is locked for utility usage. |
| 22 | An attempt was made to release an advance-lock, but the lock was not set. |
| 23 | An advance-lock operation was attempted for a file that has not been loaded. |
| 24 | An advance-lock operation was attempted for a file that is already advance-locked. |
| 25 | This subcode is issued by Adabas Transaction Manager.<br><br>The client session has an open global transaction that could not be backed out because it is under the control of an external transaction coordinator and its status is “in doubt”.<br><br>Depending on the transaction coordinator, you may have a choice of actions:<br><br>■ Wait for the external transaction coordinator to complete or back out the existing transaction.<br>■ Use the coordinator’s facilities to force completion or removal of the transaction.<br>■ Restart the transaction coordinator to cause resynchronization of in-doubt transactions.<br>■ Use ATM Online Services to force backout of the local, Adabas-related part of the global transaction. |

| Subcode | Meaning |
|---|---|
| | **Caution:** Using ATM Online Services to force backout of the local, Adabas-related part of the global transaction could result in loss of transaction integrity. |
| 26 - 30 | Reserved for Adabas Transaction Manager. These subcodes are given only when Adabas Transaction Manager is in use. Please read the Adabas Transaction Manager documentation for more information. |
| 31 | File locked for normal usage |
| 32 | A file is in use by an exclusive update (EXU) user. An update request from another user is not permitted. |
| 33 | A file is locked for exclusive file control (EXF) or utility update (UTI) usage. The request from a user with a different type is not permitted. |
| 34 | An advance-lock operation was performed on a read-only nucleus. |
| 35 | An advance-lock operation was performed during an online save. |
| 36 | Nucleus in REGENERATE/NOAUTOBACKOUT state. |
| 257 - 260 | Reserved for use by Event Replicator for Adabas on open systems. |

On open systems, the corresponding file number is returned in the first two bytes of the Additions 2 field in binary format except for value 8 in the third and fourth byte. The value 0 means the whole database.

**Action**

The following user actions are possible:

- Wait for the other user or utility to finish, then retry the command.
- Make the file available for all users (on open systems, if value 16 occurred in bytes 3 and 4).
- Restore or unlock the file (on open systems, if value 17 occurred in bytes 3 and 4).
- Rebuild the file's index (on open systems, if value 18 occurred in bytes 3 and 4).
- On open systems, if the value in bytes 3 and 4 of the Additions 2 field is 8, and the nucleus was started with the OPEN_REQUIRED option, you can reissue the OP command immediately. This will cause the other user with the same user ID to be stopped, unless that user is currently active.
- On open systems, if a utility receives a response 48 because non-utility users are still active, you can lock the file with ADAOPR LOCK. This ADAOPR command stops all non-utility users from accessing the file and allows only utility users to access the file until it is unlocked again.

  On mainframe systems, if a utility receives a response 48 because non-utility users are still active, you can lock the file with ADADBS MODFCB FILEREADONLY. The FILEREADONLY command stops all non-utility users from accessing the file and allows only utility users to access the file until it is unlocked again.

**Response 49**

**Origin** Mainframe and open systems

**Explanation** The compressed record was too long. It exceeds the maximum permitted compressed record length for the file.

On open systems, the first two bytes of the Additions 2 field contain the length of the compressed record in binary format.

On mainframe systems, the following subcodes may be indicated:

**Note:** This response code always means that the compressed record is too long and there are duplicate meanings for subcodes but the subcode can help our support analyze where in the code we are giving the response. This can be useful for debugging purposes. Please always provide the subcode when communicating about this response code with our support.

| Subcode | Meaning |
|---|---|
| | File(s) not available at open time. This is the default message displayed with this response code if another subcode is not provided. |
| 1 | Multiple-value (MU) field. |
| 2 | Periodic (PE) group field. |
| 3 | MU field. |
| 4 | PE group. |
| 5 | PE group level. |
| 6 | Remaining fields. |
| 7 | Record too long for protection logging (internal error). |
| 8 | A compressed record exceeds the permitted length. The error was detected when updating a multiple field. |
| 9 | Exceeded segment length maximum. |
| 10 | Long alpha or wide field. |
| 11 | New compressed record too long |
| 12 | Old version MU update. |
| 13 | The MU field was defined with an index |
| 14 | An MU update caused the compressed record to become too long. |
| 15 | An MU update caused the compressed record to become too long. |
| 16 | An MU update caused the compressed record to become too long. |
| 17 | MU update, MU count > 1 |
| 18 | An update to an LA field caused the compressed record to become too long. |
| 19 | LOB value too long. An attempt was made to update a LOB value segment that ends after the maximum allowed length of LOB valus. This response code/subcode combination is produced as a result of an L1/L4 command |

| Subcode | Meaning |
|---|---|
| | with Command Option 2 set to "L" but with the ISN Lower Limit value grater than or equal to the length of the LOB value being read. |
| 20 | Compressed Data Sorage record too long. A LOB update attempted to make a long LOB value (greater than 253 bytes) short (less than or equal to 253 bytes), but the base record was too long to embed the short LOB value. This condition was detected when the LOB value was being read from the LOB file. |
| 21 | Compressed Data Storage record too long. A LOB update attempted to make a long LOB value (greater than 253 bytes) short (less than or equal to 253 bytes), but the base record was too long to embed the short LOB value. This condition was detected when an attempt was made to insert the short LOB value into the base record. |
| 90 | Segment too long |
| 96 | Compressed record too long |
| 99 | Exceeded segment length maximum |

**Action**

On open systems, add a new DATA extent with sufficient block size (block size >= compressed record size + 8). Alternatively you can start the nucleus with OPTIONS=AUTO_EXPAND; then the Adabas nucleus automatically creates a new DATA extent with sufficient block size.

**Response 50**

**Origin**

Mainframe and open systems

**Explanation**

A syntax error in the record buffer was detected during processing of an OP command, an invalid character set was specified, an invalid time zone was specified, or an invalid file number (zero or greater than maxfiles) was specified.

On open systems, the first two bytes of the Additions 2 field contain the number of bytes (in binary format) relative to the beginning of the record buffer where the error was detected. If a time zone problem occurs, the two right-most bytes of the Additions 2 field in the ACB will contain a subcode; in an ACBX, the Error Subcode field will contain the subcode.

| Subcode | Meaning |
|---|---|
| 31 | Time zone not found in ADAZON directory. The specified time zone was not found in the ADAZON directory. Verify the time zone was specified correctly. If it was, contact our support for assistance. |
| 32 | Time zone pool full. No more time zone information could be loaded. Increase the size of the ADARUN LTZ parameter and restart the nucleus. |
| 33 | Open error on DD:TZINFO(MEMBER). Contact our support for assistance. |
| 34 | I/O error on DD:TZINFO(MEMBER). Contact our support for assistance. |
| 35 | Invalid data in TZ file. Contact our support for assistance. |

| Subcode | Meaning |
|---|---|
| 36 | Invalid transition time in TZ file. Contact our support for assistance. |

**Action** Correct the record buffer and try again.

**Response 51**

**Origin** Mainframe and open systems

**Explanation** An error in the record buffer was detected during processing of an OP command.

One of the keywords EXU, UPD, ACC or WCHARSET is duplicated.

On open systems, the following information is returned in the Additions 2 field of the control block:

- the first two bytes contain the number of bytes (in binary format) relative to the beginning of the record buffer where the error was detected;
- the third and fourth bytes contain the open mode that failed (ACC =1, UPD = 2, EXU = 4, WCHARSET = 128)

**Action** Correct the record buffer and try again.

**Response 52**

**Origin** Mainframe and open systems

**Explanation** The meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

One of the following errors occurred while processing the record, value, or search buffer. In an ACB, the rightmost two bytes of the Additions 2 field contain the subcode; for subcodes 1-5, the leftmost two bytes contain the Adabas name of the field where the error occurred. In an ACBX, the subcode is stored in the Error Subcode (ACBXERRC) field; for subcodes 1-5, the Adabas field name where the error occurred is stored in the Error Character Field (ACBXERRB).

| Subcode | Meaning |
|---|---|
| 1 | Invalid packed or unpacked decimal value in record buffer. |
| 2 | Invalid length for variable-length field specified in record buffer. |
| 3 | Invalid null value or no value at all provided for field with NN option. |
| 4 | Invalid value for S element in record buffer. |
| 5 | Invalid value for S element in value buffer. |
| 6 | Encoding a collation descriptor value failed: the collation descriptor exit issued a return code. |

| Subcode | Meaning |
|---|---|
| 7 | Decoding a collation descriptor value failed: the collation descriptor exit issued a return code. |
| 99 | An invalid field length was specified. |

**Open Systems**

- The value of a G format field was not in floating point format;
- The value of a P format field was not in packed decimal format;
- The value of a U format field was not in unpacked decimal format;
- A variable-length field was specified without a length parameter;
- The SQL null value indicator (S element) has a value of less than -1;
- A field with the NN option is forced to take the SQL null value;
- The resulting value exceeds 4 bytes (longword) if the format is F, or exceeds the maximum (format dependant) length;
- No record with the specified ADAM key was found.

The following information is returned in the Additions 2 field of the control block:

- The first two bytes contain the number of the byte (in binary format) relative to the beginning of the record/value buffer where the error was detected. This value is -1 if a field with the NN option is forced to take the SQL null value.;
- The third and fourth bytes contain the name of the field being processed when the error was detected.

**Action** Correct the format, record, value, or search buffer and try again.

**Response 53**

**Origin** Mainframe and open systems

**Explanation** The meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

One of the following errors occurred:

| Subcode | Meaning |
|---|---|
| 0 | The record buffer is too small.<br><br>*Action:* If the record buffer size:<br><br>■ conflicts with the lengths specified in the format buffer, change either the record buffer size or the format buffer specifications to resolve the conflict. |

| Subcode | Meaning |
|---|---|
| | ■ conflicts with the established global format ID (GFID), either release the GFID or change the record buffer size to match the GFID.<br>■ default is too small to hold the records in the file including the DVT when running the ADAULD utility, increase the size of the record buffer by setting the ADAULD LRECL parameter. See the Adabas Utilities documentation for more information. |
| 1 | The record buffer is too small. When locating a variable field in the input record, the required buffer length exceeded the given length.<br><br>*Action:* Verify that the record buffer content matches the given format and that sufficient space for variable fields is provided in the record buffer. |
| 2 | The ISN buffer is too small.<br><br>*Action:* Increase the size of the buffer. |
| 3 | The record buffer is too small. When locating a variable field within a group in the input record, the required record buffer length exceeded the given length.<br><br>*Action:* Verify that the record buffer content matches the given format and that sufficient space for variable fields is provided in the record buffer. |
| 4 | The record buffer is too small. When locating a field with A,* notation in the input record, the required record buffer length exceeded the given length.<br><br>*Action:* Verify that the record buffer content matches the given format and that sufficient space for variable fields is provided in the record buffer. |
| 6 | The record buffer is too small when the actual length of a variable-length field is included. |
| 7 | At least one of the record buffers was too small for the data defined in the corresponding format buffer. |
| 8 | The referenced existing format buffer requires more space than that given in one of the record buffers.<br><br>If this subcode occurs using ADACMP DECOMPRESS, the LRECL of the output record is too small. |
| 9 | The record buffer for an internal command from ADASCR is too small. |
| 11 | The record buffer for an internal command from AOS is too small. |
| 80 | The record buffer for an internal command on a file with spanned records is too small. |
| 99 | The record buffer for an internal command within a cluster is too small. |
| 132 | The record buffer is too small to accommodate a requested LOB value without truncation. |

| Subcode | Meaning |
|---|---|
| 249 | In Adabas Vista, the record buffer provided for an L9 command with 'I ' option against a partitioned file is not large enough to hold the full list of ISNs.<br><br>*Action:* Increase the size of the record buffer. |

**Open Systems**

The record buffer was too small, or the ISN buffer was too small for a requested multifetch command. The following information is returned in the Additions 2 field of the control block:

- The first two bytes contain the expected buffer size in binary format. This value is -1 if the command would have exceeded the maximum record size.
- The third and fourth bytes contain the name of the buffer that was too small. ("RB" or "IB"). If the error occurred while using a hyperdescriptor exit, the name of the hyperdescriptor exit is stored here.

**Action** Increase the record buffer or ISN buffer size, as appropriate.

**Response 54**

**Origin** Mainframe and open systems

**Explanation** The record buffer for a C3, C5, or ET command is too long. The maximum allowed size is 2048 bytes. The following subcodes provide more information:

| Subcode | Meaning |
|---|---|
| 1 | The record buffer for the C3 command is too long. |
| 2 | The record buffer for the C5 command is too long. |
| 3 | The record buffer for the ET command is too long. |

**Action** Correct the record buffer specification, then reissue the C3, C5, or ET command.

**Response 55**

**Origin** Mainframe and open systems

**Explanation** The meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

One of the following occurred:

- During a read-type operation, a field defined with the SQL null (NC) option contained a null value, but the format buffer held no "S" (significant null) indicator for the field.

In an ACB, the Additions 2 may contain the field name in the leftmost two bytes; the rightmost two bytes may contain the offset into the record buffer. In an ACBX, the Error Character Field (ACBXERRB) may contain the field name; the Error Offset in Buffer (ACBXERRA or ACBXERRG) fields may contain the offset into the record buffer.

- Attempted format conversion was not possible due to incompatible data formats or other compatibility problems.

  In an ACB, the Additions 2 will contain the field name in the leftmost two bytes; the rightmost two bytes will contain the offset into the record buffer. In an ACBX, the Error Character Field (ACBXERRB) will contain the field name; the Error Subcode (ACBXERRC) field will contain the subcode.

| Subcode | Meaning |
|---|---|
| 0 | Conversion error on record decompression. |
| 1 | Invalid conversion between formats. |
| 2 | Invalid length for fixed encoding. For example, user encoding Unicode with code-point size of 2 bytes and no even length specified. |
| 4 | Conversion error of a floating-point field (underflow) when converting to/from a non-IBM floating-point format. |
| 5 | One of the following conditions exists:<br>■ Format conversion of a field with the NV option is not allowed.<br>■ In a read command (Lx, Sx), the format buffer of a field containing a null value is defined with the NC option, but without the NN option, and is missing the SQL significance indicator (S). For read-type commands, the S indicator is required when the NC fields are defined without the NN option. If the S indicator is not present when a read command detects an NC-specified field and the field actually contains a null value, this response code and subcode are returned. |
| 6 | An invalid length was specified (for example, a wide character field in Unicode encoding must have an even length). |
| 7 | Invalid conversion between formats (different case than subcode 1). |
| 8 | Conversion error of a floating-point field (overflow) when converting to/from a non-IBM floating-point format. |
| 9 | A one-byte field was provided in the record buffer for the occurrence count of an MU field or PE group in a file with extended MU/PE limits. A two-byte occurrence count value is expected. |
| 10 | A field using the NC field option has a null value and no S indicator was specified in the format buffer. |
| 20 | Unsupported date-time conversion -- internal error. |
| 21 | Date-time value outside valid range. The valid range depends on the date-time edit masks being used in the format or search buffer and the FDT. |

| Subcode | Meaning |
|---|---|
| 22 | Invalid local time – (non-existing local time in the gap that occurs when switching from standard to daylight saving time or when the time zone advances GMT offset) |
| 23 | Year outside range of 1-9999. |
| 24 | Month outside range of 1-12. |
| 25 | Day outside range of 1-n. |
| 26 | Hours outside range of 0-24. |
| 27 | Minutes outside range of 0-59. |
| 28 | Seconds outside range of 0-59. |
| 30 | Accessing a field defined with option TZ but no time zone was specified in the user session. Issue the OP command with TZ='*timezone*' parameter in the record buffer to set the time zone for the user session. |
| 31 | Invalid daylight-saving offset given (*fld*D) for date-time and time zone. |
| n | Data between user and system data representation could not be converted without error and 2-byte error code from ECS. |
| 254 | Numeric field length in format shorter than the field length in the FDT. |
| 255 | Field length exceeded maximum for variable fields. |

Entire Conversion Service (ECS) error codes are described in *Entire Conversion Service (ECS) Errors*, elsewhere in the Adabas Messages documentation.

**Open Systems**

A format, length conversion, or truncation error occurred while processing field values in the record buffer or value buffer.

- The value for an FI field is too long;
- The resulting value exceeds the border of the FI field;
- Truncation error of numeric field;
- Truncation of alphanumeric fields or truncation of numeric fields which are converted to alphanumeric, except when OPTIONS=TRUNCATION is enabled in ADANUC;
- A value defined without LA or L4 option with variable length is larger than 253 bytes. This may happen for Unicode fields after conversion to another encoding.
- The length specified for a Unicode field for a character set with fixed character length is not a multiple of the character length: in particular, the length for UTF-16 based character sets must be a multiple of 2, and the length for UTF-32 based character sets must be a multiple of 4;
- The specified value is not a valid date/time value;
- The field does not contain a valid date/time value. This can happen if the value was stored without a date/time edit mask;

- A date/time field with option TZ was specified in the format or search buffer, but there was no time zone specified in an OP command for the current Adabas user session;
- The attempted format conversion was not possible due to incompatible data formats or other compatibility problems.

The following information is returned in the first two bytes of the Additions 2 field, and in the case of an ACBX, also in the field ACBXERRC:

| Subcode | Meaning |
|---|---|
| 0 | Conversion error. |
| 1 | Truncation error. |
| 2 | Internal structure error. |
| 5 | Internal error. |
| 20 | Unsupported DATETIME conversion. |
| 21 | Date/time value outside valid range. The valid range depends on the date-time edit masks being used in the format or search buffer and the FDT. |
| 22 | Date/time value specified in gap when switching from standard time to daylight saving time. |
| 24 | Month not between 1 and 12. |
| 25 | Day not between 1 and n, where n is the number of days of the month specified. |
| 26 | Hours not between 0 and 24. |
| 27 | Minutes not between 0 and 59. |
| 28 | Seconds not between 0 and 59. |
| 30 | Internal error: missing time zone element for conversion with time zone. |
| 31 | Invalid daylight-saving offset given (fldD) for date/time and time zone. |

The field name is returned in the third and fourth byte of the Additions 2 field, and in the case of an ACBX in the field ACBXERRB.

In addition, the following information is returned in the case of an ACBX call:

- The offset in the record or value buffer in ACBXERRA;
- The type of buffer in ACBXERRD ('R' for error in record buffer, 'V'for error in value buffer).

**Action**

Depending on the reason:

- Correct the appropriate buffer and try again;
- If the time zone specification in the OP command is missing, execute an appropriate OP command;

- On open systems, if a record structure error is indicated, run ADAVFY FIELD against the corresponding file. If this produces errors, then the file must be unloaded, decompressed, recompressed and reloaded;
- On open systems, subcodes 2 and 5 should never occur; you should, therefore, contact your nearest support center if you receive one of these subcodes. A copy of the command log and an export copy or backup of the files accessed will help us to analyze the problem.

**Response 56**

**Origin** Mainframe and open systems

**Explanation** One of the following occurred:

| Subcode | Meaning |
|---|---|
| . | The descriptor value was too large. Descriptor values are limited to 1144 bytes. |
| *n* | The collation value exceeded the maximum 253 bytes. The subcode *n* is the collation descriptor exit number. |

**Action** Store a shorter descriptor value or collation value.

On open systems, you also can specify the TR option for the descriptor, which truncates larger descriptor values before they are stored in the index. Note that with the TR option, search results may be inaccurate: this is because values that are identical in the first 1144 bytes are considered to be equal to each other.

**Response 57**

**Origin** Mainframe and open systems

**Explanation** In an L9 command, the descriptor specified in the format or search buffer or in the Additions 1 field was invalid or the descriptor was not specified:

- The field name specified may not be the name of a descriptor.
- The descriptor specified may be a phonetic descriptor or a hyperdescriptor, which are not allowed in an L9 command.
- On open systems, the descriptor specified may be a collation descriptor with the option HE.

**Action** Correct the descriptor in the format buffer, search buffer, or Additions 1 field and try again.

**Response 58**

**Origin** Mainframe systems only

**Explanation** The format could not be found (as defined within format selection criteria).

**Action** Adjust the format specification and try again.

**Response 59**

**Origin** Mainframe systems only

**Explanation** Format conversion of a subfield is not possible. The source field has fixed point (F) or floating point (G) format.

**Action** Correct the field for which you are attempting format conversion and try again.

**Response 60**

**Origin** Mainframe and open systems

**Explanation** The meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

A syntax error was detected in the format or search buffer. Generally, in an ACB, the first two bytes of the Additions 2 field contain the two characters under inspection when the error was detected and the rightmost two bytes of the Additions 2 field in the ACB contain one of the following subcodes. In an ACBX, the Error Character Field (ACBXERRB) contains the two characters under inspection when the error was detected, and the Error Subcode (ACBXERRC) field contains one of the following subcodes.

| Subcode | Meaning |
|---|---|
| 1 | Premature end of search buffer. |
| 2 | Syntax error in search buffer; possibly a bad field name. |
| 3 | Text literal has no ending quote or is too long (more than 255 characters). |
| 4 | Text literal is empty. |
| 5 | Expected delimiter missing. |
| 6 | Soft coupling criterion has not closing parenthesis (")"). |
| 7 | Soft coupling criterion is empty. |
| 8 | Invalid field name, format, or search operator. |
| 9 | Invalid edit mask number (greater than 15). |
| 10 | Invalid character following field name specification. |
| 11 | Invalid specification of MU field in PE group. |
| 12 | Expected number missing or too large (greater than $2^{31}$). |
| 13 | Syntax error in LOB segment specification. |

| Subcode | Meaning |
|---|---|
| 14 | Syntax error in length indicator notation (L) specification. |
| 15 | Syntax error in daylight savings time notation (D) specification. |
| 16 | Invalid date-time edit mask specification. |
| 17 | MU/PE index range specification is invalid for LOB segment notation. |

**Open Systems**

A syntax error was detected in the search buffer.

The following information will be returned in the Additions 2 field of the control block:

- The first two bytes will contain the number of the byte (in binary format) relative to the beginning of the search buffer where the error was detected;
- The third and fourth bytes will contain the name of the field being processed when the error was detected.

**Action** Correct the format or search buffer and try again.

**Response 61**

**Origin** Mainframe and open systems

**Explanation** An error was detected in the search buffer, value buffer, or during an S8 command.

**Mainframe Systems**

On mainframe systems, one of the following subcodes may also be included with this response code:

| Subcode | Meaning |
|---|---|
| 2 | An invalid value operator was detected in the search buffer. |
| 3 | An invalid logical operator was specified for an S8 command - Command Option 2. |
| 7 | This subcode indicates that one of the following errors occurred:<br>■ The length of a descriptor value was greater than 253.<br>■ Invalid file number specification.<br>■ Invalid selection criteria for an Event Replicator for Adabas initial-state definition.<br>■ Invalid usage of the "S" or "N" operator.<br>■ The element order was invalid.<br>■ The specified field was not a descriptor.<br>■ The specified field has the "LA" option active. |

| Subcode | Meaning |
|---|---|
| | ■ A descriptor contained in a periodic group was specified without an index.<br>■ Invalid connection of partial criteria or different indices were used for a descriptor contained within a periodic group.<br>■ Invalid periodic group index.<br>■ Invalid or disallowed use of a phonetic descriptor.<br>■ A descriptor derived from or contained in a periodic group is not allowed.<br>■ The FROM-TO operator was specified with a phonetic descriptor.<br>■ Invalid FROM-TO range specification, or the FROM value was greater than the TO value.<br>■ The BUT-NOT value was outside the range of the preceding FROM-TO range.<br>■ An invalid command option was specified for ISN LIST processing (S8 command).<br>■ The search buffer "S" significant null indicator was specified with a value operator other than "EQ" (equals), which is not allowed. |
| 8 | An invalid FROM-TO range was specified. The BUT-NOT value was outside the range of the preceding FROM-TO value. |
| 9 | An invalid search criteria was specified. |

**Open Systems**

On open systems, an error was detected in the search or value buffer, or during an S8 command:

- Invalid command option 2 specified for ISN LIST processing (S8 command);
- Invalid element or element order;
- The specified field was neither a descriptor, subdescriptor, superdescriptor nor a phonetic descriptor;
- Invalid connection of partial criteria and/or different indices used for a descriptor contained within a periodic group;
- Invalid use of a phonetic descriptor;
- Invalid periodic group index;
- Invalid index usage;
- The length of a descriptor value was greater than 253 or greater than the permitted length for the required format;
- Invalid format type;
- Invalid file number specification;
- Invalid usage of the S operator - FROM value greater than TO value;

- Invalid usage of the N operator - BUT NOT value was outside the range of the preceding FROM-TO range;
- Invalid comparator;
- The value in the value buffer cannot be converted into the field's FDT format;
- The specified file name is not an ADAM key while using the V option with an A1 or E1 command;
- Invalid value given in the value buffer while using the V option with the A1 or E1 command;
- Invalid usage of the C option - only allowed for collation descriptors;
- A field was specified with an edit mask that is not allowed for the field.

The following information is returned in the Additions 2 field of the control block (not for the S8 command):

- The first two bytes will contain the number of the byte (in binary format) relative to the beginning of the search buffer where the error was detected;
- If the third byte is zero and the fourth byte is 1, the error is invalid length.

  Otherwise the third and fourth bytes will contain the name of the field being processed when the error was detected.

**Action** Correct the search or value buffer or S8 command and try again.

**Response 62**

**Origin** Mainframe and open systems

**Explanation** One of the following has occurred:

- The length of the search or value buffers as specified in the search and value buffer length fields, respectively, was not sufficient to accommodate the search criteria specified.
- The first character in the search buffer was a period (.).
- The search buffer does not contain a period (.).

**Action** Correct the search or value buffer and try again.

**Response 63**

**Origin** Mainframe and open systems

**Explanation** The command ID value specified in the search buffer was invalid.

On open systems, the value in the first two bytes of the Additions 2 field indicates the reason (2 byte binary format):

| Subcode | Meaning |
|---|---|
| 1 | The command ID value specified in the search buffer was not found. |
| 2 | The associated ISN list is not sorted in ISN sequence (it has been generated by an S2/S9 command). |
| 3 | The command ID was not used in the previous FIND in which the SAVE ISN LIST option was used. |

**Action** Correct the command ID in the search buffer and try again.

**Response 64**

**Origin** Mainframe systems only

**Explanation** This response code is used for communication with Adabas utilities and Adabas Online System (AOS), and was returned because the requested function could not be performed or an error occurred in an AOS or utility function.

**Action** The subcode may be in the ADADBS output or may be displayed by AOS.

If you do not understand the action to take for a response code 64 or subcode, note the subcode and the function that caused the response code, and call our support for assistance.

**Response 65**

**Origin** Mainframe systems only

**Explanation** An internal error occurred. The nucleus detected a space calculation error.

**Action** Contact our support for assistance.

**Response 66**

**Origin** Mainframe systems only

**Explanation** An incompatible owner ID was detected during an update operation on a multiclient file. The owner ID may be blank, or too long.

**Action** Contact our support for assistance.

**Response 67**

**Origin** Mainframe systems only

**Explanation** One of the following errors occurred:

| Subcode | Meaning |
|---|---|
| . | An internal error occurred while executing an S*x* command. |
| 2 | An error occurred during superfield generation. |

**Action** Retain all related information, and contact our support for assistance.

**Response 68**

**Origin** Mainframe systems only

**Explanation** A nondescriptor field was used as a search criterion, and the non-descriptor search facility has been set OFF (the default for this facility is ON).

**Action** The ADARUN parameter NONDES has been set to reject non-descriptor searches; either reset the NONDES parameter to its default value or remove non-descriptor searches from your application. Natural provides a trace facility which locates such Natural application characteristics. contact Software GmbH for details.

**Response 70**

**Origin** Mainframe systems only

**Explanation** An overflow occurred in the table of sequential commands.

**Action** The DBA may increase the value used for the LQ parameter or RC commands may be used.

**Response 71**

**Origin** Mainframe systems only

**Explanation** An overflow occurred in the table of resulting ISN lists.

**Action** The DBA may increase the value used for the LI parameter or RC commands may be used.

**Response 72**

**Origin** Mainframe and open systems

**Explanation** One of the following errors occurred:

| Subcode | Meaning |
|---|---|
| 6 | The NU parameter is too small for the execution of a session autorestart. It is smaller than it was in the previous Adabas nucleus session that failed. In a cluster nucleus, the NU parameter is smaller than in the nucleus that had established the global lock structure. |
| 7 | An overflow occurred in the user queue. |
| 8,9 | An overflow occurred in the user queue file list pool. |

**Action** The DBA may increase the value used for the NU parameter.

**Response 73**

**Origin** Mainframe and open systems

**Explanation** An overflow occurred in the section of the Work data set (mainframe systems) or the temporary working space (open systems) in which resulting ISN lists are stored.

On open systems, please note that for read-only databases, temporary working space is only created if a location for it is explicitly specified (environment variable `TEMPLOCn` or entries for `TEMPORARY_LOCATION` in the file *DBnnn.INI*); otherwise only some of the space in the Adabas buffer pool is used for storing the ISN lists.

**Action** On mainframe systems, the DBA may increase the size of the Work data set and/or the number of saved ISN lists during an Adabas session may be decreased.

On open systems, provide enough temporary working space. For read-only databases, specify the location for the temporary working space explicitly or increase the size of the Adabas buffer pool (ADANUC parameter LBP).

**Note:** The processing of ISN lists was changed for Adabas Version 5.1. If you get this error with an Adabas Version 3 database, please refer to the Adabas Version 3 documentation.

**Response 74**

**Origin** Mainframe and open systems

**Explanation** No space was available on the Work data set for complex find commands.

**Action** On open systems, increase the size of the Work data set.

On mainframe systems, increasing the size of the Work data set alone will not solve this problem. Instead, set the value of LWKP2 (WORK-PART-2) to a higher value than the calculated one (whatever that might be). Then increase the size of the Work data set to ensure there is sufficient space for WORK-PART-3.

**Response 75**

**Origin** Mainframe and open systems

**Explanation** Attempts to allocate additional Associator or Data Storage extents for a file were issued, but the maximum number of extents that can be handled by the FCB have already been allocated.

On mainframe systems, BT (backout) or autorestart processing could cause the file to be locked because of inadequate extent space (see response code 48, ADARSP048).

On open systems, the last extent is allocated only for a command which is being backed out and for AUTORESTART and ADAREC REGENERATE. The first two bytes of the Additions 2 field contain the highest possible extent number (in binary format). The third and fourth bytes indicate where the overflow occurred. Possible

values are: "DS" (Data Storage), "AC" (Address Converter), "NI" (Normal Index) and "UI" (Upper Index).

**Action** On mainframe systems, ask your DBA for assistance; Associator or Data Storage extents may have to be reallocated.

On open systems, unload the file and reload it with appropriate initial allocations.

**Response 76**

**Origin** Mainframe and open systems

**Explanation** An overflow occurred in an inverted list index (the maximum is 15 levels).

**Action** Unload and reload the file with an appropriate padding factor for the Associator.

**Response 77**

**Origin** Mainframe and open systems

**Explanation** Sufficient space was not available for a required Associator or Data Storage extent.

On mainframe systems, the following subcodes further define the error:

| Subcode | Meaning |
|---|---|
| 1 | FST empty. |
| 2 | AC START RABN not available. |
| 3 | AC END RABN not available. |
| 4 | FST will not fit into five ASSO blocks. |
| 5 | FST exhausted trying to allocate AC extent. |
| 6 | ASSO space allocation RABN not on device. |
| 7 | ASSO space on required device not available. |
| 8 | FROM RABN available, but contiguous space is not sufficient. |
| 9 | Associator or Data Storage space of the requested size is not available. |
| 10 | Data Storage space on the same device as the previous extent is not available. |
| 11 | FST is empty, or data storage for the current MAXRECL value is not available. |
| 12 | FST empty. |

On open systems, the third and fourth bytes of the Additions 2 field contain either "AS" (Associator) or "DS" (Data Storage). You can also get the response 77 if you specified an explicit RABN for an Associator or Data Storage extent and the requested space is not available at the requested RABN. Please note that Adabas distinguishes between small (< 16KB) and large (>= 16KB) index blocks. This means that a response 77 can be returned even though there are enough free Associator blocks, but the free Associator blocks have the wrong size.

**Action**

On mainframe systems, ask your DBA for assistance; Associator or Data Storage extents may have to be reallocated.

On open systems, add a new Associator or Data Storage extent to the database using the ADADBM utility or specify a RABN where the requested space is available.

**Note:** Response 77 can sometimes be prevented by enabling database autoexpand to execute in the online mode (specify the open systems nucleus parameter OPTIONS=AUTO_EXPAND).

**Response 78**

**Origin**

Mainframe and open systems

**Explanation**

The meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

The cause of this response is indicated by one of the following subcodes:

| Subcode | Meaning |
|---|---|
| 1 | The AC file cannot be increased; only one file extent is permitted. |
| 2 | The file contains more than either 4 billion or 16 MB of ISNs, depending on the ISN length, or if ISNREUSE is in effect, the file has reached TOPISN and is very fragmented and too much effort would be needed to search for a free ISN. |

**Open Systems**

An overflow occurred in the free space table (FST) as a result of Associator or Data Storage fragmentation, or the maximum number of DSST extents has already been allocated.

**Action**

The method of resolving the error varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

If the file has reached the 16-MB limit, you might convert it to a file with the 4-byte ISN option or to an expanded file. If ISNREUSE is in effect, ADABAS ISNREUSE=ON, RESET can be used to reset the rotating ISN pointer or the file can be reloaded to eliminate the fragmentation.

If the file has NOACEXTENSION specified, look for alternatives to increase the file size such as adding an additional file to the expanded file chain. If the file is not part of an expanded file chain, you may want to reload the file to remove the restriction.

**Open Systems**

If it is an FST problem, reorder the database. If it is a DSST problem, which can only occur in the context of a utility, refer to the message DSSTALL for further information.

**Response 79**

**Origin** Mainframe and open systems

**Explanation** The meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

A collation descriptor exit or hyperdescriptor exit error occurred. The following table describes the possible subcodes for this response code and their meanings:

| Subcode | Meaning |
|---|---|
| 1 | Either a collation descriptor exit (subcode CDX*n* where *n* is the one-byte binary collation descriptor exit number) or a hyperdescriptor exit ("hyperdescriptor exit") was not specified ADARUN. |
| 5 | The hyperdescriptor exit stub was called for an extended MU/PE file. |
| 6 | Improper use of the parameter list was detected by the Hyperdescriptor Exit Stub. The most likely reason is that a hyperdescriptor exit using the Adabas 8 parameter structures is linked to the Hyperdescriptor Exit Stub. |
| 7 | The Hyperdescriptor Exit Stub could not resolve the HEXOLD external reference. |
| 8 | Improper use of the parameter list was detected. The second word of the parameter list was modified. |
| 9 | A hyperdescriptor exit did not return an output parameter area address. |
| 10 | A hyperdescriptor exit rejected the call by setting a nonzero return code in the output parameter header. |

**Open Systems**

A hyperdescriptor exit is not available to the nucleus. The following information is returned in the Additions 2 field of the control block:

- The first two bytes contain the number of the hyperdescriptor exit,;
- The third and fourth bytes contain the name of the hyperdescriptor.

**Action** The method of resolving the error varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

The following table describes the actions you should take for each possible subcode for this response code:

| Subcode | User Action |
|---|---|
| 1 | Reissue ADARUN with the CDX*nn* or HEX*nn* parameter. For more information about ADARUN parameters, read *Adabas Initialization (ADARUN Statement)*, in *Adabas Operations Manual*; for more information about user exits and hyperdescriptor exits, read *User Exits and Hyperdescriptor Exits*, in *Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual*. |
| 5 | The Hyperdescriptor Exit Stub may not be used with extended MU/PE files. For more information about hyperdescriptor exits, read *User Exits and Hyperdescriptor Exits*, in *Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual*. |
| 6,7 | Investigate the Hyperdescriptor Exit Stub link job. For more information about hyperdescriptor exits, read *User Exits and Hyperdescriptor Exits*, in *Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual*. |
| 8 | A likely cause of the error is that a pre-Adabas 8 hyperdescriptor exit was called without a linked Hyperdescriptor Exit Stub. For more information about hyperdescriptor exits, read *User Exits and Hyperdescriptor Exits*, in *Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual*. |
| 9 | Hyperdescriptor exits must return an output parameter area address upon return. For more information about hyperdescriptor exits, read *User Exits and Hyperdescriptor Exits*, in *Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual*. |
| 10 | Investigate the hyperdescriptor exit to determine why the call was rejected. |

**Open Systems**

Define the hyperdescriptor exit and restart the nucleus.

**Response 81**

**Origin** Mainframe systems only

**Explanation** An MU or PE field error occurred, as described by the subcode:

| Subcode | Meaning |
|---|---|
| 1 | The PE index is greater than 191 (if the maximum number of PE field occurrences is 191). |
| 2 | The PE index is greater than 65534 (if the maximum number of PE field occurrences is 65534). |
| 3 | The MU index is greater than 65534 (if the maximum number of MU field occurrences is 65534). |
| 4 | The MU index is greater than 191 (if the maximum number of MU field occurrences is 191). |

**Action** Correct the MU or PE field problem and try again. If the problem persists, contact our support for assistance.

**Response 82**

**Origin** Mainframe systems only

**Explanation** A hyperdescriptor exit routine returned an invalid ISN.

**Action** Correct the hyperdescriptor exit routine logic and restart the nucleus.

**Response 83**

**Origin** Mainframe and open systems

**Explanation** The meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

A hypertable overflow occurred.

**Open Systems**

A hyperdescriptor exit routine returned an invalid ISN.

The following information will be returned in the Additions 2 field of the control block:

- The first two bytes contain the offset the invalid ISN in the specified ISN buffer in binary format;
- The third and fourth bytes contain the name of the hyperdescriptor.

**Action** The method of resolving the error varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

**Open Systems**

Correct the hyperdescriptor exit routine and restart the nucleus.

**Response 84**

**Origin** Mainframe systems only

**Explanation** Too many values were present for a subdescriptor or a superdescriptor.

**Action** Reduce the number of subdescriptor or superdescriptor values and try again.

**Response 85**

**Origin** Mainframe and open systems

**Explanation** The meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

Too many descriptor values were present for an update or add record command.

**Open Systems**

The descriptor value table space cannot be allocated from the buffer pool.

**Action** The method of resolving the error varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

**Open Systems**

Increase the size of the LBP parameter.

**Response 86**

**Origin** Mainframe and open systems

**Explanation** A hyperdescriptor exit return error occurred for one of the following reasons:

- An incorrect sign for a packed descriptor value was created.
- A value with an incorrect length byte was returned.
- The ISN was changed by an update command.

On open systems, the following information is returned in the Additions 2 field of the control block:

- The first two bytes contain a value. This value can be:

| | |
|---|---|
| 1 | the hyperdescriptor pool exceeds the nucleus buffer pool |
| 2 | the hyperdescriptor exit has returned an invalid pointer, length or count value |
| 3 | an element in the user-defined format buffer is not a parent field of the hyperdescriptor |
| 4 - 255 | Adabas response code |
| >255 | user-defined error return for hyperdescriptor exit routine |

- The third and fourth bytes contain the name of the hyperdescriptor or the name of the parent field.

**Response 87**

**Origin** Mainframe systems only

**Explanation** The Adabas buffer pool is locked; it is too small to accommodate all blocks needed for (parallel) command execution.

**Action** Check the length of the buffer pool (LBP) as follows:

| Subcode | User Action |
|---|---|
| 1 | Check the LBP value with DPARM. |
| 2 | Increase the ADARUN LBP parameter value. |
| 3 | Retry the operation. If the error recurs, call your our support representative for assistance. |

**Response 88**

**Origin** Mainframe and open systems

**Explanation** This response code generally occurs when there is a workpool (LWP) shortage. Sufficient work pool space is not available or the sort workspace is too small (even if only one user is active).

On mainframes systems, when this response code occurs, refer to the hexadecimal subcode that appears in the low-order (rightmost) two bytes of the ACB's Additions 2 field or in the ACBX's Error Subcode (ACBXERRC) field. This subcode describes what kind of operation encountered the error.

The following table describes the mainframe subcodes and provides recommended actions.

| Subcode | Operation Encountering the Workpool Shortage | Action |
|---|---|---|
| 1 | Only active command is waiting for workpool space. | Increase the ADARUN LWP setting and try again. |
| | During session autorestart, insufficient workpool or user queue space was encountered. | Increase ADARUN LWP and NU parameter settings and try again. |
| 2 | Only active command is waiting for workpool space. | Increase the ADARUN LWP setting and try again. |
| 3 | A command waiting for workpool space was interrupted for transaction backout. | |
| 4 | A1 command | |
| 5 | E1 command | |
| 7 | Superfield value generation | |
| 8 | N1 command | |

| Subcode | Operation Encountering the Workpool Shortage | Action |
|---|---|---|
| 9 | OP command | |
| 10 | Descriptor value generation | |
| 11 | Hyperdescriptor value generation | |
| 12 | | |
| 13 | Subdescriptor value generation | |
| 15 | DTP=RM: A getmain error during Work-Part-4 initialization. | |
| 16 | Hard-coupled file update processing encountered a workpool shortage. | |
| 17 | A session autorestart encountered a workpool shortage. | |
| 18 | Session autorestart during online recovery in a cluster | |
| 22 | Online reorder by descriptor | |
| 23 | Online invert | |
| 24 | Open one of the Work data sets in a cluster | |
| 25 | Session autorestart in a cluster | |
| 79 | Work pool shortage during release of advanced lock function. | |
| 80 | Work pool shortage during insert (N1/N2-command) of spanned record | |
| 96 | Internal command queue full | |
| 98 | Cluster with DTP=RM: Recovery of distributed transactions encountered a workpool shortage. | |
| 99 | ET command with P-option | |
| | Descriptor value generation for multi-client file | |
| | Single-user mode: Command initialization | |
| | Replication: Setup of initial-state process | |
| | DTP=RM: Insufficient user queue space during Work-part-4 initialization | Increase the ADARUN NU setting and try again. |

**Action**

For mainframe systems, review the actions described in the table above.

For open systems, verify the parameter values for the database that relate to the working storage allocation. Ask your DBA to increase the size of the LWP or LS parameter, as necessary.

**Response 89**

**Origin** Mainframe systems only

**Explanation** The UQE was already in use, and an attempt was made to execute two commands at the same time for the same user.

**Response 94**

**Origin** Mainframe systems only

**Explanation** An I/O error occurred on DDWORKR4.

**Response 95**

**Origin** Mainframe systems only

**Explanation** An I/O error occurred on the Work LP area.

**Response 96**

**Origin** Mainframe systems only

**Explanation** An error occurred during ADARES REPAIR utility execution.

| Subcode | Meaning |
|---|---|
| 2 | An I/O error occurred during nucleus termination; Additions 2 may contain RABN. |

**Response 97**

**Origin** Mainframe systems only

**Explanation** An I/O error occurred during buffer flush. Additions 2 may contain RABN.

**Response 98**

**Origin** Open systems only

**Explanation** A uniqueness violation of a unique descriptor was detected during a store or update processing if subtransactions are not activated, or otherwise at end of a subtransaction. The third and fourth bytes of the Additions 2 field contain the name of the descriptor which caused the uniqueness conflict.

**Action** Check the descriptor values.

**Response 99**

**Origin** Mainframe and open systems

**Explanation** An I/O error occurred.

On open systems, the first 2 bytes of the Additions 2 field ( in binary format) contain the extent number. The third and fourth bytes contain the container type ("AS" for ASSO, or "DS" for DATA or "WO" for WORK).

**Action** On open systems, check whether any disk devices have gone offline or check the error log for hardware errors.

**Response 101**

**Origin** Mainframe and open systems

**Explanation** An error has occurred using one of the client-based Adabas add-on products such as Adabas System Coordinator or Adabas Fastpath.

**Mainframe Systems**

On mainframe systems, one of the following subcodes may also be included with this response code:

- Subcodes of 20 or less are produced by Adabas Fastpath when an error occurs during the processing of an Adabas command.
- Subcodes of 21 or greater are produced by Adabas System Coordinator.

Refer to the hexadecimal subcode that appears in the command's Adabas control block, Additions 2 field, low-order (rightmost) two bytes. The subcodes are described in the table below:

| Subcode | Meaning |
|---|---|
| 2 | L3/L9 direct optimization internal error. This is an Adabas Fastpath error. The hexadecimal representation for this subcode is "2". |
| 6 | L3 direction change error. This is an Adabas Fastpath error. The hexadecimal representation for this subcode is "6". |
| 7 | Direction change integrity check error.This is an Adabas Fastpath error. The hexadecimal representation for this subcode is "7". |
| 8 | Default response to internal service commands in the database. This is an Adabas Fastpath error. The hexadecimal representation for this subcode is "8". |
| 9 | Optional response for Read Ahead Update warning messages. This is an Adabas Fastpath error. The hexadecimal representation for this subcode is "9". |
| 10 | Error following a PLEX move. This is an Adabas Fastpath error. The hexadecimal representation for this subcode is "A". |

| Subcode | Meaning |
|---|---|
| 21 | Session cleanup error. This is an internal error in Adabas System Coordinator.<br><br>*Action:* Contact our support. |
| 22 | You are using the CORS09 client component in a Natural for zIIP environment and Natural zap NA97065 is not applied.<br><br>*Action:* Apply Natural zap NA97065. |
| 23 | Session create error. This is probably due to insufficient memory.<br><br>*Action:* Increase the job region size. If the problem persists, contact our support. |
| 25 | CAB: Allocation failed. Insufficient memory was available for CAB. This is an Adabas System Coordinator error.<br><br>*Action:* Increase the job region size.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 26 | Incorrect use of asynchronous Adabas calls.<br><br>*Action:* Contact our support.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 28 | Internal thread concurrency error.<br><br>*Action:* Contact our support.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 29 | Internal command error: Value buffer is not present.<br><br>*Action:* Contact our support. |
| 30 | Internal command error: Illegal function.<br><br>*Action:* Contact our support. |
| 31 | Error allocating the internal job-structure.<br><br>*Action:* Increase the job region size. If the problem persists, contact our support. |
| 32 | Internal command error: Insufficient record buffer.<br><br>*Action:* Contact our support. |
| 33 | Internal command error: Record buffer is not present.<br><br>*Action:* Contact our support. |
| 34 | Internal command error: Incorrect value buffer format.<br><br>*Action:* Contact our support. |

| Subcode | Meaning |
|---|---|
| 35 | Memory allocation failure. Insufficient memory was available for an internal area needed for NIM support. This is an Adabas System Coordinator error.<br><br>*Action:* Increase the job region size.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 38 | Internal command error: Unsupported memory function<br><br>*Action:* Contact our support. |
| 43 | Initialization Error. An error occurred during job initialization in Adabas System Coordinator.<br><br>*Action:* Ensure that correct runtime controls were defined for the job. If problem persists, contact our support. |
| 46 | CAS: No group header record. This error appears if Adabas System Coordinator fails to find a header record for the required System Coordinator group.<br><br>*Action:* First check that you have a valid CORCFG module pointing to the correct database and file number for your configuration file. Ensure that the load library containing CORCFG is included in the load library concatenation of the job. If CORCFG is present and correct, logon to SYSCOR and verify that you have valid Daemon Group parameters for the job you are running. If all parameters are correct, contact our support for assistance. |
| 49 | Internal eventing error: Illegal request.<br><br>*Action:* Contact our support. |
| 50 | Internal error processing add-on products.<br><br>*Action:* Contact our support. |
| 53 | This job is not defined to use the daemon.<br><br>*Action:* Review and correct the installation for this job. |
| 54 | Internal services error.<br><br>*Action:* Contact our support. |
| 55 | Latency processing error. This is an internal error in Adabas System Coordinator.<br><br>*Action:* Contact our support.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 56 | Latency processing error. This is an internal error in Adabas System Coordinator.<br><br>*Action:* Contact our support. |

| Subcode | Meaning |
|---|---|
| | **Note:** This subcode is not subject to COR Debug. |
| 59 | A critical product or daemon service is unavailable.<br><br>**Critical product not available:**<br><br>One or more products - defined as "Critical" in the CORCFG configuration module - could not be initialized due to one of the following:<br><br>■ The Adabas System Coordinator Kernel module (CORKRN) was not found.<br>■ Adabas System Coordinator initialization has failed. There will be a COR message indicating the cause of the failure.<br><br>*Action:* If the job relies upon a “critical” product, ensure the product is installed correctly.<br><br>**Daemon Service not available:**<br><br>This client job has been configured to use a COR daemon service (for example, Daemon latency) but the service is unavailable due to an invalid COR daemon license. This subcode will be accompanied by a COR079E message.<br><br>*Action:* If the job is configured to use COR daemon services, check the COR daemon has available / is using a valid COR license.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 60 | CORKRN: Critical Products. One or more products have been defined as "Critical" in the Adabas System Coordinator configuration file, and the product has indicated a critical error during initialization.<br><br>*Action:* Determine the cause of the concurrent command and modify the application to remove it. |
| 62 | CORS02/CORS12: Subsystem storage protect facility not activated. Com-plete has been customised to operate with mixed thread keys, but the IBM subsystem Storage Protection override facility is not enabled. Adabas System Coordinator requires this facility to support mixed thread keys in Com-plete.<br><br>*Action:* Either activate the Subsystem Storage Protection override facility in this system OR change the Com-plete thread groups to operate in Com-plete's key only (see the description of the THREAD-GROUP parameter in the Com-plete documentation).<br><br>**Note:** This subcode is not subject to COR Debug. |
| 64 | Net-Work Clustering: Node not member of Group. This is an internal error in Adabas System Coordinator.<br><br>*Action:* Contact our support. |

| Subcode | Meaning |
|---|---|
| 65 | Net-Work Clustering: Message segment protocol error. This is an internal error in Adabas System Coordinator.<br><br>*Action:* Contact our support. |
| 66 | Net-Work Clustering: Message sequence error. This is an internal error in Adabas System Coordinator.<br><br>*Action:* Contact our support. |
| 67 | Invalid SVC is being used for the execution of an Adabas call.<br><br>*Action:* Review and correct the installation. If the problem persists, contact our support. |
| 68 | The batch Adabas System Coordinator client component (CORS01) is being incorrectly used for a Multi-TCB job.<br><br>*Action:* Refer to installation step "Add the System Coordinator to the Adabas Client" in the Installation Procedure section of the Adabas System Coordinator Installation documentation for information regarding the available CORS0*n* client components and their applicability to different job types.<br><br>If the problem persists, contact our support. |
| 69 | Insufficient memory to initialize runtime controls. There is insufficient memory for COR to initialize. This is an Adabas System Coordinator error.<br><br>*Action:* Increase the memory available to the job. |
| 81 | Internal UB Getmain error. This is an internal error in Adabas System Coordinator.<br><br>*Action:* Contact our support. |
| 82 | Invalid session pointer. This is an internal error in Adabas System Coordinator.<br><br>*Action:* Contact our support. |
| 83 | Internal session UB not found. This is an internal error.<br><br>*Action:* Contact our support. |
| 84 | Internal error in Adabas buffer analysis. This is an internal error in Adabas System Coordinator.<br><br>*Action:* Contact our support. |
| 85 | Internal thread getmain error. This is an internal error in Adabas System Coordinator.<br><br>*Action:* Increase the job region size and rerun the job. If the problem persists, contact our support. |

| Subcode | Meaning |
|---|---|
| 86 | Invalid command block pointer. This is an internal error in Adabas System Coordinator.<br><br>*Action:* Contact our support. |
| 87 | Client versioning has not been installed correctly.<br><br>*Action:* Check the job for any console messages and ensure that client versioning is installed correctly. |
| 88 | Adabas CICS link module and TRUE have not been installed correctly.<br><br>*Action:* Ensure that the Adabas CICS link module and TRUE are installed correctly. This must be done to enable Adabas System Coordinator to operate in a CICS job.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 89 | The NIM subtask is in the process of being detached.<br><br>*Action:* None, this subcode simply indicates that a NIM subtask was still issuing Adabas commands when it was terminated by the main NIM task.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 90 | Internal handshake token validation error. |
| 91 | Latency processing error (no facility). This is an internal error in Adabas System Coordinator. Action: Contact our support.<br><br>*Action:* Contact our support. |
| 92 | Asynchronous call with no CAB. This is an internal error in Adabas System Coordinator.<br><br>*Action:* Contact our support. |
| 93 | Latency processing error (memory). This is an internal error in Adabas System Coordinator.<br><br>*Action:* Increase the job region size. If the problem persists, contact our support.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 94 | Latency processing lock error. This is an internal error in Adabas System Coordinator.<br><br>*Action:* Contact our support.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 95 | Daemon latency processing error. This is an internal error in Adabas System Coordinator.<br><br>*Action:* Ensure that the System Coordinator daemon is available. |

| Subcode | Meaning |
|---|---|
| | If the client that receives this error is using the COLAT daemon latency disk file to manage their session-related information, then this subcode may be indicative that the disk file is full. If so, check the daemon job log for any accompanying error messages.<br><br>If the problem persists, contact our support.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 96 | Latency processing error (facility deleted). This is an internal error in Adabas System Coordinator.<br><br>*Action:* Contact our support.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 97 | Latency processing lock error when using daemon latency.<br><br>*Action:* Contact our support.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 102 | Latency processing unlock error. This is an internal error in Adabas System Coordinator.<br><br>*Action:* Contact our support.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 103 | Latency processing error for IMS.<br><br>*Action:* Increase the size of the Daemon latency /pulse services shared memory area size in the COR daemon parameters.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 200 | When running Multi-system dynamic transaction routing, there was an error writing to the Coupling Facility Cache structure.<br><br>*Action:* Refer to the accompanying COR010S message in the daemon.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 201 | When running Multi-system dynamic transaction routing, there was an error reading from the Coupling Facility Cache structure.<br><br>*Action:* Refer to the accompanying COR009S message in the daemon.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 202 | When running Multi-system dynamic transaction routing, an incorrect record was read from the Coupling Facility Cache structure.<br><br>*Action:* Contact our support. |

| Subcode | Meaning |
|---|---|
| | **Note:** This subcode is not subject to COR Debug. |
| 203 | When running Multi-system dynamic transaction routing, there was a memory shortage in the local daemon when attempting communications with a peer daemon. This error may be accompanied by a CAS024E message in the daemon.<br><br>*Action:* Increase the region size for the daemon. If the problem persists, contact our support.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 204 | When running Multi-system dynamic transaction routing, there was a protocol error in the local daemon when attempting communications with a peer daemon. This error may be accompanied by a CAS024E message in the daemon.<br><br>*Action:* Perform the following daemon checks:<br><br>■ Check all daemon members of the group are active<br>■ Use the DRES operator command to check resource high watermarks<br>■ Check/increase daemon region size<br><br>If the problem perists, contact our support.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 207 | When running Multi-system dynamic transaction routing and attempting to move a facility across the Sysplex, there was a memory shortage in the local daemon. This error may be accompanied by a CAS024E message in the daemon.<br><br>*Action:* Increase the region size for the daemon. If the problem persists, contact our support.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 208 | When running Multi-system dynamic transaction routing and attempting to move a facility across the Sysplex, there was a protocol error in the local daemon when attempting communications with a peer daemon. This error may be accompanied by a CAS024E message in the daemon.<br><br>*Action:* Perform the following daemon checks:<br><br>■ Check all daemon members of the group are active<br>■ Use the DRES operator command to check resource high watermarks<br>■ Check/increase daemon region size<br><br>If the problem persists, contact our support. |

| Subcode | Meaning |
|---|---|
| | **Note:** This subcode is not subject to COR Debug. |
| 210 | When running Multi-system dynamic transaction routing and attempting to move a facility across the Sysplex, there was an internal error with the facility size. This error may be accompanied by a CAS024E message in the daemon (limit of once per day).<br><br>*Action:* Perform the following daemon checks:<br><br>■ Check all daemon members of the group are active<br>■ Use the DRES operator command to check resource high watermarks<br>■ Check/increase daemon region size<br><br>If the problem persists, contact our support.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 211 | When running Multi-system dynamic transaction routing using disk latency and attempting to move a facility across the Sysplex, the facility could not be moved due to an error processing the disk latency. This error may be accompanied by a CAS024E message in the daemon.<br><br>*Action:* Perform the following daemon checks:<br><br>■ Check all daemon members of the group are active<br>■ Use the DRES operator command to check resource high watermarks<br>■ Check/increase daemon region size<br>■ Check disk latency settings<br><br>If the problem persists, contact our support.<br><br>**Note:** This subcode is not subject to COR Debug. |
| 212 | When running Multi-system dynamic transaction routing and attempting to move a facility across the Sysplex, there was an internal error writing to daemon managed shared memory. . This error may be accompanied by a CAS024E message in the daemon.<br><br>*Action:* Perform the following daemon checks:<br><br>■ Check all daemon members of the group are active<br>■ Use the DRES operator command to check resource high watermarks<br>■ Check/increase daemon region size<br><br>If the problem persists, contact our support.<br><br>**Note:** This subcode is not subject to COR Debug. |

| Subcode | Meaning |
|---|---|
| 213 | When running Multi-system dynamic transaction routing and attempting to move a facility across the Sysplex, there was a protocol error in the local daemon when attempting to remove the facility from a peer daemon. This error may be accompanied by a CAS024E message in the daemon (limit of once per day).<br><br>*Action:* Perform the following daemon checks:<br><br>■ Check all daemon members of the group are active<br>■ Use the DRES operator command to check resource high watermarks<br>■ Check/increase daemon region size<br><br>If the problem persists, contact our support.<br><br>**Note:** This subcode is not subject to COR Debug. |

**Open Systems**

On open systems, one of the following Adabas System Coordinator subcodes may also be included with this response code:

| Subcode | Meaning |
|---|---|
| 1 (0x0001) | The standard Adabas or Entire Net-Work ADALNKX library could not be loaded.<br><br>*Action:* Check that the ADALNKX parameter in the Initialisation File (cor.cfg) is set correctly and that the library exists. |
| 2 (0x0002) | The standard Adabas or Entire Net-Work ADALNKX library could not be loaded.<br><br>*Action:* Contact our support. |
| 3 (0x0003) | The standard Adabas or Entire Net-Work ADALNKX library does not export all expected functions.<br><br>*Action:* Check that the ADALNKX parameter in the Initialisation File refers to an ADALNKX library and not an ADALNK or ADALNK32 library. |
| 4 (0x0004) | Adabas did not return the database architecture information in the ISN lower limit field when an OP command was issued to the Configuration File.<br><br>*Action:* Contact our support. |

| Subcode | Meaning |
|---|---|
| 5 (0x0005) | The path to the Initialisation File (cor.cfg) could not be determined.<br><br>*Action:* Check the HKLM\SOFTWARE\Software GmbH\Adabas System Coordinator registry key and ensure the Path value is set correctly (Windows).<br><br>Check that the $CORDIR and $CORVERS environment variables are set correctly (Linux). |
| 6 (0x0006) | The ADALNKX parameter could not be read from the Initialization File (*cor.cfg*).<br><br>*Action:* Check that the Initialization File exists and that the ADALNKX parameter is set correctly. |
| 7 (0x0007) | The LFILE parameter could not be read from the Initialization File.<br><br>*Action:* Check that the Initialization File (*cor.cfg*) exists and that the LFILE parameter is set correctly. |
| 8 (0x0008) | An incompatible version of an Adabas add-on product is installed.<br><br>*Action:* Contact our support. |
| 9 (0x0009) | An incompatible version of an Adabas add-on product is installed.<br><br>*Action:* Contact our support. |
| 10 (0x000A) | The library for an Adabas add-on product could not be loaded.<br><br>*Action:* Check that the Adabas add-on product is installed correctly. |
| 11 (0x000B) | The library for an Adabas add-on product could not be unloaded.<br><br>*Action:* Contact our support. |
| 12 (0x000C) | The address or length of the format, record, search, value or ISN buffer appears to be invalid.<br><br>*Action:* Check the buffer addresses passed to the adabas() function and the lengths specified for the buffers in the Adabas control block. |
| 13 (0x000D) | The CORADC load module could not be fetched (Mainframe).<br><br>*Action:* Check that $STEPLIB environment variable is correct and that the CORADC load module exists in the specified data set. |

| Subcode | Meaning |
|---|---|
| 14 (0x000E) | Port range exhausted (there are not enough allocated to this computer).<br><br>*Action:* Configure a larger port range for the Adabas System Coordinator Computer using Adabas Manager. |
| 15 (0x000F) | Port conflict (the allocated port is in use by another application).<br><br>*Action:* Assign a different port to the Adabas System Coordinator daemon or change the port range for the Adabas System Coordinator computer using Adabas Manager. |
| 16 (0x0010) | Computer name could not be generated.<br><br>*Action:* The Adabas System Coordinator Launch Control could not generate a unique computer name for the machine. Create an Adabas System Coordinator computer for this machine manually using Adabas Manager. |
| 17 (0x0011) | The FDT of the Configuration File is not compatible with Adabas System Coordinator.<br><br>*Action:* Check that the database and file numbers are correct. |
| 18 (0x0012) | The version of Adabas is not compatible with Adabas System Coordinator.<br><br>*Action:* Contact our support. |
| 19 (0x0013) | The SAGABS library could not be loaded.<br><br>*Action:* Check that the SAGABS library is installed. |
| 20 (0x0014) | The SAGABS library could not be unloaded.<br><br>*Action:* Contact our support. |
| 21 (0x0015) | The SAGABS library is not compatible with Adabas System Coordinator.<br><br>*Action:* Contact our support. |
| 22 (0x0016) | Port conflict (the allocated port is in use by another Adabas System Coordinator Group).<br><br>*Action:* Assign a different Group Services port to the Adabas System Coordinator Computer using Adabas Manager. |
| 23 (0x0017) | Unable to spawn process (the command line parameters specified for the process are invalid).<br><br>*Action:* Contact our support. |
| 24 (0x0018) | Length of compressed record buffer length exceeds limit.<br><br>*Action:* Contact our support. |

| Subcode | Meaning |
|---|---|
| 25 (0x0019) | Length of compressed record buffer could not be determined.<br><br>*Action:* Contact our support. |
| 26 (0x001A) | Product not installed or not configured correctly.<br><br>*Action:* Check that the Adabas add-on product is installed correctly. |
| 27 (0x001B) | Configuration file version does not match the running version.<br><br>*Action:* Contact our support. |
| 28 (0x001C) | Configuration file layout is not as expected for a configuration file.<br><br>*Action:* Contact our support. |
| 29 (0x001D) | The installed Adabas version does not correctly process LF 'S' commands (Adabas 6.1.9 or earlier).<br><br>*Action:* Contact our support. |
| 30 (0x001E) | The installed Adabas version does not support LF 'I' commands (unzapped Adabas 8.2.2 or earlier).<br><br>*Action:* Contact our support. |
| 31 (0x001F) | Migration of the Configuration File was unsuccessful.<br><br>*Action:* Check the output of the migration process for erros. If the reason for an unsuccessful migration cannot be determined, contact our support. |
| 52 (0x0034) | Exception reading/writing pointer.<br><br>*Action:* Contact our support. |
| 0000A001-FFFFA001 | A TCP/IP error occurred.<br><br>*Action:* The left-hand side of the subcode contains the operating system error code. |
| 0000A002-FFFFA002 | A DNS error occurred.<br><br>*Action:* The left-hand side of the subcode contains the operating system error code. |

**Response 102**

**Origin** Mainframe systems only

**Explanation** Space calculation error.

**Action** Retry the open operation.

**Response 105**

**Origin** Mainframe systems only

**Explanation** An ICS error occurred. Please check for an accompanying ADAN7A message with further information.

**Response 106**

**Origin** Mainframe systems only

**Explanation** The prefetch table record buffer specified in the UDB is too small.

**Response 107**

**Origin** Mainframe systems only

**Explanation** Either a GETMAIN error occurred or there was insufficient space when performing prefetch. Prefetch is switched off.

**Response 109**

**Origin** Mainframe systems only

**Explanation** The specified command ID is already active on another database for this user.

**Response 110**

**Origin** Mainframe systems only

**Explanation** The command ID pool is full.

**Action** Increase the size of either or both the ADARUN NQCID or NU parameters.

**Response 113**

**Origin** Mainframe and open systems

**Explanation** The specified ISN was invalid for one of the following reasons:

- An HI command was issued with ISN less than MINISN or with an ISN equal to zero (0).
- An N2 command was issued with ISN equal to 0 or larger than the MAXISN in effect for the file.
- An N2 command was issued and the specified ISN was assigned to another record in the file.

- An A1, L1/L4, or S1/S2/S4 (with FB) command was issued for a nonexistent ISN, or an E1 command for a nonexistent ISN other than zero.
- An L3/L6 command found an ISN in the index which did not exist in the address converter.
- An N1/N2 command tried to access a file protected by security-by-value, but the command user is not authorized to access the file.
- A read or update command tried to access a multiclient file's record using either a blank or incorrect-length owner ID, or an owner ID that does not apply to the record.
- An RI command was issued for a record that has been updated earlier in the same transaction. The record cannot be released from hold status prior to transaction end. Subcode 5 is issued for this reason.
- Subcode 19 is given when a base file record is not found in the address converter (AC). At the end of a LOB update in the LOBfile, the associated base file record no longer existed.
- Subcode 249 is given only when Adabas Vista is in use. Refer to the Adabas Vista documentation for more information.

**Open Systems**

On open systems, the following subcodes may occur:

| Subcode | Meaning |
|---|---|
| 249 (0x00F9) | An invalid ISN was detected by Adabas Vista (open systems). The ISN specified for an `E1, HI` or `L1` command is not consistent with the definitions for the partitioned file.<br><br>*`Action:`* Review the program logic |

**Action** Correct the ISN problem and try again.

**Response 114**

**Origin** Mainframe and open systems

**Explanation** A refresh file function using the E1 command was issued (E1 with ISN=0), and one of the following situations has occurred.

The meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

One of the following subcodes may be present:

| Subcode | Description |
|---|---|
| 1 | A file refresh is not permitted for the file because either<br>■ the file parameter setting is PGMREFRESH=NO (can be checked with ADAREP or via Adabas Online Services (AOS) Display File )<br>■ or the command ID field (ACBCID or ACBXCID) is not all blanks. |
| 2 | The user has not completed transactions to the file. Updates have been performed or records are still in hold, but the user has not issued an ET or BT command to commit or back out the updates. |
| 3 | Other users are accessing or updating the file. This is determined by the user access or update counts available internally to Adabas. |
| 4 | The file is a multiclient file and the user is not a superuser. |

**Open Systems**

One of the following situations has occurred:

- PGM_REFRESH is not specified for the file.
- The user session is not at ET status.

**Action**

The method of resolving the error varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

If you forgot to specify the ISN for the E1 command, the CID setting is incorrect, the command was not issued at ET status or the user is no superuser: correct your program accordingly.

If other users are accessing or updating the file STOP these users.

If PGMREFRESH=YES was not specified for the file in question, specify PGMREFRESH=YES for the file with ADADBS or Adabas Online Services (AOS) or load the file with the appropiate ADALOD parameter.

**Open Systems**

If you forgot to specify the ISN for the E1 command, or the command was not issued at ET status, correct your program. If PGM_REFRESH was not specified for the file in question, specify PGM_REFRESH for the file with ADADBM.

**Response 123**

**Origin** Mainframe systems only

**Explanation** An error was reported by the Adabas cluster messaging service on the sender's side. The message was not sent. One of the following subcodes may be present:

| Subcode | Meaning |
|---|---|
| 4 | No valid destination(s) |
| 8 | Too many destinations |
| 12 | Invalid message type |
| 16 | Invalid environment |
| 20 | Send buffer length exceeded |
| 24 | Receive buffer length exceeded |
| 28 | No replies or acknowledgment(s) before the message timed out. For more information about the timeout value, refer to descriptions of the ADARUN MXMSG parameter. |
| 32 | Unable to allocate AXMCB |
| 36 | Timed out on originating system |
| 40 | Timed out on destination system |
| 44 | Canceled on destination system |
| 48 | Receive error on destination system |
| 52 | Unable to allocate buffer |
| 56 | Too many buffer elements |
| 80 | Messaging is inactive |
| 96 | Terminate member unsuccessful |
| 128 | Other Trans-port service error |

**Action** If you are unable to resolve the problem, contact our support.

**Response 124**

**Origin** Mainframe systems only

**Explanation** An error was reported by the Adabas cluster messaging service on the receiver's side. The message was sent. One of the subcodes described for response code 123 (ADARSP123) may be present.

**Action** If you are unable to resolve the problem, contact our support.

**Response 125**

**Origin** Mainframe systems only

**Explanation** An internal error occurred when one cluster nucleus attempted to issue an internucleus command to one or more of the other cluster nuclei. This condition usually leads to abnormal termination.

**Action** Contact our support.

**Response 126**

**Origin** Mainframe systems only

**Explanation** A messaging error occurred during internucleus communication:

- The nucleus did not respond within the allotted time (see the ADARUN MXMSG parameter); or
- One or more problems occurred in what could be a broadcast; that is, a communication with multiple targets. In this case, each individual ACB contains either response code 0 (ADARSP000) or 123 (ADARSP123) or 124 (ADARSP124).

**Action** If you are unable to resolve the problem, contact our support.

**Response 129**

**Origin** Mainframe systems only

**Explanation** In an Adabas cluster environment, the user attempted to perform an Adabas function that is not yet supported by Adabas cluster nuclei.

**Response 130**

**Origin** Mainframe systems only

**Explanation** An error identified by one of the following subcodes occurred in an Adabas cluster environment:

| Subcode | Description |
|---|---|
| 1 | A user table entry (UTE/PLXUSER) was not found in the MPM 8 call. This may indicate that a command was directed to an Adabas Cluster Services or Adabas Parallel Services nucleus ID (NUCID), not the DBID. |
| 2 | A user table entry (UTE/PLXUSER) was not found in the MPM 12 call. |
| 9 | The associated PLXUSER(UTE) was unsuitable at command initiation. One possibility is that the UQE of the user was deleted between the time the user's command was routed to one nucleus in the cluster and the time that nucleus selected the command for processing. Another possibility is that the PLXUSER and UQE UID string did not match because the PLXUSER may have been released and possibly reassigned to another user. |

| Subcode | Description |
|---|---|
| 10 | The associated PLXUSER(UTE) was unsuitable at command completion. The PLXUSER and UQE UID string did not match because the PLXUSER may have been released and possibly reassigned to another user. |
| 11 | No Work data set entry in active PPT block (bad PPT block). |
| 12 | Invalid internal NUCID (internal error) - accompanied by message ADAX3E. |
| 13 | Invalid external NUCID (bad PPT block, internal error) - accompanied by message ADAX3F. |
| 14 | Work data set already open for same internal NUCID, other external NUCID - accompanied by message ADAX3G. |
| 15 | Work data set already open for same external NUCID, other internal NUCID - accompanied by message ADAX3H. |
| 16 | Different Work data set already open for same peer nucleus - accompanied by message ADAX37. |
| 17 | Work data set of peer nucleus could not be opened - accompanied by message ADAX32. |
| 18 | I/O error when trying to read Work data set of peer nucleus - accompanied by message ADAX3C. |
| 19 | Unexpected (invalid) data in Work data set of peer nucleus - accompanied by message ADAX3D. |
| 20 | Mismatching DBID in Work data set. |
| 21 | Mismatching Adabas version indicator in Work data set. |
| 22 | Work data set written by non-cluster nucleus. |
| 23 | Partially written block in Work data set protection data extension area - accompanied by message ADAX5H. |

**Action** For subcode 1, correct the application program attempting to issue commands using the NUCID. If that is not the case, or for other subcodes, contact our support for assistance.

**Response 131**

**Origin** Mainframe systems only

**Explanation** In most cases this response code will be given to the user in the URBRRSP field of the URBR block with the subcode in the URBRSUB field. The subcode appears either in the low-order (rightmost) two bytes of the additions 2 field or in the URBRSUB field. It indicates the specific cause and action for this response code. The following are the subcodes and their meanings:

| Subcode | Meaning |
|---|---|
| 1 | The combination of URBD plus payload data does not fit in the output buffer.<br><br>*Action:* Change the subscription definition to make the record shorter. |
| 2 | The subscription user exit set a value in URBRERRC.<br><br>*Action:* Check the URBRERRC field and correct the error if appropriate. |
| 3 | There is insufficient space in the nucleus replication pool. In other words, the value specified by `LRPL` has been exceeded.<br><br>*Action:* Increase the LRPL size of the nucleus and try again. |
| 4 | There is insufficient space in the Event Replicator Server replication pool. In other words, the value specified by `LRPL` has been exceeded.<br><br>*Action:* Increase the size of the LRPL parameter and try again. |
| 5 | The subscription user exit modified data length (URBDLEND) to an invalid value.<br><br>*Action:* Check the subscription user exit. |
| 6 | The response destination (URBIRNAM) specified in a client request is undefined or not usable for sending the response.<br><br>*Action:* Correct the status request to specify the name of an existing destination definition. |
| 7 | Both the subscription (URBISNAM) and the destination (URBIDNAM) to be specified in a status request are missing. At least one of them must be specified.<br><br>*Action:* Correct the status request. |
| 8 | The subscription (URBISNAM) specified in a status request is undefined.<br><br>*Action:* Correct the status request. |
| 9 | The initial state name specified was not found.<br><br>*Action:* Correct the initial-state request. |
| 10 | The destination for response in URBI following URBI 1 is not equal to those of URBI 1.<br><br>*Action:* Correct the initial-state request. |
| 11 | The initial state name in URBI following URBI 1 is not equal to that of URBI 1.<br><br>*Action:* Correct the initial-state request. |
| 12 | The combination of DBID and file specified in the initial-state request is not found in the initial-state definition.<br><br>*Action:* Correct the initial-state request. |

| Subcode | Meaning |
|---|---|
| 14 | Not all combinations of DBID and file are specified in the initial-state request. A URBI must be sent for each DBID/file specified in the initial-state definition.<br><br>*Action:* Correct the initial-state request. |
| 15 | Field URBILEND is invalid.<br><br>*Action:* Correct the initial-state request. |
| 16 | The specified ISNLIST is invalid.<br><br>*Action:* Correct the initial-state request. |
| 17 | The initial-state process has been stopped by an operator request.<br><br>*Action:* No action is required. |
| 18 | Different request tokens have been specified in different URBI elements in the same message.<br><br>*Action:* Correct the initial-state request. |
| 19 | Selection data is not allowed for an initial-state definition for all records or for destination open/close client requests.<br><br>*Action:* Correct the initial-state or destination open/close client request. |
| 20 | Invalid input data for decompression was found during the subscription phase.<br><br>*Action:* Check the index of the replicated file. |
| 22 | The file/DBID supplied for the initial-state process is deactivated for replication.<br><br>*Action:* Check the cause of deactivation and repeat the request after reactivation. |
| 23 | Invalid UES parameter in URBI . URBIARC, URBIACOD, and URBIWCOD must contain invalid values and must not be all blanks.<br><br>*Action:* Verify that the URBIARC, URBIACOD, and URBIWCOD elements are not all blanks. |
| 24 | Invalid UES parameter in URBI.<br><br>URBIARC, URBIACOD and URBIWCOD must be zero for input requests where encoding and architecture is not evaluated -- that is, for status requests, destination open/close requests, "initial state all records" or "initial state ISN list" requests.<br><br>*Action:* The URBIARC, URBIACOD, and URBIWCOD elements must be zeros for "initial state all records" requests, "initial state ISN list" requests, status requests, or destination open/close requests. Verify that this is the case. |

| Subcode | Meaning |
|---|---|
| 25 | The unused URBIRES1 and URBIRES2 fields must contain binary zeros for all requests.<br><br>*Action:* Verify that these fields contain binary zeros. |
| 26 | The destination (URBIDNAM) specified in a client request is either undefined or not usable for sending the response.<br><br>*Action:* Correct the client request. |
| 27 | No active destinations for status request.<br><br>*Action:* No action is required. |
| 28 | An initial-state request was issued to an Event Replicator Server address space that was terminating as a result of an ADAEND or HALT command. An initial-state request may only be issued when the Event Replicator Server is active.<br><br>*Action:* Reissue the initial-state request when the Event Replicator Server has been restarted. |
| 30 | Unknown response destination name in URBIRNAM for a prior-transaction request.<br><br>*Action:* Correct the prior-transaction request. |
| 31 | Unknown destination name in URBIDNAM for a prior-transaction request.<br><br>*Action:* Correct the prior-transaction request. |
| 32 | Unknown or omitted subscription name in URBISNAM for a prior-transaction request.<br><br>*Action:* Correct the prior-transaction request. |
| 33 | Destination in URBIDNAM is not related to subscription in URBISNAM for a prior-transaction request.<br><br>*Action:* Correct the prior-transaction request. |
| 34 | Subscription in URBISNAM has no resend buffer defined for a prior-transaction request.<br><br>*Action:* Correct the prior-transaction request. |
| 35 | Transaction in URBITSNR for subscription in URBISNAM was not found in the resend buffer. The transaction may have been overwritten in the circular resend buffer.<br><br>*Action:* Check the source of the transaction number. |
| 36 | The subscription in URBISNAM is not active.<br><br>*Action:* No action is required. |

| Subcode | Meaning |
|---|---|
| 37 | An invalid transaction was found in the resend buffer. This is an internal error.<br><br>*Action:* Notify our support. |
| 38 | There are no active destinations for a prior-transaction request.<br><br>*Action:* No action is required. |
| 39 | URBILEND must be zero for prior-transaction requests.<br><br>*Action:* Correct the prior-transaction request. |
| 40 | URBIDBID and URBIFNR may not be specified for this type of client request.<br><br>*Action:* Correct the client request. |
| 41 | URBIINAM may not be specified for prior-transaction requests.<br><br>*Action:* Correct the prior-transaction request. |
| 42 | UES parameters URBIARC, URBIACOD and URBIWCOD may not be specified for prior-transaction requests.<br><br>*Action:* Correct the prior-transaction request. |
| 43 | Reserved fields URBIRES1 and URBIRES2 must be zero for prior-transaction requests.<br><br>*Action:* Correct the prior-transaction request. |
| 44 | Number of active concurrent initial-state requests exceeded IMAXREQ.<br><br>*Action:* Increase the IMAXREQ setting or reduce the number of active concurrent initial-state requests. |
| 45 | Input request URBH eyecatcher is invalid.<br><br>*Action:* Correct the input information and try again. For more information, read *Event Replicator Client Requests* in the *Event Replicator for Adabas Application Programmer's Reference* . |
| 46 | Input request URBHLEN is invalid.<br><br>*Action:* Correct the input information and try again. For more information, read *Event Replicator Client Requests* in the *Event Replicator for Adabas Application Programmer's Reference* . |
| 47 | Input request URBHBORD is invalid.<br><br>*Action:* Correct the input information and try again. For more information, read *Event Replicator Client Requests* in the *Event Replicator for Adabas Application Programmer's Reference* . |

| Subcode | Meaning |
|---|---|
| 48 | Input request URBHVERS is invalid.<br><br>*Action:* Correct the input information and try again. For more information, read *Event Replicator Client Requests* in the *Event Replicator for Adabas Application Programmer's Reference* . |
| 49 | Input request message truncated.<br><br>*Action:* Correct the input information and try again. For more information, read *Event Replicator Client Requests* in the *Event Replicator for Adabas Application Programmer's Reference* . |
| 50 | Input request URBHLENT is invalid.<br><br>*Action:* Correct the input information and try again. For more information, read *Event Replicator Client Requests* in the *Event Replicator for Adabas Application Programmer's Reference* . |
| 51 | Input request URBILENH is invalid.<br><br>*Action:* Correct the input information and try again. For more information, read *Event Replicator Client Requests* in the *Event Replicator for Adabas Application Programmer's Reference* . |
| 52 | Input request URBILEND is invalid.<br><br>*Action:* Correct the input information and try again. For more information, read *Event Replicator Client Requests* in the *Event Replicator for Adabas Application Programmer's Reference* . |
| 53 | Input request URBILEN is invalid.<br><br>*Action:* Correct the input information and try again. For more information, read *Event Replicator Client Requests* in the *Event Replicator for Adabas Application Programmer's Reference* . |
| 54 | Input request reserved area is not zero.<br><br>*Action:* Correct the input information and try again. For more information, read *Event Replicator Client Requests* in the *Event Replicator for Adabas Application Programmer's Reference* . |
| 55 | Input request more than one status received.<br><br>*Action:* Correct the input information and try again. For more information, read *Event Replicator Client Requests* in the *Event Replicator for Adabas Application Programmer's Reference* . |
| 56 | Input request invalid URBI request received.<br><br>*Action:* Correct the input information and try again. For more information, read *Event Replicator Client Requests* in the *Event Replicator for Adabas Application Programmer's Reference* . |

| Subcode | Meaning |
|---|---|
| 57 | Input request different interleaved requests received.<br><br>*Action:* Verify that you are submitting only one kind of request to the Event Replicator Server. Only one type can be submitted at a time (for example, you cannot request initial-state processing and transaction status information requests in the same message).<br><br>Correct the input information and try again. For more information, read *Event Replicator Client Requests* in *Event Replicator for Adabas Application Programmer's Reference* . |
| 58 | Invalid destination for response.<br><br>*Action:* Correct the input information and try again. For more information, read *Event Replicator Client Requests* in the *Event Replicator for Adabas Application Programmer's Reference* . |
| 59 | A replay request was issued for a database not defined to the Event Replicator Server.<br><br>*Action:* Correct the DBID in the replay request or define the database to the Event Replicator Server. |
| 60 | Invalid replay token. The replay token is not defined or is outdated.<br><br>*Action:* Specify a valid replay token. |
| 61 | Invalid request sent to Event Replicator Server. RBL is insufficient, no FB provided on Init handshake or other such errors.<br><br>*Action:* Notify our support. |
| 62 | After an Adabas failure and session autorestart, replication data was recovered for which a matching FDT was no longer available. The FDT had been changed or deleted by a utility operation. Adabas suppressed the record images of the replicated records, because without a matching FDT, the Event Replicator Server could not process them.<br><br>*Action:* Use application-specific means to bring the replicated data in sync again, if necessary. |
| 63 | The file specified in a C5 command with R-option is not replicated.<br><br>*Action:* Specify the file number of a replicated file. |
| 64 | The filter defines a comparison between two field types for which a comparison is invalid.<br><br>*Action:* Correct the filter definition. |
| 65 | The filter refers to a field that is not defined in the internal format buffer.<br><br>*Action:* Correct the filter definition or define the field in the database. |

| Subcode | Meaning |
|---|---|
| 66 | The filter defines a comparison against a field that is not selectable as it has no type (for example, a superdescriptor).<br><br>*Action:* Correct the filter definition. |
| 67 | The filter uses values in an FLIST specification that are invalid or out of range.<br><br>*Action:* Correct the filter definition. |
| 69 | Replay for same DBID/FNR already running. |
| 71 | Date/time format or value incorrect for replay.<br><br>*Action:* Check the syntax of the specified date and time values. Do not specify future date and time values. |
| 72 | Incorrect replay parameters.<br><br>*Action:* Check and correct the specified replay parameters. |
| 73 | A subscription involved in the replay was inactive at the beginning of replay processing or was deactivated while the replay was running.<br><br>*Action:* Reactivate the deactivated subscription and rerun the replay process for the subscription. |
| 74 | A destination involved in the replay was inactive at the beginning of replay processing or was deactivated while the replay was running.<br><br>*Action:* Reactivate the deactivated destination and rerun the replay process for the destination. |
| 75 | A replay destination that was defined without SLOG was closed at the beginning of replay processing or while the replay was running.<br><br>*Action:* Reopen the closed destination and rerun the replay process for the destination. |
| 76 | ADARPL terminated abnormally.<br><br>*Action:* Investigate the cause of the error, correct it, and run a new replay job. |
| 77 | Invalid replay status transition. Events that change the status of a replay process occurred in an unexpected order.<br><br>*Action:* Notify our support. |
| 78 | New transactions from Adabas could not be kept on hold during a replay in synchronized mode.<br><br>*Action:* Run a new replay process involving the same subscriptions and destinations as the previous replay process to recover the replication data that Adabas produced while the first replay was running. |

| Subcode | Meaning |
|---|---|
| 79 | A replay process was canceled by a user (RPLCLEANUP operator command).<br><br>*Action:* If appropriate, run another replay job with corrected parameters. |
| 80 | A timeout occurred while the Event Replicator Server was waiting for the end of a synchronization process after reactivating replication for a file in Adabas. The synchronization process ends when all transactions have finished that had updated the file before it was reactivated.<br><br>*Action:* Wait until the Event Replicator Server reports the activation of the file (ADAF2L message). Then run a new replay job. |
| 81 | A utility other than ADARPL specified a replay token when connecting to the Event Replicator Server.<br><br>*Action:* Notify our support. |
| 82 | The Event Replicator Server is not connected to Adabas at the start of a replay process with the TOKEN parameter.<br><br>*Action:* Start Adabas and let it connect to the Event Replicator Server. When running a replay with the TOKEN parameter, Adabas must be active. |
| 83 | Neither a subscription nor a destination was specified in a replay request.<br><br>*Action:* Specify at least one subscription or destination. |
| 84 | A replay in replay-only mode was requested, but replication data from Adabas would flow through an active subscription-destination pair involved in the replay. For a replay in replay-only mode, some subscriptions and destinations must be inactive such that no data from Adabas can flow through the same subscription-destination pairs as the replay data from ADARPL.<br><br>*Action:* Change the replay parameters or the activation status of the subscriptions or destinations involved in the replay. |
| 85 | A file involved in the replay was inactive at the beginning of the replay or deactivated while the replay was running.<br><br>*Action:* Reactivate the deactivated file and rerun the replay process for the subscriptions involved in the replay that get data from the file. |
| 86 | Invalid format buffer was specified for destination-type Adabas update commands.<br><br>*Action:* Correct the format buffer. |
| 87 | An unexpected message sequence number was encountered.<br><br>*Action:* Contact your our support representative. |

| Subcode | Meaning |
|---|---|
| 88 | An unrecognized eye-catcher was encountered in control block following the URBH.<br><br>*Action:* Contact your our support representative. |
| 89 | The same subscription name was specified more than once for an Adabas automated replay (defined using the Adabas Event Replicator Subsystem).<br><br>*Action:* Verify that a subscription is specified only once in an automated replay, and try again. |
| 90 | The same destination name was specified more than once for an Adabas automated replay (defined using the Adabas Event Replicator Subsystem).<br><br>*Action:* Verify that a destination is specified only once in an automated replay, and try again. |
| 91 | The replay start date and time were not supplied for an automated replay (defined using the Adabas Event Replicator Subsystem) or for multiple destination open/close client requests.<br><br>*Action:* Verify that a destination is specified only once in an automated replay or in multiple destination open/close client requests and try again. |
| 92 | The timeout parameter specified for an automated replay was too high.<br><br>*Action:* Reduce the timeout parameter value and try again. |
| 93 | PLOG information was not recorded in the Event Replicator Server system file.<br><br>*Action:* Contact your our support representative. |
| 94 | The AI/BI format buffer was used also for the key. An attempt was made to decompress a key value, but the related format buffer is for data storage and not for a key.<br><br>*Action:* Contact your our support representative. |
| 95 | An attempt to set user/Event Replicator Server encoding 01-RPEQU * failed. This might occur if you are using enhanced filtering logic and UES SACODE/SWCODE/SARC values are set for a subscription.<br><br>*Action:* Contact your our support representative. |
| 96 | The Adabas nucleus that was the target of an initial-state request returned response code 148 (ADARSP148), indicating it is not available.<br><br>*Action:* Start the targeted Adabas nucleus and retry the initial-state request. |
| 97 | A format buffer was specified which contains a LOB field, which is not supported.<br><br>*Action:* Correct the format buffer. |

| Subcode | Meaning |
|---|---|
| 99 | The subscription name (URBISNAM) specified in the destination open/close client request contains a value other than spaces.<br><br>*Action:* Correct the destination open/close client request by setting this field to spaces. |
| 100 | The transaction sequence number (URBITSNR) specified in a destination open/close client request contains a value other than binary zeroes.<br><br>*Action:* Correct the destination open/close client request by setting this field to binary zeroes. |
| 101 | The destination open/close request failed on some tasks.<br><br>*Action:* Investigate the cause of the error. |
| 102 | The destination open/close request failed.<br><br>*Action:* Investigate the cause of the error. |
| 103 | The destination open/close request was not performed because the destination's status was already in the state being requested. In other words, the destination was already opened or closed.<br><br>*Action:* No action is required. |
| 104 | Begin byte in field filter is longer than the field length.<br><br>*Action:* Adjust the specifications for the beginning byte or length and try again. |
| 105 | Begin byte plus the portion length in the field filter is longer than the field length.<br><br>*Action:* Adust the specifications for the beginning byte or the portion length and try again. |
| 106 | Begin byte or length not supported for field with format U, P, F, G, or W.<br><br>*Action:* Specifying a beginning byte or length is only supported for alphanumeric and binary fields. Change the field on which you are working or abandon this attempt. |
| 107 | Length value invalid for field.<br><br>*Action:* Adjust the length specification and try again. |
| 108 | Input request URBI eyecatcher is invalid.<br><br>*Action:*Correct the input information and try again. For more information, read *Event Replicator Client Requests* in the *Event Replicator for Adabas Application Programmer's Reference*. |

| Subcode | Meaning |
|---|---|
| 109 | An Adabas security (ADASCR) function has been invalidly replicated to a subscription file defined with SFSECURITYFILE=NO.<br><br>*Action:* Ensure the subscription file definition used for the security file is defined with SFSECURITYFILE=YES. |
| 110 | An invalid Adabas security (ADASCR) pseudo transaction has been replicated to the Event Replicator Server.<br><br>*Action:* Contact our support for assistance. |
| 111 | A replicated record (e.g., delete, insert, refresh, or update) has been invalidly replicated to a subscription file defined with SFSECURITYFILE=YES.<br><br>*Action:* Ensure that the subscription file definitions for a file, other than a security file, is defined with SFSECURITYFILE=NO. |
| 112 | A request to convert an update to a delete failed because no before image was provided. |
| 113 | Insufficient WORK pool space.<br><br>*Action:* Increase the value of the ADARUN parameter `LWP`. |
| 114 | During a recovery process, segments of a spanned record arrived in the wrong sequence. |
| 115 | `FB='C'` was requested when the length of the compressed record was greater than 65,535. |
| 116 | Initial state with SELCRIT is not supported for files with spanned DS support. |
| 117 | Cannot decompress ciphered records. No Cipher code is returned from ADASAF. |
| 118 | Replay-Only Replay is not allowed if one or more destinations involved are closed.<br><br>*Action:* Ensure that the destination(s) selected for replay-only mode replay processing are not closed. |
| 119 | A GETMAIN request failed in the REPTOR. |
| 120 | The FDT length is invalid. |
| 121 | The input compressed record is too long. |

**Action** Perform the action provided for the appropriate subcode in the subcode table.

**Response 132**

**Origin** Mainframe and open system

**Explanation** The exact meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

This response code indicates that an error occurred while Adabas was reading or updating a *LOB file*. The subcode indicates the kind of error.

If the subcode is less than 256, it is the same as the original response code that occurred during LOB file processing. The most likely subcodes are listed in the table below. For subcodes not listed, see the description of the Adabas response code with the same value.

If the subcode is greater than 256, it signals an error condition unique to the processing of LOB files. These subcodes are listed in the table below.

| Subcode | Description |
|---|---|
| 8 | A LOB file operation was aborted due to a pending backout of the user's command or transaction. One reason for this backout may be that the user's transaction occupied too much space on the protection area on the Work data set (see response code 9 (ADARSP009), subcode 15). |
| 17 | The LOB file is not loaded. |
| 48 | The LOB file is locked for exclusive read or update by another user. |
| 65 | An internal error in the work pool space calculation occurred for LOB file processing. |
| 113 | A LOB file segment record was not found in the Address Converter element referred to by the LOB file index. Either the LOB file is physically inconsistent or an illegal concurrent LOB file update occurred during the LOB file read operation. |
| 145 | An attempt failed to put a LOB file segment record on hold for a user, because it was already held by another user. This subcode indicates illegal update contention for the same large object field value. The base file-LOB file pair is possibly inconsistent. |
| 165 | The LOB file descriptor is not found in the index; The LOB file index is bad. |
| 172 | An ISN in the LOB file index is bad. The LOB file may be physically inconsistent. |
| 175 | The descriptor value in a LOB file segment record differs from the descriptor value in the LOB file index. Either the LOB file is physically inconsistent or an illegal concurrent LOB file update occurred during the LOB file read operation. |
| 177 | A LOB file segment record was not found in the Data Storage block referred to by the Address Converter. Either the LOB file is physically inconsistent or an illegal concurrent LOB file update occurred during the LOB read operation. |

| Subcode | Description |
|---|---|
| 257 | An error in the base file-LOB file linkage exists; a file with LB fields is not really the *base file* of the *LOB group*. |
| 258 | An error in the base file-LOB file linkage exists; the file linked to the base file of a LOB group is not really a LOB file. |
| 259 | An error in the base file-LOB file linkage exists; the LOB file linked to a base file of a LOB group refers back to a different base file (or none at all). |
| 260 | An error in the base file-LOB file linkage exists; either no LOB file was linked to a base file or the LOB file number is invalid. |
| 261 | The LOB file has been left in an inconsistent state by an aborted utility execution. |
| 262 | An LB field length element specification error occurred in the format buffer (`'xxL,4,B'` was expected). |
| 263 | An invalid LOB file segment descriptor was encountered. The set of LOB file segment records associated with one LB field value is inconsistent. Either the LOB file is bad or an illegal concurrent LOB file update occurred during the LOB file read operation. |
| 264 | An invalid LOB file segment record was encountered. The contents of a LOB file record are inconsistent. The LOB file is bad. |
| 265 | The length of an LB field value in the LOB file differs from the length stored in the associated base file record. Either the base file and the LOB file are out-of-sync or an illegal concurrent LOB file update occurred during the LOB file read operation. |
| 266 | A bad LB field value reference was encountered in a base file record. The base file is bad. |
| 267 | An LB field value referred to in a base file record is not present in the LOB file. Probably, the base file and the LOB file are out-of-sync. |
| 268 | Internal LOB update error. At the end of a LOB update in the LOB file, the LOB value reference or placeholder was not found in the associated base file record where it was expected. Possibly, the base file record was changed in parallel. |
| 270 | Internal LOB update error. At the end of a LOB update in the LOB file, the base record was not in exclusive hold status anymore. |
| 297 | A planned feature for large object (LB) fields (for example, character code conversion of LB field values) is not yet supported. |
| 298 | Too many (more than 32,767) LB field occurrences were specified in the format buffer. |
| 299 | An internal error occurred due to LOB file processing. |

**Open Systems**

LOB data processing may fail because of concurrent updates. If a new attempt to process the LOB data also fails, this response code is returned. The subcode (field ACBXERRC in the ACBX) provides more information:

| Subcode | Description |
|---|---|
| 297 | A planned feature for large object (LB) fields (for example, character code conversion of LB field values) is not yet supported. |
| 300 | The referential integrity and uniqueness checks done by subtransactions are currently not compatible with commands that modify LOB values. |

**Action**

The method of resolving the error varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

Resolve the problem described in the subcode list in the explanation.

**Open Systems**

If one of the subcodes above occurs, you must change the program that is making the Adabas calls.

If the subcode (field ACBXERRC in the ACBX) is not one of the subcodes mentioned above, and if the response code 132 is reproducible even though the accessed LOB fields are not being updated, contact our support.

**Response 133**

**Origin**

Mainframe systems only

**Explanation**

An error was detected when an attempt was made to replicate a compressed record. The subcode identifies the kind of error.

| Subcode | Description |
|---|---|
| 1 | The function is not permitted for this type of file. The file is a LOB-file. |
| 2 | The compressed input record length is invalid. |
| 11 | The record structure is invalid. |
| 12 | An invalid elementary empty field was encountered. The structure does not agree with the FDT definition. |
| 13 | An invalid multiple-field count was encountered. |
| 14 | An invalid periodic group count was encountered. |
| 15 | An invalid structure of an elementary field was encountered. |
| 65 | A space calculation error occurred. |

**Response 134**

**Origin** Mainframe systems only

**Explanation** An error was detected when creating system fields. The subcode identifies the kind of error.

| Subcode | Description |
|---|---|
| 1 | An invalid update parameter was encountered (logic error). |
| 2 | The field is not a system field. |
| 4 | The file does not support a setting of MUPEX=2 (number of MU occurrences greater than 191. |

**Response 135**

**Origin** Mainframe systems

**Explanation** Logic error during processing of a spanned record

**Action** Run an ADACHK CHECK against the file for which RSP-135 was returned.

**Response 136**

**Origin** Mainframe systems only

**Explanation** This response code is used for communication with Adabas utilities and Adabas Audit Administration (SYSALAA) or Adabas Online System (AOS). The system returns this error because the requested function could not be performed on the Adabas system and its files, or because an error occurred in a SYSALAA/AOS or utility function.

**Action** For SYSALAA/AOS, a subcode is displayed in the error message or a descriptive message indicates the error that occurred. For utility functions, the subcodes may be described within the message text or a descriptive message indicates the error that occurred. If you do not understand the action to take, note the subcode and the function that caused the response code and call our support for assistance.

**Response 144**

**Origin** Mainframe and open systems

**Explanation** One of the following occurred:

- The ISN specified with an update (A1) command was not in hold status for the user and command option H was not specified.
- An ET or BT command specifying the M (multifetch) option specified an ISN in the ISN buffer that is not in hold status for the user. All currently held ISNs are released from hold status.

  In this case on open systems, the first 2 bytes of the Additions 2 field (in binary format) contain the offset of that ISN in the ISN buffer.

**Action**

Put the ISN in hold status before using the A1 command or the multifetch ET or BT commands.

If Adabas Transaction Manager is in use, verify that the setting for the Transaction Model parameter is appropriate for the program that was executing and is also appropriate for the runtime environment in use.

**Response 145**

**Origin**

Mainframe and open system

**Explanation**

The exact meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

On mainframe systems, one of the following situations occurred:

- An N1/N2 command was issued, but no hold queue entry was available.
- A command was issued with the return option specified that attempted to hold an ISN already in the hold queue for another user. The command is not placed in wait status.

Use the subcode associated with this response code to further clarify why this response occurred.

| Subcode | Meaning |
|---|---|
| 0 | N2 command for an existing ISN was issued. |
| 1 | Hold queue space problem detected. The user is the only active user and is running with the -R option. |
| 2 | The ISN was held by someone else. The read request is running with the -R option. |
| 8 | The hold status of a record could not be upgraded from shared to exclusive because another user was already waiting to do the same. The two users became deadlocked. |
| 9 | Two or more users became deadlocked while holding ISNs and attempting to put more ISNs in hold status. |

**Open Systems**

On open systems, one of the following situations occurred:

- An attempt was made to insert a record using an N2 command with an ISN that is in hold status.
- An attempt was made to hold an ISN which was in hold status for another user and the R option is specified. In this case, the Additions 2 field contains the binary value 0;

- Hold queue overflow. In this case, the Additions 2 field contains a value not equal to 0.

  **Note:** This hold queue overflow error can only occur with Adabas versions < 5.1.

**Response 146**

**Origin** Mainframe and open systems

**Explanation** The exact meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

An invalid buffer length was detected by the Adabas interface routine. If the command uses a classic ACB, the buffer is larger than 32,767. If the command uses an ACBX, the buffer is greater than 2,147,483,647, or the send length in the ABD is greater than the buffer length. The subcode identifies the buffer type:

| Subcode | Buffer Type |
|---|---|
| 1 | Format buffer |
| 2 | Record buffer |
| 3 | Search buffer |
| 4 | Value buffer |
| 5 | ISN buffer |
| 6 | User information buffer |
| 7 | Performance buffer |
| 8 | Multifetch buffer |

**Open Systems**

An invalid buffer length was detected by the Adabas interface routine, in an MC call, or one of the following errors occurred for a multifetch command:

- the buffer header was invalid (both offsets are set)
- at least one ISN buffer offset was not divisible by 4
- the start offset was outside the multicall buffer range
- the record buffer was not large enough to contain all subcommand control blocks.

The value in the Additions 2 field identifies the buffer: the first 2 bytes contain the buffer number in binary format, the last two bytes contain the buffer name, as shown in the following table:

```
Bytes 1-2        Bytes 3-4
   1             FB (format buffer)
   2             RB (record buffer)
   3             SB (search buffer)
   4             VB (value buffer)
   5             IB (ISN buffer)
```

**Action** Correct the buffer length and try again.

**Response 147**

**Origin** Mainframe and open systems

**Explanation** The exact meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

The ISN was invalid. The ISN transformation resulted in a negative ISN or an ISN greater than the maximum ISN permitted for the file.

**Open Systems**

A user buffer is not accessible by the Adabas interface routine.

**Action** The method of resolving the error varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

**Open Systems**

Check whether the control block, format buffer, value buffer, record buffer and ISN buffer have valid addresses and lengths. Check whether the control block, ISN buffer and record buffer are write-protected.

**Response 148**

**Origin** Mainframe and open systems

**Explanation** The Adabas nucleus was either not active or not accessible (a call could not be sent to the Adabas nucleus when the command was issued). In an ACB, refer to the hexadecimal subcode that appears in the low-order (rightmost) two bytes of the Additions 2 field; in an ACBX, refer to the binary subcode that appears in the Error Subcode (ACBXERRC) field.

**Note:** If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB), or the ACBXERRC or ACBXSUBR field (in the ACBX), may contain the ID of the Entire Net-Work node that issued or received this response code.

The following are the decimal equivalents of the subcodes and their meanings:

| Subcode | Occurrence Location | Description | Action |
|---|---|---|---|
| 0 | open systems | No active database server was found, either local or remote. | Start the nucleus and reissue the command. |
| 1 | mainframe systems | Exclusive database control requirement conflicts with read-only nucleus status. | Remove the READONLY=YES parameter setting for the nucleus and restart it. |
| 2 | mainframe systems | A nonprivileged call was made to the nucleus while it was in utility-only (UTI) mode. | Remove the UTIONLY=YES parameter setting for the nucleus and restart it. |
| 3 | mainframe and open systems | The nucleus is performing shutdown processing (an ADAEND operation) and will not accept new users or new transactions. Either a new user is attempting to begin operation or an existing user in ET status is trying to continue operation. | Wait for the nucleus to shut down, restart it, and reissue the command. |
| 4 | mainframe systems | A utility with exclusive database control is running. | Either stop the utility or wait for its processing to complete (this is preferred) and try again. |
| 5 | mainframe systems | A single-user nucleus could not start operation due to an error that could not be corrected. | Verify that single-user mode has been set up correctly and restart the nucleus. |
| 21 | open systems | Entire Net-Work access communication has failed. The first two bytes of the Additions 2 field contain an error number. | Refer to your Entire Net-Work documentation for further information. |
| 22 | open systems | There is a problem with the Adabas IPC (Interprocess communication) driver. The first two bytes of the Additions 2 field contain an error number. | Shut down the nucleus, if it is still active, and restart it. If the error still occurs, try issuing the command `showipc -kd <dbid>`, then restart the nucleus and reissue the command. |
| 23 | Adabas open systems version 3.1 only | There is a problem attaching the Adabas IPC (Interprocess communication) driver's shared memory | Shut down the nucleus, if it is still active, and restart it. If the error still occurs, try issuing the command `showipc -kd <dbid>`, then restart the nucleus and reissue the command. |

| Subcode | Occurrence Location | Description | Action |
|---|---|---|---|
| 24 | open systems | The ADALNK shared library cannot be loaded correctly. | Check the locations and permissions of the ADALNK shared library. |
| 26 | open systems | An IPC (Interprocess communication) problem occurred during open processing, e.g. the shared memory could not be attached. | One reason for these messages may be that someone has deleted an IPC resource. If this is the case, shut down the nucleus, if it is still active, and restart it. If the error still occurs, try issuing the command `showipc -kd <dbid>`, then restart the nucleus and reissue the command.<br><br>Another reason these messages may occur may be that the IPC resources are not sufficient. In this case, increase the IPC resources, or decrease the values of some nucleus parameters on which the required amount of IPC resources depends., or stop some other process that also consumes IPC resources. For more information about IPC resources, refer to the section *Increasing System V IPC Resources* in the Adabas open systems installation documentation. |
| 27 | open systems | An IPC (Interprocess communication) problem occurred during a read in the message queue. | |
| 28 | open systems | An IPC (Interprocess communication) problem occurred during a write in the message queue. | |
| 29 | Linux platforms only | IPC (Interprocess communication) resources exist, but the database server was not active. | Issue the command `showipc -kd <dbid>`, restart the nucleus, and reissue the command. |
| 50 | mainframe systems | At command completion RSP148 was set but without a subcode. This subcode is set to indicate the command was processed by the target. This often occurs in a Cluster or Parallel Services | Contact your our support representative for assistance. |

| Subcode | Occurrence Location | Description | Action |
|---|---|---|---|
| | | environment when one of the targets is no longer active. | |
| 51 | mainframe systems | The command router found no suitable target. The target was determined not to be an Adabas Cluster Services or Adabas Parallel Services database. | Contact your our support representative for assistance. |
| 52 | mainframe systems | The command router found no suitable target. The target was determined to be an Adabas Cluster Services or Adabas Parallel Services database. | Contact your our support representative for assistance. |
| 53 | mainframe systems | The command router found a suitable target but the target became inactive while queuing the command. | Contact your our support representative for assistance. |
| 54 | mainframe systems | When the caller attempted to retrieve the results of a completed command the target was no longer active. | Contact your our support representative for assistance. |
| 55 | mainframe systems | The target became inactive while the caller was attempting to retrieve the results of a completed command. | Contact your our support representative for assistance. |
| 58 | mainframe systems | An error occurred while POSTing the Adabas nucleus ECB after queuing a command. | This may be seen if the nucleus is terminating. Otherwise contact your our support representative for assistance. |
| 59 | mainframe systems | This subcode is set as a default in the first stage of command routing. | Contact your our support representative for assistance. |
| 61 | mainframe systems | A command sent from a nucleus to another nucleus caused an ABEND while the caller was attempting to initiate the command. The target may have become inactive. The ABEND was intercepted and recovered. | This may be seen if the target nucleus is terminating. Otherwise contact your our support representative for assistance. |
| 64 | mainframe systems | A command sent from a nucleus to another nucleus caused an ABEND while the caller was attempting to retrieve the results | This may be seen if the target nucleus is terminating. Otherwise contact your our support |

| Subcode | Occurrence Location | Description | Action |
|---|---|---|---|
| | | of a completed command. The target may have become inactive. The ABEND was recovered by ADAMPM. | representative for assistance. |
| 101/201 | mainframe systems | Set in SVCCLU when a specifically designated local nucleus is not available for a physical call. The 201 subcode appears when this subcode is set on a remote node. See the note on ACB(X)ADD2 for information on how to identify the remote node. | Contact your our support representative for assistance. |
| 102/202 | mainframe systems | Set in SVCCLU when a specifically designated remote nucleus is not available for a physical call. The 202 subcode appears when this subcode is set on a remote node. See the note on ACB(X)ADD2 for information on how to identify the remote node. | Contact your our support representative for assistance. |
| 103/203 | mainframe systems | Target ID disagreement between IDTE and PLXNUC. The 203 subcode appears when this subcode is set on a remote node. See the note on ACB(X)ADD2 for information on how to identify the remote node. | Contact your our support representative for assistance. |
| 104/204 | mainframe systems | Unable to find PLXMAP matching an existing PLXUSER. The 204 subcode appears when this subcode is set on a remote node. See the note on ACB(X)ADD2 for information on how to identify the remote node. | Contact your our support representative for assistance. |
| 105/205 | mainframe systems | Entire Net-Work unavailable, cannot route existing user to remote nucleus. The 205 subcode appears when this subcode is set on a remote node. See the note on ACB(X)ADD2 for information on how to identify the remote node. | Contact your our support representative for assistance. |
| 106/206 | mainframe systems | Entire Net-Work unavailable, cannot route new user to remote nucleus. The 206 subcode appears | Contact your our support representative for assistance. |

| Subcode | Occurrence Location | Description | Action |
|---|---|---|---|
| | | when this subcode is set on a remote node. See the note on ACB(X)ADD2 for information on how to identify the remote node. | |
| 107/207 | mainframe systems | No open nucleus available for a new remote user. The 207 subcode appears when this subcode is set on a remote node. See the note on ACB(X)ADD2 for information how to identify the remote node. | Contact your our support representative for assistance. |
| 108/208 | mainframe systems | Incorrect PLXMAP update received by LOCAL=YES nucleus. The 208 subcode appears when this subcode is set on a remote node. See the note on ACB(X)ADD2 for information on how to identify the remote node. | Contact your our support representative for assistance. |
| 109/209 | mainframe systems | An internal command used to synchronize across multiple nodes was received for an Adabas Parallel Services database. Such databases may execute on only one node. Depending on intersystem communications timing this may occur as a database is changed from Adabas Cluster Services to Adabas Parallel Services. Otherwise, this is a logic error. | Contact your our support representative for assistance. |
| 110/210 | mainframe systems | Unable to assign specified nucleus to remote user. The physical command arrived via Entire Net-Work for a specific nucleus, but the specified nucleus is on another system. Only one Entire Net-Work transmission is allowed. The 210 subcode appears when this subcode is set on a remote node. See the note on ACB(X)ADD2 for information on how to identify the remote node. | Contact your our support representative for assistance. |
| 300 | mainframe systems | The Entire Net-Work node found no suitable target. | Ensure that the database nucleus is active and reachable by Entire Net-Work nodes. |

| Subcode | Occurrence Location | Description | Action |
|---|---|---|---|
| 1019 | open systems | No active database found. | Contact your our support representative for assistance. |
| 1020 | open systems | The Entire Net-Work relay failed. | Contact your our support representative for assistance. |
| 1021 | open systems | EC: Not XTS directory information available. | Contact your our support representative for assistance. |
| 1022 | open systems | No context found. | Contact your our support representative for assistance. |
| 1023 | open systems | No local database found. | Contact your our support representative for assistance. |
| 1024 | open systems | Invalid context found. | Contact your our support representative for assistance. |
| 1025 | open systems | General logic error; no XTS found. | Contact your our support representative for assistance. |
| 1026 | open systems | A server shutdown occurred. | Contact your our support representative for assistance. |
| 1027 | open systems | A server overload occurred. | Contact your our support representative for assistance. |
| 1028 | open systems | The server rejected a call. | Contact your our support representative for assistance. |
| 1029 | open systems | No such DBID. | Contact your our support representative for assistance. |
| 1030 | open systems | The database is inactive. | Contact your our support representative for assistance. |
| 1031 | open systems | No response. | Contact your our support representative for assistance. |
| 1032 | open systems | An invalid protocol was found. | Contact your our support representative for assistance. |

| Subcode | Occurrence Location | Description | Action |
|---|---|---|---|
| 1033 | open systems | An unknown response occurred. | Contact your our support representative for assistance. |
| 1034 | open systems | Remote communication is not allowed. | Contact your our support representative for assistance. |

**Action** Review the user actions provided in the explanation above.

**Response 149**

**Origin** Open systems only

**Explanation** A communication error was detected. The Additions 2 field contains the system service completion code which caused the error response.

| Subcode | Description |
|---|---|
| 1035 | Context allocation failed. |
| 1036 | Inconsistent architecture encountered. |
| 1037 | XTS error 149/224 occurred. |
| 1046 | Connection request rejected by host. If connecting to an Entire Net-Work node, ensure its related driver and links are configured to allow the connection. |

**Action** Contact our support for assistance.

**Response 150**

**Origin** Open systems only

**Explanation** Too many database nuclei have been used in parallel. The Additions 2 field contains the maximum number of nuclei allowed in parallel.

**Action** Do not use more database IDs in a single program than the value given in the Additions 2 field.

**Response 151**

**Origin** Mainframe and open systems

**Explanation** A command queue overflow occurred.

**Note:** If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB), or the ACBXERRC or ACBXSUBR field (in the ACBX), may contain the ID of the Entire Net-Work node that issued or received this response code.

**Action** The DBA may increase the value of the NC parameter or the command may be issued when there is a lower level of command activity.

If you are running Entire System Server and receive this response code, your database administrator should increase the size of the NCQE parameter. For more information, refer to the startup parameter documentation included in your Entire System Server administration documentation.

**Response 152**

**Origin** Mainframe and open systems

**Explanation** The internal user buffer was not large enough to contain the user buffer areas.

**Action** On mainframe systems, the DBA should increase the value of the LU parameter used by the Entire Net-Work nucleus.

If you are running Entire System Server and receive this response code, your database administrator should increase the size of the IUBL parameter. For more information, refer to the startup parameter documentation included in your Entire System Server administration documentation.

On open systems, contact our support.

**Response 153**

**Origin** Mainframe and open systems

**Explanation** A second Adabas call was issued while the first one was still being processed.

| Subcode | Description |
|---|---|
| 1050 | A thread is pending. |
| 1051 | A user ID is pending. |

**Action** Issue only one call at a time.

**Response 154**

**Origin** Mainframe and open systems

**Explanation** One of the following occurred:

- The Adabas call was canceled by the user (open systems).
- The command was rejected because it resulted in a trigger being fired, but the queue is full at this time. (mainframe)

**Action** On open systems, no action is required for this informational message. On mainframe systems, retry the command.

**Response 155**

**Origin** Mainframe systems only

**Explanation** A command resulted in a pre-command trigger being fired. The triggered procedure returned a nonzero command, so the command was not executed.

**Action** Check the Additions 4 field for the error returned from the procedure.

**Response 156**

**Origin** Mainframe systems only

**Explanation** A command resulted in a post-command trigger being fired. The triggered procedure returned a nonzero command, indicating an unsuccessful execution of the procedure.

**Action** Check the Additions 4 field for the error returned from the procedure.

**Response 157**

**Origin** Mainframe systems only

**Explanation** A command resulted in either a pre- or post-command trigger being fired; however, Adabas Triggers has been shut down with the option to reject all commands that result in a trigger being fired.

**Action** Determine the cause of the shut-down and resolve the problem. If rejection of commands is not the required action in such a situation, then set the error action field in the Adabas Triggers profile to halt or ignore.

**Response 159**

**Origin** Mainframe systems only

**Explanation** The Adabas link module is missing or invalid. One of the following occurred:

- No Adabas link module is linked to the Natural nucleus and the Adabas link module specified in the Natural profile parameter ADANAME could not be loaded.
- (CICS only) The loaded Adabas link module is macro-level in a command-level only environment.

**Action** Check the setting of the Natural profile parameter ADANAME and/or provide the correct version of the Adabas link module in one of the current STEPLIBs.

**Response 160**

**Origin** Mainframe systems only

**Explanation** Too many Associator and Data Storage blocks were marked as active in the buffer pool for a single command.

**Response 161**

**Origin** Mainframe systems only

**Explanation** The RABN chain in the header list of the Adabas buffer pool is invalid.

**Response 162**

**Origin** Mainframe and open systems

**Explanation** No additional space is available for the Adabas buffer pool.

**Action** Increase the value of the ADARUN LBP parameter.

On open systems, because the buffer pool overflow is normally caused by too many blocks in the buffer pool waiting to be written to disk, specifying a low value for the WRITE_LIMIT parameter is recommended.

**Response 163**

**Origin** Mainframe systems only

**Explanation** The RABN to be linked into the RABN header chain is already in the chain.

The following table shows some of the subcodes that may be returned:

| Subcode | Description |
|---|---|
| 1 | The RABN to be linked into the RABN header chain is already in the chain. |
| 2 | A file extent overlap exists such that the same data storage RABN has been assigned to two different files. |
| 3 | A supposedly unused data storage RABN is already in use. |
| 4 | A file extent overlap exists such that the same Associator RABN has been assigned to two different files. |
| 5 | A supposedly unused Associator RABN is already in use. |

**Action** Contact our support for assistance.

**Response 164**

**Origin** Mainframe systems only

**Explanation** Too many work areas were allocated for the command.

**Response 165**

**Origin** Mainframe and open systems

**Explanation** A descriptor name was either invalid or did not exist in the descriptor value table (DVT). For expanded files: the descriptor does not exist on all component files.

On open systems, this error may occur during ADAREC generate if one of the following occurs:

- A file was loaded with an incorrect FDT.
- ADAINV was not re-executed following a stop at a SYNP checkpoint.

In an ACB, the leftmost two bytes of Additions 2 may contain the descriptor name; in an ACBX, the Error Character Field (ACBXERRB) may contain the descriptor name. If this occurred for an expanded file, check to see if there is an FDT mismatch between the components of the file.

On open systems, bytes 3 and 4 of the Additions 2 field contains the name of the descriptor that caused the error.

**Action** On open systems, if the error is not a handling error, run the INDEX option of ADAVFY and contact our support.

**Response 166**

**Origin** Mainframe and open systems

**Explanation** An error was detected in an inverted list index; a descriptor value was not found during a delete operation. The cause may be damage in the Associator.

On open systems, bytes 3 and 4 of the Additions 2 field contains the name of the descriptor that caused the error.

**Action** On open systems perform the following steps:

1. Locate the descriptor that caused the error in the Additions 2 field of the user control block;
2. Run the VERIFY option of ADAINV for this descriptor and save the output;
3. Reinvert the descriptor;
4. If necessary, restart the database (if this is possible);
5. Send the following information to our support:
   - The output of the VERIFY option of ADAINV;
   - All available PLOGs;
   - The FDT of the file containing the error;
   - If the nucleus crashed, the crash directory.

**Response 167**

**Origin** Mainframe and open systems

**Explanation** The meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

The field in a coupled file does not exist or the coupled list is invalid.

**Open Systems**

An error was detected in an inverted list index; a descriptor value was already present during an insert operation.

Bytes 3 and 4 of the Additions 2 field contains the name of the descriptor that caused the error.

**Action** The method of resolving the error varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

**Open Systems**

Complete the following steps:

1. Locate the descriptor that caused the error in the Additions 2 field of the user control block;
2. Run the VERIFY option of ADAINV for this descriptor and save the output;
3. Reinvert the descriptor;
4. If necessary, restart the database (if this is possible);
5. Send the following information to your nearest support center:
   - The output of the VERIFY option of ADAINV;
   - All available PLOGs;
   - The FDT of the file containing the error;
   - If the nucleus crashed, the crash directory.

**Response 168**

**Origin** Mainframe systems only

**Explanation** An internal command ID required during coupling processing was not found.

**Response 170**

**Origin** Mainframe and open systems

**Explanation** The Adabas RABN required for the command could not be located for one of the following reasons:

- The buffer segment was called with a RABN of zero.
- The specified RABN does not belong to this database and is invalid.

On open systems, the Additions 2 field contains the invalid RABN in 4 byte binary format.

**Action** On open systems, run the LOST, INDEX and DATA options of ADAVFY for the file in question and contact our support.

**Response 171**

**Origin** Mainframe systems only

**Explanation** The constant set used by Adabas could not be located.

**Response 172**

**Origin** Mainframe and open systems

**Explanation** On mainframe systems, an ISN was less than the MINISN or greater than the MAXISN setting in effect for the file.

On open systems, the maximum possible ISN of the file was reached and no more can be allocated.

**Action** On open systems, if the file contains significantly less than $2^{32}$ records, you should unload the file with ADAULD and reload it with ADAMUP without USERISN. However, you must be aware that problems may arise if the ISNs have semantics for you - if, for example, you use the ISNs to reference records in this file, additional reorganization of these references will be necessary. The alternative to unloading and reloading the data is to split up your data into more than one file, and to adapt your application accordingly.

**Response 173**

**Origin** Mainframe and open systems

**Explanation** An invalid Data Storage RABN was detected.

On open systems, the Additions 2 field contains the invalid RABN in 4 byte binary format.

**Action** On open systems, run the DATA option of ADAVFY for the file in question and contact our support.

**Response 174**

**Origin** Mainframe systems only

**Explanation** For an L2/L5 command with start ISN, the Data Storage RABN stored in the address converter for the file is invalid.

**Response 175**

**Origin** Mainframe systems only

**Explanation** An inconsistency was detected between the index and Data Storage.

This response code can be expected when reading a descriptor value for a ciphered file if an incorrect cipher code was used.

| Subcode | Meaning |
|---|---|
| 99 | On logical reads and simple searches without hold, the index value is compared with the value from the data record to ensure consistency. When the values do not match, the read or search is repeated in order to avoid the effects of a possible parallel update. If the values still do not match, response 175 is given. |

**Action** Run the ADACHK utility against the file, and contact our support.

**Response 176**

**Origin** Mainframe and open systems

**Explanation** Either an inconsistency was detected in an inverted list or an internal error occurred during inverted list processing.

On open systems, the Additions 2 field contains the inconsistent RABN in 4-byte binary format.

On mainframe systems, the following possible subcodes are associated with this response code:

| Subcode | Meaning |
|---|---|
| 2 | Bad index |
| 3 | Invalid search request |
| 4 | Invalid format indicator or field not found in FDT/SDT |
| 11 | Invalid search request |
| 12 | Bad index block |
| 13 | Bad UI block |
| 14 | Mismatch block length |
| 15 | Bad MI block |
| 16 | Mismatching block length |

| Subcode | Meaning |
|---|---|
| 17 | Bad NI block |
| 18 | Bad ISN count |
| 21 | Bad index block |
| 22 | Mismatching block length |
| 23 | Invalid ISN count |
| 29 | Inactive index block |
| 31 | Bad index block |
| 32 | Mismatching block length |
| 33 | Invalid ISN count |
| 39 | Inactive index block |
| 41 | Bad index block |
| 42 | Mismatching block length |
| 43 | Bad MI block |
| 44 | Bad NI block |
| 81 | Invalid level indicator |
| 82 | Bad element position in block |
| 83 | Position in block did not match element lengths |
| 84 | Bad MI block |
| 85 | Bad NI block |
| 86 | Bad NI block |
| 87 | Invalid ISN count |
| 88 | Position in block did not match element lengths |
| 89 | Index block not active |
| 91 | Wrong level |
| 92 | Mismatching block length |

**Action**

On mainframe systems, run an appropriate ADACHK utility function to determine whether an inconsistency exists in an inverted list. If not, contact your local technical support representative. Make sure to report the subcode to our support.

On open systems, check if an autorestart or an ADAREC REGENERATE have disabled the index. If not, run the INDEX option of ADAVFY for the file in question. If the INDEX option signaled errors, you should recreate the entire inverted list with ADAINV REINVERT ALL or contact our support.

**Response 177**

**Origin** Mainframe and open systems

**Explanation** A record could not be found in the Data Storage block in which it should have been contained as indicated by the address converter. On mainframe systems, if this response code is returned to the ADAULD UNLOAD utility function with the parameter SORTSEQ, the file might be inconsistent, and data lost.

Subcode 19 is issued because the base file record was not found in Data Storage. At the end of a LOB update in the LOB file, the associated base file record was no longer present in the data storage block.

**Action** On mainframe systems, check the file with the ADACHK ACCHECK utility function and contact our support.

On open systems, run the AC option of ADAVFY for the file in question and contact our support.

**Response 178**

**Origin** Mainframe systems only

**Explanation** An internal error occurred when updating a multiple-value field:

| Subcode | Meaning |
|---|---|
| 1 | Inconsistency in descriptor value table (DVT). |
| 2 | An inconsistency was detected between the field definition table (FDT) and the internal format buffer. |
| 3 | Inconsistency when updating a phonetic descriptor. |

**Response 179**

**Origin** Mainframe systems only

**Explanation** Internal error; identifier could not be found in Work part 3.

**Response 181**

**Origin** Mainframe systems only

**Explanation** Autobackout was executed and the start of a transaction could not be located.

**Response 182**

| | |
|---|---|
| **Origin** | Mainframe and open systems |
| **Explanation** | Necessary ET data was not found in the appropriate Work block. |
| **Action** | On open systems, save WORK1 and send it to your nearest technical support representative together with a description of what caused the pending autorestart and, if possible, the dump directory and the PLOG. Then restore and regenerate the database. |

**Response 183**

| | |
|---|---|
| **Origin** | Mainframe systems only |
| **Explanation** | An internally assigned number for a database I/O operation was detected as invalid. |

**Response 184**

| | |
|---|---|
| **Origin** | Mainframe systems only |
| **Explanation** | A phonetic field name could not be found. |

**Response 185**

| | |
|---|---|
| **Origin** | Mainframe systems only |
| **Explanation** | The ADAM field could not be found in the compressed record. |

**Response 186**

| | |
|---|---|
| **Origin** | Mainframe systems only |
| **Explanation** | A wrong cipher code has been specified or a compressed data record is bad (does not conform to the Field Description Table).<br><br>The leftmost two bytes of the ACB's Additions 2 field or the ACBX's Error Subcode (ACBXERRC) field contain the field or descriptor name where the error was detected. The rightmost two bytes of the same ACB or ACBX field contain an internal code identifying the routine that detected the error. |
| **Action** | If the file that was accessed when this response code occurred is ciphered, check whether the correct cipher code has been specified. Correct the cipher code, if necessary.<br><br>If the error is not due to an incorrect cipher code, run the ADACMP DECOMPRESS INFILE utility function to unload and decompress all records of the file. ADACMP will write records where it detects errors to its error dataset (DDFEHL). Contact our support for assistance. |

**Response 187**

**Origin** Mainframe systems only

**Explanation** The response indicates that an invalid Data Storage block was detected while locating a record by ISN. One of the following error conditions occurred:

- An invalid block length (negative) was encountered.
- An invalid record length (not positive) was encountered.
- The sum of the record lengths is not equal to the block length plus 4.

The Additions 2 field contains the Data Storage block number where the error was detected.

**Action** Contact our support for assistance.

**Response 196**

**Origin** Open systems only

**Explanation** Referential integrity has been violated. Bytes 3 and 4 of the Additions 2 field contain the name of the violated constraint. Bytes 1 and 2 of the Additions 2 field contain the reason as a two-byte binary number:

| Subcode | Meaning |
|---|---|
| 1 | Required ISN in hold by another user |
| 3 | Maximum number of ISNs held by one user is reached |
| 5 | Check integrity mismatch, required value not found during check |
| 7 | Double update to a record within a cascade detected |
| 8 | Limit of stacked commands reached |

**Action** Handle the referential integrity violation, for example, write an error message.

**Response 197**

**Origin** Mainframe systems only

**Explanation** The DEUQ pool is too small.

**Action** Increase the ADARUN LDEUQP parameter.

**Response 198**

**Origin** Mainframe systems only

**Explanation** An attempt was made to duplicate a descriptor value for a unique descriptor. In an ACB, the leftmost two bytes of the Additions 2 field may contain the descriptor name; in an ACBX, the Error Character Field (ACBXERRB) may contain the descriptor name. The following subcodes may accompany this response code:

| Subcode | Meaning |
|---|---|
| 1 | Unique descriptor insert failed; value already exists in the index. |
| 2 | Unique descriptor insert failed; value in use by another user on this nucleus. |
| 3 | Unique descriptor insert failed; value in use by another user on another cluster nucleus. |
| 4 | Unique descriptor insert failed; the value we are attempting to insert in the NI block is already there. |

**Response 199**

**Origin** Mainframe systems only

**Explanation** An inconsistency in the inverted list index was found during an update operation. In an ACB, the leftmost two bytes of Additions 2 may contain the descriptor name; in an ACBX, the Error Character Field (ACBXERRB) may contain the descriptor name. This response code can also occur if UTYPE=EXU was specified for an ADARES BACKOUT operation that uses the sequential (SIBA) log.

**Response 200**

**Origin** Mainframe and open systems

**Explanation** Either an invalid cipher code or an Adabas SAF Security or Adabas security violation was detected.

The command could not satisfy the necessary security checks. This response code may be accompanied by one of the following subcodes:

| Subcode | Meaning |
|---|---|
| 0 | A standard user check failed. |
| 1 | There is no free user file cache entry for a remote non-mainframe user. |
| 2 | A cross-level security check failed. |
| 3 | No security information is available for the command. |
| 4 | A timeout occurred during a remote non-mainframe user logon. |
| 5 | An internal SAF Kernel error occurred. |
| 6 | A failure occurred during a newcopy/restart operation. The nucleus terminates. |
| 7 | A request to make an ABS security check was not of the correct format. |
| 8 | A security violation occurred while a file was being loaded into an existing expanded file chain. |
| 11 | User is not permitted to do a SEARCH command. |
| 12 | User is not permitted to do a SEARCH command. |
| 13 | User is not permitted to do a SEARCH command. |

| Subcode | Meaning |
|---|---|
| 14 | An invalid cipher code was encountered during update. |
| 15 | User is not permitted to read FDT (LF command). |
| 16 | Remote non-mainframe user has supplied a new password or passphrase but there is a mismatch with the old:<br>■ old password with new passphrase<br>■ old passphrase with new password<br>Passwords and passphrases should not be mixed. |
| 17 | Remote non-mainframe user has supplied a password phrase but the detected version of SAFPSEC does not support password phrases.<br>Either:<br>■ SAFPSEC is an old version that does not support password phrases<br>or<br>■ SAFPSEC is capable of supporting passphrases but has been assembled with an incorrect REL= parameter (see the installation documentation for more details) |
| 21 | User´s SAF ID is unknown. |
| 22 | User´s SAF ID has changed. |
| 24 | Remote non-mainframe logon failure; user-id is not defined. |
| 25 | Remote non-mainframe logon failure; invalid password / password phrase. |
| 26 | Remote non-mainframe logon failure; invalid new password / new password phrase. |
| 27 | Remote non-mainframe logon failure; user-id revoked. |
| 28 | Remote non-mainframe logon failure; logon not allowed at this time/date. |
| 30 | A utility function-level authorization check failed. The user is not permitted to perform this utility function. |
| 1060 | Open systems ADASAF phase 1 failed. |
| 1061 | Open systems ADASAF phase 1 failed with response. |
| 1062 | Open systems ADASAF phase 2 failed. |

For more information about Adabas SAF Security, read the Adabas SAF Security documentation.

**Action** Resolve the security error, perhaps by simply supplying the correct password.

**Response 201**

| | |
|---|---|
| **Origin** | Mainframe and open systems |
| **Explanation** | The specified password was not found. |
| **Action** | Supply the correct password. |

**Response 202**

| | |
|---|---|
| **Origin** | Mainframe and open systems |
| **Explanation** | An attempt was made to use a file for which the user is not authorized, or the file password is being changed, or, if Adabas Security is being used, the file has attached Security By Value on this field. |
| **Action** | Either correct the authorization, or retry the operation with the new password, or, if Adabas Security is being used, remove the Security By Value on the field before the operation on the file can be retried. |

**Response 203**

| | |
|---|---|
| **Origin** | Mainframe systems only |
| **Explanation** | An attempt was made to delete a record in a file for which the user is not authorized. |

**Response 204**

| | |
|---|---|
| **Origin** | Mainframe and open systems |
| **Explanation** | On mainframe systems, a password pool overflow occurred.<br><br>On open systems, the password supplied is already in use. |
| **Action** | On open systems, change the password to one that is not already existing.<br><br>On mainframe systems, check and possibly increase the value specified for ADARUN LCP parameter in the Adabas nucleus. |

**Response 207**

| | |
|---|---|
| **Origin** | Mainframe and open systems |
| **Explanation** | This is an internal response code used in the Adabas SAF Security authentication process for remote non-mainframe clients. This code is normally not displayed or presented. |
| **Action** | If the problem persists, contact your technical support representative for assistance. |

**Response 208**

**Origin** Mainframe and open systems

**Explanation** This is an internal response code used in the Adabas SAF Security authentication process for remote non-mainframe clients. This code is normally not displayed or presented.

**Action** If the problem persists, contact your technical support representative for assistance.

**Response 209**

**Origin** Mainframe systems only

**Explanation** Adabas SAF Security detected an expired password on the server. The remote non-mainframe user's password/passphrase has expired. This code is normally not returned to the application. Instead the user is prompted to enter a new password.

**Action** Create a valid password/passphrase.

**Response 210**

**Origin** Mainframe and open systems

**Explanation** On mainframe systems, a logical ID was greater than 255 (internal error).

**Note:** If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB), or the ACBXERRC or ACBXSUBR field (in the ACBX), may contain the ID of the Entire Net-Work node that issued or received this response code.

On open systems, a receive buffer was lost in NETRDI.

**Action** On open systems, the DBA may increase the value of the NAB or NC parameters in the NETRDI in the target node.

**Response 211**

**Origin** Mainframe and open systems

**Explanation** On mainframe systems, an invalid ID table index in the UB (internal error) occurred.

**Note:** If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB), or the ACBXERRC or ACBXSUBR field (in the ACBX), may contain the ID of the Entire Net-Work node that issued or received this response code.

On open systems, a remote utility cannot be executed because OPTIONS = LOCAL_UTILITIES is set for the database.

**Action** On open systems, contact the DBA of the remote database.

**Response 212**

**Origin** Mainframe and open systems

**Explanation** On mainframe systems, an invalid input/output buffer was encountered for an internal command.

On open systems, a requested function is not implemented in the target architecture.

**Action** On open systems, execute the utility on the target node.

**Response 213**

**Origin** Mainframe systems only

**Explanation** ID table not found (SVC not properly installed).

**Note:** If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB), or the ACBXERRC or ACBXSUBR field (in the ACBX), may contain the ID of the Entire Net-Work node that issued or received this response code.

The following table describes the possible subcodes that might occur if an Adabas DBID/SVC routing table error occurs:

| Subcode | Meaning |
|---|---|
| 16 | The specified SVC number does not correspond to a currently installed SVC on the system. Check to be sure that the specified SVC number is correct and, if it is, ensure that an Adabas SVC is installed using that SVC number. |
| 20 | The specified SVC number corresponds to an installed SVC on the system, but the SVC is not an Adabas SVC. Ensure that the provided SVC number is correct and, if it is, determine why the SVC installed for that number is not an Adabas SVC. |

**Action** Inform the DBA. The Adabas installation procedure was not properly executed.

**Response 214**

**Origin** Mainframe systems only

**Explanation** Internal command issued from Adabas version 4 ADALNK.

**Response 215**

**Origin** Open systems only

**Explanation** The Adabas interface (adalnkx, adalnk, adalnknc) used by the application program, or the Entire Net-Work version used is not supported by the Adabas nucleus. For example, the Adabas nucleus Version 6.1 does not support the Adabas interface of Version 5.1. If a 32-bit version and a 64-bit version of Adabas exists for an operating system, the 64-bit nucleus does not support the Adabas interface of the 32-bit version - 32-bit applications must use the 32-bit mode Adabas interface of the 64-bit version.

**Note:** The compatible Entire Net-Work versions supported by an Adabas open systems version are documented in the Adabas open systems Release Notes.

**Action** If you are using an incompatible version of Entire Net-Work, upgrade it to a compatible version. Check the definition of the environment variable PATH (Windows) or LD_LIBRARY_PATH (Linux). If the application has been linked with the s-bit on Linux, it is necessary that the correct Adabas interface has been installed with `$SAG = /opt/softwareag`.

**Response 216**

**Origin** Mainframe and open systems

**Explanation** Command rejected by user exit.

**Note:** If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB), or the ACBXERRC or ACBXSUBR field (in the ACBX), may contain the ID of the Entire Net-Work node that issued or received this response code.

| Subcode | Meaning |
|---|---|
| 1070 | UEX_ACBX_0 command rejected. |

**Response 217**

**Origin** Mainframe systems only

**Explanation** Command rejected by user exit.

**Note:** If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB), or the ACBXERRC or ACBXSUBR field (in the ACBX), may contain the ID of the Entire Net-Work node that issued or received this response code.

**Response 218**

**Origin** Mainframe systems only

**Explanation** The following table describes the subcodes that appear with this response code, clarifying why the response was received.

| Subcode | Meaning |
|---|---|
| 00 or 01 or 02 | The UB (TP monitor user block) pool is too small. There must be at least one user block for each concurrent user. This is controlled by the TP monitor link routines. The GETMAIN for the UB failed. |
| 13 or 15 or 17 | An error has occured during the freeing of the UB and Work areas for a TL call. This may indicate an internal product error or a TP monitor storage overlay. Contact technical support for assistance. |

| Subcode | Meaning |
|---|---|
| 72 | An IPC (Interprocess communication) message call parameter error occurred. This may indicate an internal product error or a TP-monitor storage overlay. Contact technical support for assistance. |
| 73 | The IPC message caller did not provide a pointer to the extended user ID block. This is probably an internal product error. Contact technical support. |
| 74 | An IPC message internal work area is corrupted. This may indicate an internal product error or a TP monitor storage overlay. Contact technical support for assistance. |
| 75 | An IPC message call parameter error occurred. This is probably an internal product problem. Contact technical support for assistance. |
| 76 | The extended user ID data provided to the IPC Message Call is either binary zeroes or blank. This is probably and internal product error. Contact technical support. |
| 77 | A getmain failed for the work area used in an IPC Message Call. Determine why the TP monitor is running short of storage. The storage will be acquired in the AMODE of the calling program, usually 31-bit for Natural transactions. |
| 78 | An invalid IPC work area has been provided by the caller for a TS call. This is probably and internal product error. Contact technical support. |
| 79 | An error occured during freemain done for a TS call. This may indicate an internal product error or a TP monitor storage overlay. Contact technical support for assistance. |
| 100 | Unable to communicate with the Adabas Directory Server. Check the LTCPSET parameters ADIHOST and ADIPORT. |
| 101 | An error occurred when closing a socket. Contact technical support for assistance. |
| 102 | A socket could not be allocated. Contact technical support for assistance. |
| 103 | The TCP/IP socket could not connect to the database. Check that the database is active. |
| 104 | Unable to establish a context on the database. Contact technical support for assistance. |
| 110 | Internal error processing a parameter list. Contact technical support for assistance. |
| 111 | An error occurred when sending data on a socket. Contact technical support for assistance. |
| 113 | Physical calls using a TCP/IP enabled link module (LGBLSET TCPIP=YES) to a target database which is registered in the Adabas Directory Server (identified by the ADIHOST and ADIPORT parameters of the LTCPSET macro) are not supported. Use a link module with LGBLSET TCPIP=NO. |
| 114 | Unable to process the command due to no Adabas parameter list. |

| Subcode | Meaning |
|---|---|
| 115 | Internal error formatting the TCP/IP send message. Contact technical support for assistance. |
| 120 | Unable to receive results due to no database context. Contact technical support for assistance. |
| 121 | An attempt has been made to receive results from a database which has not previously been contacted. Contact technical support for assistance. |
| 122 | Unable to receive results due to no client context on the database. Contact technical support for assistance. |
| 123 | An error occurred when receiving data on a socket. Contact technical support for assistance. |
| 124 | An error occurred updating the caller's buffers with the received results. Contact technical support for assistance. |
| 125 | An error occurred updating the caller's command buffer with the received results. Contact technical support for assistance. |
| 130 | The RCVTIME has been exceeded whilst waiting to receive data on a socket. |

**Action**

In the case of subcode zero, 01 or 02 increase the UB pool by respecifying the NUBS parameter in the link routines. See the LGBLSET macro information in the Adabas Installation documentation.

In all other cases, either the program executing the IPC (Interprocess communication) message has provided invalid parameters, or there are internal product problems such as storage overlay conditions. Contact technical support for assistance.

**Response 219**

**Origin**

Mainframe systems only

**Explanation**

This response code should only occur when Adabas Transaction Manager is being used.

| Subcode | Meaning |
|---|---|
| 2 | The global transaction is not in the status that allows the call. |
| 3 | Two transaction ID (XID) entries exist. |
| 4 | The "R" and "J" options are not supported; or this is not a global transaction. The transaction ID (XID) does not exist or cannot be found (or example, when the given XID does not belong to the UQE). |
| 5 | The record or value buffer definition may be invalid; for example, the length size may be invalid (less than or equal to 144 bytes); or the value buffer content may be invalid; for example, it may not contain a valid transaction ID (XID). |

| Subcode | Meaning |
|---|---|
| 6 | The user is not an update or ET user or is already involved in a global transaction or the user is already on PET (preliminary end-of-transaction) status. |
| 7 | A protocol error occurred: The user has been copied to Work 4 or the transaction was backed out. |
| 8 | A protocol error occurred: The transaction was terminated or the user has no transaction ID (XID) or the recover call for an active user is not permitted. |
| 9 | The system is currently locked due to a pending Work area 4 or DDWORKR4 overflow. |
| 10 | The call is not permitted; either ADAEND or an ET-sync point is in process for the nucleus. Force the ATM nucleus to backout (BT) the transaction. |
| 11 | The user has not made any updates. A preliminary ET command, therefore, is not permitted. |
| 12 | A logic error occurred. |
| 20 | The transaction ID (XID) is unknown. This error occurs only in a cluster environment. |

**Response 220**

**Origin** Mainframe systems only

**Explanation** The request was rejected by Entire Net-Work due to a shortage of short term buffers.

**Note:** If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB), or the ACBXERRC or ACBXSUBR field (in the ACBX), may contain the ID of the Entire Net-Work node that issued or received this response code.

**Action** Increase the region size.

**Response 221**

**Origin** Mainframe systems only

**Explanation** The LU size of the remote partner is smaller than the size required for the Adabas request.

**Action** Either increase the size specified for the LU= parameter on the remote system, or modify the application to reduce its buffer sizes.

**Response 222 - 223 (reserved)**

**Response 224**

**Origin** Mainframe and open systems

**Explanation** An Adabas command has been timed out by Entire Net-Work. The request waited for a reply for a longer time period than specified by the REPLYTIM parameter in either the Entire Net-Work NODE statement or the SET operator command. The reply may be delayed or lost due to a target malfunction, or because of a connecting link failure. If you are using Natural, and all connections are verified, check the ADAMODE setting. The ADAMODE=0 setting is the only option Entire Net-Work supports.

**Note:** If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB), or the ACBXERRC or ACBXSUBR field (in the ACBX), may contain the ID of the Entire Net-Work node that issued or received this response code.

| Subcode | Meaning |
|---|---|
| 1 | If the message was compressed using zEDC compression services and the attempt to decompress the message failed, subcode 1 is placed in the rightmost two bytes of the ACB Additions 2 field (ACBADD2) or the ACBX Subcomponent Response Code field (ACBXSUBR). |
| 1076 | An XTS timeout error occurred. |

**Action** Check the node and remote database or contact your database administrator for assistance.

**Response 225**

**Origin** Mainframe and open systems

**Explanation** A command was issued from a server, such as an Adabas nucleus, to another server, such as Entire Net-Work. The command did not complete within a prescribed time period. The issuer proceeds and no longer expects a response to the command.

Note that the command may still execute in the target. There will be no notification to the issuer if it does. The target may display message ADAM92, User Gone, if the target attempts to notify the issuer of command completion.

The subcode identifies the environment from which the command was issued.

| Subcode | Issuer |
|---|---|
| 1 | ADAMPM |
| 2 | Adabas nucleus, thread-synchronous command |
| 3 | Adabas nucleus, not thread-synchronous. Under z/OS, the command was TCB-synchronous. |

**Action** Contact our support for assistance if the reason for the command's failure to complete cannot be identified.

**Response 226 - 227 (reserved)**

**Response 228**

**Origin** Mainframe systems only

**Explanation** This response is issued by an Adabas link routine. It indicates that an ASCII-formatted user request has been issued against an EBCDIC-formatted database that is not properly configured to handle the translation:

| | |
|---|---|
| 1 | The SVC is not a valid Adabas SVC. |
| 2 | The database is not UES-enabled. |

**Action** Ensure that your Adabas installation is for a supported version and that the database is UES-enabled. Refer to the UES information.

**Response 229**

**Origin** Mainframe systems only

**Explanation** The Entire Net-Work convertor detected an inconsistency or error in the application format buffer or search buffer and is unable to correctly translate the user's data.

**Response 230**

**Origin** Open systems only

**Explanation** The protocol defined by the X/Open XA specification is violated. This happens, for example, if a user tries to issue an ET call for an XA transaction.

**Action** Follow the XA specification.

**Response 231-239**

**Explanation** These response codes are assigned in some Adabas user exits, and have meanings as defined by the user. One example is the response code in the ADALOG log data field issued by user exit 4.

**Action** Refer to the description of user exits in the Adabas user, hyperdescriptor, and collation descriptor exits documentation for more information.

**Response 240**

**Origin** Mainframe systems only

**Explanation** Adabas Transaction Manager encountered an error. The error code can be found in the Adabas control block Additions 2 field, in the low-order (rightmost) two bytes. A response code may occur in the first two bytes of the Additions 2 field.

**Action** Check the meaning of the Adabas Transaction Manager error code. If the cause of the problem is not apparent, contact our support.

**Response 241**

**Origin** Mainframe and open systems

**Explanation** The explanation for this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

Adabas Transaction Manager (ATM) received an unexpected Adabas response code. The subcode and response code can be found, in that order, in the Adabas control block Additions 2 field. If a positive response code value appears in the Additions 2 field, the response code was detected by the ATM transaction manager. If a negative response code value appears in the Additions 2 field, take its complement: this is the response code received by the client proxy's attempt to communicate with the ATM transaction manager.

**Open Systems**

The system cannot load the specified user exit shared library or dynamic load library, or the specified function does not exist in this shared library or dynamic load library. If the function does not exist in the shared library or dynamic load library, bytes 1 and 2 of the Additions 2 field contain the system's error number in binary format, otherwise these two bytes contain 0. Bytes 3 and 4 of the Additions 2 field contains the number of the ADALNK user exit which failed in binary format.

| Subcode | Meaning |
|---|---|
| 1080 | UEX_ACBX_0 load failed. |
| 1081 | UEX_ACBX_1 load failed. |

**Action**

**Mainframe Systems**

Check the meaning of the Adabas response code and subcode. If the cause of the problem is not apparent, contact our support.

**Open Systems**

Make sure that you use the correct environment variable for the user exit.

**Response 242**

**Origin** Mainframe and open systems

**Explanation** The explanation for this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

The Adabas Transaction Manager (ATM) or ATM client proxy was unable to determine the status of the caller's transaction. There might be an ATM error code in the Adabas control block Additions 2 field, in the low-order (rightmost) two bytes.

**Open Systems**

A double allocation has been detected between two or more files or a file and the free space table.

**Action** **Mainframe Systems**

Check the meaning of the Adabas Transaction Manager error code, if one is present. Otherwise, determine the status of the global transaction using Online Services. If the required action is not apparent, contact our support.

**Open Systems**

Run ADAVFY without any options to find out which parts of which files are affected. Contact your nearest support center with the output from ADAVFY.

**Response 243**

**Origin** Mainframe and open systems

**Explanation** The explanation for this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

**Mainframe Systems**

The Adabas Transaction Manager (ATM) or client proxy received an unsolicited syncpoint request. The action taken or the status of the global transaction that was open is indicated by a subcode in the Adabas control block Additions 2 field, in the low-order (rightmost) two bytes.

| Subcode | Explanation and Recommended Action |
|---|---|
| 1 | The unsolicited syncpoint request was accepted. The status of the current global transaction is not known.<br><br>Use Online Services to determine the status of the global transaction. |
| 2 | The unsolicited syncpoint request was accepted. The client session's global transaction has been committed. |
| 3 | The unsolicited syncpoint request was accepted. The client session's global transaction has been backed out. |

| Subcode | Explanation and Recommended Action |
|---|---|
| 4 | The unsolicited syncpoint request was accepted. The client session's global transaction had mixed completion (partially backed out, partially committed). |
| 5 | The unsolicited syncpoint request was accepted. The client session's global transaction is in backout. |
| 6 | The unsolicited syncpoint request was accepted. The client session's global transaction is in commit. |
| 7 | The unsolicited syncpoint request was accepted. The client session had no global transaction open. |
| 12 | The unsolicited syncpoint was attempted, but ATM returned response code 148 (ADARSP148) so the outcome is not known. |
| 16 | The unsolicited syncpoint request was rejected. |

**Open Systems**

An invalid FCB extent has been detected for a file.

**Action**

**Mainframe Systems**

Review the Adabas Transaction Manager's `TMSYNCMGR` parameter and the `TransactionControl`, `Client-sideTransactionManager`, and `HostSystemTransactionManager` client runtime controls for the failing job.

**Open Systems**

Contact your nearest support center.

**Response 245**

**Origin**

Mainframe and open systems

**Explanation**

On mainframe systems, this response code is issued for communication problems between add-on products that use the system coordinator (COR) interface to Adabas; that is, Adabas Fastpath, Adabas Vista, Adabas SAF Security, and Adabas Transaction Manager.

| Subcode | Meaning |
|---|---|
| 1 | Internal error. |
| 2 | A required module could not be loaded. This is probably an installation error. |

On open systems, pending utility entries exist in the UCB.

**Action**

On mainframe systems, for subcode 1, contact our support. For subcode 2, consult the installation instructions for the add-on product.

On open systems, delete the entries with RESET = UCB before executing RECOVER, but ensure that the utilities which own the UCB entries are no longer running.

**Response 246**

**Origin** Open systems only

**Explanation** Utility communication block (UCB) overflow.

**Action** Execute the RESET function of ADADBM to remove unused entries from the utility communication block if the utilities that own them are no longer running.

**Response 247**

**Origin** Open systems only

**Explanation** Correct ID not found in the utility communication block.

**Action** The utility cannot be restarted. Delete the utility communication block entry and rerun the utility.

**Response 248**

**Origin** Mainframe and open systems

**Explanation** This response code is returned by Data Archiving for Adabas processing. Subcodes are returned in big-endian byte order in the Additions-2 field of the Adabas control block and conform to the format 0xhhhhChhh where C is the subcode category. The subcodes below are listed in Category order.

Category 0 subcodes:

| Subcode | Meaning |
|---|---|
| 1 (0x00000001) | No architecture/version information returned by Adabas in the response to the `OP` command.<br><br>*Action:* Contact our support. |
| 2 (0x00000002) | Cannot recall archived data because the architecture of the target database is not compatible with the architecture to the original database.<br><br>*Action:* Choose a different mixture. |
| 3 (0x00000003) | Either the Extractor/Accumulator versions are not compatible or the Adabas version of the database being archived from or recalled to is not supported.<br><br>*Action:* Contact our support. |
| 4 (0x00000004) | The FDT of the file into which data is being recalled or archived is not compatible with the FDT of the original file.<br><br>*Action:* Check that FDTs of the files are compatible. |
| 5 (0x00000005) | Cannot coerce a value specified for the extraction criteria to the specified type. |

| Subcode | Meaning |
|---|---|
| | *Action:* Check that the values and types defined for the extraction criteria are correct. |
| 6 (0x00000006) | Date specified for the extraction criteria is prior to the earliest supported data.<br><br>*Action:* Contact our support. |
| 7 (0x00000007) | Unsupported date/time pattern in extraction critiera.<br><br>*Action:* Set a correct pattern in the extraction criteria. Contact our support. |
| 8 (0x00000008) | Database from which data is being archived or recalled into is not on the local machine.<br><br>*Action:*Check the action is correctly configured. The source database must be local to the Extractor and target database local to the Accumulator. |
| 9 (0x00000009) | Cannot load the Adabas System Coordinator library.<br><br>*Action:* Check that Adabas System Coordinator is installed correctly. |
| 10 (0x0000000A) | An incompatible version of Adabas System Coordinator is installed.<br><br>*Action:* Contact our support. |
| 11 (0x0000000B) | An incompatible version of Adabas System Coordinator is installed.<br><br>*Action:* Contact our support. |
| 12 (0x0000000C) | Cannot parse FDT.<br><br>*Action:* Contact our support. |
| 13 (0x0000000D) | Cannot generate FDU from FDT.<br><br>*Action:* Contact our support. |
| 14 (0x0000000E) | Cannot create format buffer for the whole FDT.<br><br>*Action:* Contact our support. |
| 15 (0x0000000F) | PE or MU field(s) not defined correctly.<br><br>*Action:* Check that the PE/MU fields in the Extractor/Accumulator filtering and Archive search fields are defined correctly. |
| 16 (0x00000010) | Field does not exist in the FDT.<br><br>*Action:* Check that the fields in the Extractor/Accumulator filtering and Archive search fields are defined correctly. |

| Subcode | Meaning |
|---|---|
| 17 (0x00000011) | Recall of a filtered archive using the 'Replace duplicate unique descriptors' option failed because the format/record buffer could not be parsed.<br><br>*Action:* Contact our support. |
| 18 (0x00000012) | Recall of a filtered archive using the 'Replace duplicate unique descriptors' option failed because the conflicting descriptor does not appear in the format/record buffer.<br><br>*Action:* Choose different recall options for handling duplicate unique descriptors or ensure that all UQ fields are included in a filtered archive. |
| 19 (0x00000013) | Internal record buffer overflow.<br><br>*Action:* Contact our support. |
| 20 (0x00000014) | Internal format buffer overflow.<br><br>*Action:* Contact our support. |
| 21 (0x00000015) | Internal search buffer overflow.<br><br>*Action:* Contact our support. |
| 22 (0x00000016) | Internal value buffer overflow.<br><br>*Action:* Contact our support. |
| 23 (0x00000017) | No extraction criteria were specified and there are no DE fields in the FDT.<br><br>*Action:* Contact our support. |
| 24 (0x00000018) | No Computer record for the current Adabas System Coordinator Group Leader.<br><br>*Action:* Check that the correct Repository is being used and that the Adabas System Coordinator Computer is still defined. |
| 25 (0x00000019) | No archive service definition for the Extractor/Accumulator computer.<br><br>*Action:* Check that the correct Repository is being used and that the Data Archiving Service is still defined for Adabas System Coordinator Daemon. |
| 26 (0x0000001A) | No Computer or Daemon record for the Extractor/Accumulator computer.<br><br>*Action:* Check that the correct Repository is being used and that the Adabas System Coordinator Computer and Daemon is still defined. |

| Subcode | Meaning |
|---|---|
| 27 (0x0000001B) | No Action record found for the current archive/recall/search operation.<br><br>*Action:* Check that the correct Repository is being used and that the Action record is still defined. |
| 28 (0x0000001C) | No Vault Validation record found.<br><br>*Action:* Check that the validation is correctly configured for this vault. |
| 29 (0x0000001D) | No Vault PATH information for this computer.<br><br>*Action:* Check that a Vault Path is defined for the Extractor, Accumulator and ADR Service computers. |
| 30 (0x0000001E) | Attempt to recall an archive using Extractor/Accumulator computers that not sharing the same Repository.<br><br>*Action:* Extractor/Accumulator computers for a recall must share the same Repository. |
| 31 (0x0000001F) | No Plan record found for the current archive/recall/search operation.<br><br>*Action:* Check that the correct Repository is being used and that the Plan record is still defined. |
| 32 (0x00000020) | Archive failed due to invalid/unsupported Extractor settings.<br><br>*Action:* Contact our support. |
| 33 (0x00000021) | Archive failed due to invalid/unsupported Transfer settings.<br><br>*Action:* Contact our support. |
| 34 (0x00000022) | Archive failed due to invalid/unsupported Accumulator settings.<br><br>*Action:* Contact our support. |
| 35 (0x00000023) | Recall failed due to invalid or unsupported Extractor settings.<br><br>*Action:* Contact our support. |
| 36 (0x00000024) | Recall failed due to invalid or unsupported Transfer settings.<br><br>*Action:* Contact our support. |
| 37 (0x00000025) | Recall failed due to invalid or unsupported Accumulator settings.<br><br>*Action:* Contact our support. |
| 38 (0x00000026) | Extractor terminated because the Accumulator is not active.<br><br>*Action:* Check the response and subcode for the Accumulator in Current or Completed Activities. |
| 39 (0x00000027) | Accumulator timed-out waiting for the Extractor. |

| Subcode | Meaning |
|---|---|
| | *Action:* Check the response and subcode for the Extractor in Current or Completed Activities. |
| 40 (0x00000028) | Message protocol error/incompatibility.<br><br>*Action:* Contact our support. |
| 41 (0x00000029) | Message protocol error/incompatibility.<br><br>*Action:* Contact our support. |
| 42 (0x0000002A) | Message protocol error/incompatibility.<br><br>*Action:* Contact our support. |
| 43 (0x0000002B) | Message protocol error/incompatibility.<br><br>*Action:* Contact our support. |
| 44 (0x0000002C) | Message protocol error/incompatibility.<br><br>*Action:* Contact our support. |
| 45 (0x0000002D) | Timeout waiting for lock on archive in Vault.<br><br>*Action:* Retry the operation and/or check for competing operations. |
| 46 (0x0000002E) | Version mismatch between Data Archiving for Adabas runtime and Vault contents.<br><br>*Action:* Contact our support. |
| 47 (0x0000002F) | Invalid/corrupt archive in Vault.<br><br>*Action:* Contact our support. |
| 48 (0x00000030) | Archive in Vault contains data not supported by this version of the Data Archiving for Adabas runtime.<br><br>*Action:* Contact our support. |
| 49 (0x00000031) | Archive size would exceed limit.<br><br>*Action:* Contact our support. |
| 50 (0x00000032) | Invalid/unsupported Vault operation.<br><br>*Action:* Contact our support. |
| 51 (0x00000033) | Archive does not exist in Vault.<br><br>*Action:* Contact our support. |
| 52 (0x00000034) | Vault path does not exist.<br><br>*Action:* Check that the Vault Path defined for the Extractor, Accumulator and ADR Service computers is correct. |
| 53 (0x00000035) | Access denied to Vault Path. |

| Subcode | Meaning |
|---|---|
| | *Action:* Check that the Extractor, Accumulator and ADR Service computers have the correct filesystem permissions for the Vault Path. |
| 54 (0x00000036) | Logical error manipulating Vault contents.<br><br>*Action:* Contact our support. |
| 55 (0x00000037) | Extractor/Accumulator failed to load.<br><br>*Action:* Check the response and subcode for the Extractor/Accumulator in Pending, Current and Completed Activities. |
| 56 (0x00000038) | Extractor/Accumulator failed to load.<br><br>*Action:* Contact our support. |
| 57 (0x00000039) | Length of compressed record exceeds limit.<br><br>*Action:* Contact our support. |
| 58 (0x0000003A) | Length of decompressed record exceeds limit.<br><br>*Action:* Contact our support. |
| 59 (0x0000003B) | Cannot determine the default code page for the system.<br><br>*Action:* Contact our support. |
| 60 (0x0000003C) | Invalid/unsupported code page specified for archive or recall.<br><br>*Action:* Check that the code page specified for in the Extractor/Accumulator settings in the Action or recall request. |
| 61 (0x0000003D) | 'Use default' code page specified for archive or recall and there is no default UES `AMODE=` setting for the database.<br><br>*Action:* Specify the code page explicitly or configure the default `AMODE=` setting for the database. |
| 62 (0x0000003E) | No Search record found.<br><br>*Action:* Check that the correct Repository is being used and that the Search Record is still defined for the Action. |
| 63 (0x0000003F) | Cannot search archive because the data was not archived in compressed format.<br><br>*Action:* Contact our support. |
| 64 (0x00000040) | Invalid search (search buffer).<br><br>*Action:* Contact our support. |
| 65 (0x00000041) | Invalid search (value buffer).<br><br>*Action:* Contact our support. |

| Subcode | Meaning |
|---|---|
| 66 (0x00000042) | Value buffer for search could not be converted from the UI code page to the code page of the archived data.<br><br>*Action:* Contact our support. |
| 67 (0x00000043) | 'Use default' code page specified for archive or recall and there is no default UES WMODE=setting for the database.<br><br>*Action:* Specify the code page explicitly or configure the default WMODE= setting for the database. |
| 68 (0x00000044) | Task already locked.<br><br>*Action:* Contact our support. |
| 69 (0x00000045) | License file is missing.<br><br>*Action:* Contact our support. |
| 70 (0x00000046) | License key is invalid.<br><br>*Action:* Contact our support. |
| 71 (0x00000047) | License has expired.<br><br>*Action:* Contact our support. |
| 72 (0x00000048) | License is for a different operating system.<br><br>*Action:* Contact our support. |
| 73 (0x00000049) | License is for a different product.<br><br>*Action:* Contact our support. |
| 74 (0x0000004A) | License is for a different version.<br><br>*Action:* Contact our support. |
| 75 (0x0000004B) | Functionality restricted, Community edition.<br><br>*Action:* License file required for full functionality. |
| 76 (0x0000004C) | No license file found.<br><br>*Action:* Contact our support. |
| 77 (0x0000004D) | Duplicate archive identifier detected in the Vault.<br><br>*Action:* Contact our support. |
| 78 (0x0000004E) | Filename conflict detected in the Vault.<br><br>*Action:* Contact our support. |
| 79 (0x0000004F) | Some or all of the data for an archive is missing from the Vault.<br><br>*Action:* Contact our support. |
| 80 (0x00000050) | Vault or archive damaged. |

| Subcode | Meaning |
|---|---|
| | *Action:* Contact our support. |
| 81 (0x00000051) | ADR plug-in library could not be loaded.<br><br>*Action:* Contact our support. |
| 82 (0x00000052) | Incompatible ADR plug-in library.<br><br>*Action:* Contact our support. |
| 83 (0x00000053) | Occurrence 'N' cannot be specified for a PE/MU LOB field in an Extractor Filter (Open Systems only).<br><br>*Action:* Correct the format buffer in the Extractor Filter Settings. |
| 84 (0x00000054) | An Extractor Filter must contain at least one non-LOB field.<br><br>*Action:* Correct the format buffer in the Extractor Filter Settings. |
| 85 (0x00000055) | The data being archived or recalled contains LOB fields but no LOB file number has been specified.<br><br>*Action:* Specify a LOB file number, for recalls set in the recall settings and for archive set in the Accumulator settings in the Action. |
| 86 (0x00000056) | License file does not provide the Price Units required by the system.<br><br>*Action:* Contact our support. |
| 87 (0x00000057) | License file does not provide the Price Quantity required by the system.<br><br>*Action:* Contact our support. |
| 88 (0x00000058) | License file does not provide Extended Rights.<br><br>*Action:* Contact our support. |
| 89 (0x00000059) | The file size of the archive file checked by the validation process is incorrect.<br><br>*Action:* Restore the archive file from a backup and rerun the validation to check the integrity of the data. |
| 90 (0x0000005A) | The number of records in the archive file checked by the validation process in incorrect.<br><br>*Action:* Restore the archive file from a backup and rerun the validation to check the integrity of the data. |
| 91 (0x0000005B) | The check sum for the archive file checked by the validation process is incorrect.<br><br>*Action:* Restore the archive file from a backup and rerun the validation to check the integrity of the data. |

| Subcode | Meaning |
|---|---|
| 92 (0x0000005C) | The lengths of the records in the archive file checked by the validation process are incorrect.<br><br>*Action:* Restore the archive file from a backup and rerun the validation to check the integrity of the data. |
| 93 (0x0000005D) | License file does not provide Archive to Vault required by the system.<br><br>*Action:* Contact our support. |
| 94 (0x0000005E) | License file does not provide Transfer to Adabas required by the system.<br><br>*Action:* Contact our support. |
| 95 (0x0000005F) | License file does not provide Delete from Adabas required by the system.<br><br>*Action:* Contact our support. |
| 96 (0x00000060) | Inconsistency in join data for archive.<br><br>*Action:* Contact our support. |
| 97 (0x00000061) | Inconsistent object/archive identifiers for archive.<br><br>*Action:* Contact our support. |
| 98 (0x00000062) | File list for action does not match the archive data.<br><br>*Action:* Contact our support. |
| 99 (0x00000063) | Archive identifier does not match API data.<br><br>*Action:* Contact our support. |
| 100 (0x00000064) | Group, plan or name of action does not match API data.<br><br>*Action:* Contact our support. |
| 101 (0x00000065) | File list for action does not match API data.<br><br>*Action:* Contact our support. |
| 102 (0x00000066) | Duplicate activity encountered.<br><br>*Action:* Delete activity from Activities List and rerun. |
| 103 (0x00000067) | Related file record is missing.<br><br>*Action:* Contact our support. |
| 104 (0x00000068) | Recall target record is missing.<br><br>*Action:* Contact our support. |
| 105 (x00000069) | Recall target information is not valid. |

| Subcode | Meaning |
|---|---|
| | *Action:* Contact our support. |
| 106 (x0000006A) | Maximum number of related files exceeded.<br><br>*Action:* Contact our support. |
| 107 (x0000006B) | Maximum number of transfer destinations exceeded.<br><br>*Action:* Contact our support. |
| 108 (x0000006C) | Transfer destination not defined.<br><br>*Action:* Contact our support. |
| 109 (x0000006D) | Maximum number of related files or transfer destinations exceeded.<br><br>*Action:* Contact our support. |
| 110 (x0000006E) | Invalid related file.<br><br>*Action:* Contact our support. |
| 111 (x0000006F) | Invalid transger destination.<br><br>*Action:* Contact our support. |
| 112 (0x00000070) | Archive, recall or search failed.<br><br>*Action:* Check the response and subcode for the Extractor/Accumulator in Completed Activities. |
| 113 (0x00000071) | Archive, recall or search incomplete.<br><br>*Action:* Records have been skipped due to contention or errors. |
| 114 (0x00000072) | Invalid settings specified for file in action.<br><br>*Action:* Contact our support. |
| 115 (0x00000073) | Recall configuration records inconsistent.<br><br>*Action:* Contact our support. |
| 116 (0x00000074) | Recall configuration records inconsistent.<br><br>*Action:* Contact our support. |
| 117 (0x00000075) | API library is not installed.<br><br>*Action:* Contact our support. |
| 118 (0x00000076) | API library could not be loaded.<br><br>*Action:* Contact our support. |
| 119 (0x00000077) | Entry-point symbol missing from API library.<br><br>*Action:* Contact our support. |
| 120 (0x00000078) | Wrong version of API library. |

| Subcode | Meaning |
|---|---|
| | *Action:* Contact our support. |
| 121 (0x00000079) | Fault detected in API library.<br><br>*Action:* Contact our support. |
| 122 (0x0000007A) | API library is missing.<br><br>*Action:* Contact our support. |
| 123 (0x0000007B) | No data returned by API.<br><br>*Action:* Contact our support. |
| 124 (0x0000007C) | Incorrect API parameters specified by user.<br><br>*Action:* Contact our support. |
| 125 (0x0000007D) | Memory allocation failed in API.<br><br>*Action:* Contact our support. |
| 126 (0x0000007E) | Internal API error.<br><br>*Action:* Contact our support. |
| 128 (0x00000080) | Incorrect parameter passed to API.<br><br>*Action:* Contact our support. |
| 129 (0x00000081) | API notification failed (state inconsistent).<br><br>*Action:* Contact our support. |
| 130 (0x00000082) | API library name is too long.<br><br>*Action:* Reduce the length of the API library name. |
| 131 (0xhhhh0083) | Error occurred while processing the Extraction Syntax. An extended error code (identified by hhhh) may also be reported for subcode 131.<br><br>*Action:* Check the Extraction Syntax and if the error persists contact our support providing the full subcode value and the Extraction Syntax being used. |
| 132 (0x00000084) | No dynamic extraction object code exists<br><br>*Action:* Ensure that you have successfully saved and compiled your dynamic extraction syntax. |
| 133 (0x00000085) | Duplicate Related file record with differing scopes.<br><br>*Action:* Contact our support. |
| 134 (0x00000086) | API To-Do list locked, it is already in use by another process.<br><br>*Action:* Ensure that only one application/process accesses a To-Do list at any one time. |

| Subcode | Meaning |
|---|---|
| 135 (0x00000087) | Extractor data targets do not match those in the Repository.<br><br>*Action:* Contact our support. |
| 136 (0x00000088) | Extractor/Accumulator was terminated unexpectedly or cancelled by the user.<br><br>*Action:*Check the response and subcode for the Extractor/Accumulator in Pending, Current and Completed Activities. |
| 137 (0x00000089) | Accumulator terminated because the Extractor is not active.<br><br>*Action:*Check the response and subcode for the Extractor in Current Activities or Recently Completed. |
| 138 (0x0000008A) | An archive activity could not be resumed/restarted because the FDT of one of the Source Files has been changed since the activity was paused/failed.<br><br>*Action:* Contact our support. |
| 139 (0x0000008B) | An archive activity could not be resumed/restarted because the Codepage setting for a Source File or the AMODE/WMODE settings for the associated database have been changed since the activity was paused/failed.<br><br>*Action:* Contact our support. |
| 140 (0x0000008C) | An archive activity could not be resumed/restarted because the computer defined for the Extractor or Accumulator has been changed since the activity was paused/failed.<br><br>*Action:* Contact our support. |
| 141 (0x0000008D) | An archive activity could not be resumed/restarted because the Source or Target File definitions for the Action have been changed since the activity was paused/failed.<br><br>*Action:* Contact our support. |
| 142 (0x0000008E) | The Extractor was unable to read the FCB of one of the Source Files.<br><br>*Action:* Contact our support. |
| 143 (0x0000008F) | The FCB of the Source Files is in a format not recognised by the Extractor.<br><br>*Action:* Contact our support. |
| 144 (0x00000090) | An archive activity could not be resumed/restarted because one of the Source Files has been reloaded since the activity was paused/failed.<br><br>*Action:* Contact our support. |

| Subcode | Meaning |
|---|---|
| 145 (0x00000091) | An archive activity could not be restarted because the archive could not be validated, the repair was unsuccessful.<br><br>*Action:* Review the meaning of any log messages written at the time of the failure and, if necessary, contact our support. |
| 146 (0x00000092) | An archive activity could not be validated/restarted because one of the archive file segments is missing.<br><br>*Action:* Contact our support. |
| 147 (0x00000093) | Invalid archive identifier.<br><br>*Action:* Contact our support. |
| 148 (0x00000094) | Length mismatch detected whilst updating archive file record.<br><br>*Action:* Contact our support. |
| 149 (0x00000095) | No Vault record found.<br><br>*Action:* Check that the Vault defined for the Plan or Action exists. |
| 150 (0x00000096) | The ADR Service does not support the granularity setting configured for the Vault.<br><br>*Action:* Contact our support. |
| 151 (0x00000097) | Vault path does not exist.<br><br>*Action:* Check that the Vault Path defined for the Extractor, Accumulator and ADR Service computers are correct. |
| 152 (0x00000098) | An archive activity could not be validated/restarted because too many archive file segments exist.<br><br>*Action:* Contact our support. |
| 153 (0x00000099) | Timed-out whilst caching Vault content on local Computer.<br><br>*Action:* Contact our support. |
| 154 (0x0000009A) | Vault path does not exist.<br><br>*Action:* Check that the Vault Path defined for the Extractor, Accumulator and ADR Service computers are correct. |

Category 7 subcodes:

| Subcode | Meaning |
|---|---|
| 0xhhhh7004 | An error has occurred whilst accessing a Vault where hhhh is the operating system error code.<br><br>Refer to your operating system documentation for an explanation of hhhh (z/OS customers should refer to z/OS Linux System Services Messages and Codes).<br><br>If the cause of the error is not apparent, contact our support. |
| 0xhhhh700B | An error has occurred whilst writing to a Vault where hhhh is the operating system error code.<br><br>Refer to your operating system documentation for an explanation of hhhh (z/OS customers should refer to z/OS Linux System Services Messages and Codes).<br><br>If the cause of the error is not apparent, contact our support. |

Category A subcodes:

| Subcode | Meaning |
|---|---|
| 0xhhhhA001 | A TCP/IP error has occurred where hhhh is the operating system error code.<br><br>Refer to your operating system documentation for an explanation of hhhh (z/OS customers should refer to z/OS Linux System Services Messages and Codes).<br><br>If the cause of the error is not apparent, contact our support. |
| 0xhhhhA002 | A DNS error has occurred where hhhh is the operating system error code.<br><br>Refer to your operating system documentation for an explanation of hhhh (z/OS customers should refer to z/OS Linux System Services Messages and Codes).<br><br>If the cause of the error is not apparent, contact our support. |

**Response 249**

**Origin** Mainframe and open systems

**Explanation** **Mainframe Systems**

Adabas Vista uses a default Adabas response code 249 for all processing errors. This response code can be changed by using the Job Parameter function of Adabas Vista Online Services.

The following table describes each of the subcodes possible for response code 249. Adabas Vista issues these subcodes as well to provide additional information.

| Subcode | Meaning |
|---|---|
| 1 | The partitioned file concurrency limit has been reached.<br><br>*Action:* Increase the partitioned file concurrency limit using the File Partitioning function of Adabas Vista Online Services. |
| 6 | The job parameter `Enable Multiple Updates` is set to NO. After updating one database, the user attempted to update a second database in the same transaction.<br><br>*Action:* Review the job parameter `Enable Multiple Updates` in the Job Parameter function of Adabas Vista Online Services. |
| 8 | This partitioned file has been defined with an unsupported Partitioning Field. The Partitioning Field may not be:<br><br>■ A multiple value field<br>■ An item in a periodic group<br>■ A field with format F, G, or W<br>■ A variable length field<br>■ A field with the long alphanumeric (LA) attribute<br>■ A SUPDE or SUPFN of format Alphanumeric with at least one parent of format W<br><br>*Action:* Review the partitioning criteria. |
| 9 | One of the following errors was detected while processing a partitioned file:<br><br>■ A distributed access cannot be successfully processed due to the client encoding being incompatible with Vista's record collating process.<br>■ A command cannot be successfully processed due to the client encoding being incompatible with the defined partition criteria.<br><br>*Action:* Review the use of client encodings. |
| 10 | One of the following errors was detected in the Adabas search buffer while processing a partitioned file:<br><br>■ the specified field is not in the Adabas FDT.<br>■ an S or N operator is used incorrectly.<br>■ a superdescriptor with a variable-length parent field is not allowed.<br>■ coupled file syntax is not allowed.<br>■ the value1 operator (EQ, GE, GT, etc.) is unknown.<br>■ a connecting operator (D, O, R, etc.) is unknown.<br>■ a command ID enclosed in parentheses is not allowed |

| Subcode | Meaning |
|---|---|
| | ■ a memory request failed.<br>■ collation descriptors are not supported.<br><br>*Action:* Review and correct the application program. |
| 12 | Runtime controls have been changed dynamically without the client previously resetting all Adabas context to null. In this situation Vista is forced to discard all Adabas context and alert the application with this response.<br><br>*Action:* Avoid this response by ensuring the client has no Adabas context prior to the runtime controls being changed. |
| 14 | One of the following errors was detected in the Adabas format or record buffer while processing a update/store for a partitioned file:<br><br>■ The partitioning field specified in the format buffer could not be located in the Adabas FDT (`N1` and `N2`).<br>■ An Adabas field specified in the format buffer could not be located in the Adabas FDT (`N1`, `N2` and `A1`).<br>■ The partitioning field value specified in the record buffer is inconsistent with the defined partitioning criteria for the file (`N1` and `N2`).<br>■ The partitioning field value specified in the record buffer is inconsistent with the partition criteria defined to the partition identified by the ISN in the Adabas control block (`N2` only).<br>■ The partitioning field value specified in the record buffer is null and the `Store Control Option` is set to 2 (`N1` only).<br>■ The partitioning field/value has not been specified and no target partition has been identified (`N1` and `N2`).<br><br>*Action:* Review application program and partitioning criteria. |
| 15 | The partitioning field value specified in the record buffer of the `A1` command is inconsistent with the partition criteria defined to the partition identified by the ISN in the Adabas control block.<br><br>Such an update requires the relocation of the ISN to another partition, which is not allowed.<br><br>*Action:* Review the application program. Use a delete and store as an alternative. |
| 16 | An ISN has been detected that is invalid for one of the following reasons:<br><br>■ The partition identifier extracted from the Adabas Vista ISN is not consistent with any partition defined to the partitioned file.<br>■ The Adabas ISN read from a partition is greater than the TOPISN value defined for the partition. |

| Subcode | Meaning |
|---|---|
| | ■ An attempt to store a record has resulted in an Adabas ISN greater than the TOPISN value defined for the partition.<br>■ (Extreme partitioned files only) The number of partitions is greater than the limit of 255.<br>■ (Extreme partitioned files only) The application-supplied ISN is no longer associated with this partitioned file.<br>*Action:* For Standard partitioned files, review the application program, the partition definitions, and check TOPISN setting. For Extreme partitioned files, review the application's use of the supplied ISN. |
| 21 | One of the following errors occurred while processing Distributed Lock Mode (DLM) against a partitioned file:<br>■ Prefetch/multifetch options on a distributed access `L6`command are not allowed for DLM options 2 and 3.<br>■ DLM option 4 is specified and a distributed access`S4` or `L6` command was issued.<br>■ DLM option 3 is specified and the distributed access data integrity check failed.<br>*Action:* Review the application and use of the DLM option. |
| 22 | The client runtime control for `CL` convergence is set to reject when your Vista rules used during runtime result in activity for multiple source databases converging into a single target database. With this setting the `CL` command cannot be processed by Vista because it would result in the loss of cursor/transaction activity in the target database for source database(s) beyond the one indicated in this `CL` command which would result in unpredictable results and errors if those other source databases are used further.<br>*Action:* Review the application program and the convergent translation/partitioning rules or alter the `CL` convergence runtime control setting. |
| 25 | One of the following unsupported commands has been issued:<br>■ an `S5` command (partitioned files only)<br>■ a `C5` command<br>■ a `BT` command with Command Option 2 set to F (any transaction will have been backed out)<br>■ an `L1` command with Command Option 1 or 2 set to F<br>*Action:* Review application program. |
| 28 | An update command has been issued to a partitioned file; however, the target partition does not have the option `ACCESS=FULL`. |

| Subcode | Meaning |
|---|---|
| | *Action:* Review application program and partition `ACCESS` options. |
| 31 | An existing Command ID has been reused after the client's translation context has been modified but this now references a different file, which is an illegal situation and is therefore rejected.<br><br>*Action:* Review programming practices for changing client contexts. |
| 32 | Partitioned files can not be subjected to a change in client context<br><br>*Action:* Review programming practices for changing client contexts. |
| 36 | A session-related memory allocation failed during an inter-system dynamic transaction routing operation, the client session is unable to continue. This sub-code may not indicate an error on this current Adabas command, but it indicates that an internal error has prevented the Vista session continuing successfully.<br><br>*Action:* Increase the shared memory available. |
| 37 | A file-related memory allocation failed during an inter-system dynamic transaction routing operation, the client session is unable to continue using the file. This sub-code may not indicate an error on this current Adabas command, but it indicates that an internal error has prevented the Vista session continuing successfully with one of the files currently being used so Vista is alerting you immediately.<br><br>*Action:* Increase the shared memory available. |
| 39 | An `L1` (get next) command was issued but the supplied command ID is not currently active.<br><br>*Action:* Review application program. |
| 45 | An error has occurred during the processing of a distributed `L3/L9` command against a partitioned file.<br><br>*Action:* Contact our support and use the COR Debug Event Monitor controls specifying Response 249 and this subcode to provide diagnostic information. |
| 50 | An `A1` command was issued without the H option and the DLM option is set to 1. However, the ISN to be updated has not been previously read by a hold command.<br><br>*Action:* Review application program and use of DLM option. |
| 51 | The number of segmented buffers used by this ACBX call against a Partitioned File is greater than the maximum allowed.<br><br>*Action:* Reduce the number of segmented buffers. |
| 52 | The file parameter `Enable ISN Positioning` is set to NO and one of the following commands was issued:<br><br>■ `L1` with Command Option 2 set to I |

| Subcode | Meaning |
|---|---|
| | ■ L2/5 with starting ISN<br>■ L3/6 with starting ISN<br>■ Sx with the ISN Lower Limit field specified<br>*Action:* Review application program and the file parameter Enable ISN Positioning. |
| 60 | A memory request failed.<br>*Action:* Review the memory availability of the<br>■ host TP system;<br>■ host operating system |
| 65 | One of the following invalid values was used for a command ID value:<br>■ X'00000000'<br>■ X'40404040'<br>*Action:* Do not use the above command ID values. |
| 70 | Support for the use of this API has been withdrawn.<br>*Action:* Please refer to the currently supported APIs or, alternatively, contact our support to discuss your requirements. |
| 72 | An ET Data related command has been issued, but the runtime control ( see *Database Number for ET Data*, in the *Adabas Vista Parameters* manual) is not set to a specific database number and Vista has been unable to establish a target database to satisfy the command.<br>*Action:* Review the runtime control *Database Number for ET Data*, in the *Adabas Vista Parameters* manual, to specifically identify the database number to be used. |
| 74 | A sequence direction change has been detected during an L3 or L9 command against a Partitioned File whose Command ID sequence has been previously subjected to multifetch.<br>*Action:* Review the program logic. |
| 81 | An error has occurred during the processing of an L1 'get next' command against a partitioned file.<br>*Action:* Contact our support and use the COR Debug Event Monitor controls specifying Response 249 and this subcode to provide diagnostic information. |
| 86 | The Adabas Vista database process is not installed. It must be installed on all Adabas databases which contain Adabas Vista partitions. This subcode indicates that a database is not running with ADARUN VISTA=YES.<br>*Action:* Refer to the Adabas Vista installation procedures. |

| Subcode | Meaning |
|---|---|
| 96 | An error has occurred during the parsing of the Format Buffer during the processing of an `Ax` or `Nx` command against a partitioned file.<br><br>*Action:* Contact our support and use the COR Debug Event Monitor controls specifying Response 249 and this subcode to provide diagnostic information. |
| 106 | The configuration for the first-level null definition policy for this target category (mode) is set to reject "null" as the outcome of translation processing.<br><br>*Action:* Review the null definition policy for the target category (mode) used if you do not wish to receive this error. |
| 107 | Translation processing has been configured to disallow redirection to a different target category (mode).<br><br>*Action:* Remove the redirection rule(s) or review the category adjustment policy for the target category (mode) in use. |
| 108 | The configuration for the first-level null definition policy redirects to another target category (mode) which in turn has resulted in a "null" outcome. The second-level null definition policy is set to reject such an outcome.<br><br>*Action:* Review the translation rules in use to avoid a null result or alter the null definition policies. |
| 109 | Translation processing has detected a recursive redirection.<br><br>*Action:* Review the translation rules in use. |
| 112 | An error has occurred during the processing of the current command.<br><br>*Action:* Contact our support and use the COR Debug Event Monitor controls specifying Response 249 and this subcode to provide diagnostic information. |
| 116 | A command has been issued against a partitioned file which has the `Shared Partition` option set to YES for one or more of its partitions. However, the partitioning field defined does not exist in the Adabas FDT.<br><br>*Action:* Contact our support and use the COR Debug Event Monitor controls specifying Response 249 and this subcode to provide diagnostic information. |
| 117 | One of the following errors occurred while processing the record, value, or search buffer:<br><br>■ A P format field value was not in packed decimal format.<br>■ A U format field value was not in unpacked decimal format.<br>■ The attempted format conversion was not possible because of incompatible data formats or other compatibility problems.<br>■ The field length was zero or not consistent with the field format.<br><br>*Action:* Check field values for correct formats and lengths. |
| 119 | One of the following has occurred: |

| Subcode | Meaning |
|---|---|
| | ■ Runtime configuration on behalf of this client was unsuccessful and Adabas Vista has been defined as "critical" using the Critical Product Support feature of the Adabas System Coordinator.<br>■ The Adabas Vista configuration file was not available during an attempt to satisfy an Adabas Vista API request.<br>*Action:* Check the availability of the configuration file.<br>If the client runtime control Error Reporting WTO option is set to YES, this error may be accompanied by an AVI-0017-10 console message. |
| 120 | The client previously issued a command to a source file for which Vista was unable to determine the existence of any translation rules due to the configuration file not being available at the time. Subsequently, Vista has detected the availability of the configuration file and has determined the existence of a transation rule for this source file. This subcode is returned the next time the client attempts to access the source file.<br>*Action:* Review the availability of the configuration file. |
| 122 | An invalid partitioned file definition has been found in the Adabas Vista configuration file.<br>*Action:* Check the file definition using Adabas Vista Online Services. |
| 123 | An invalid translation rule has been found in the Adabas Vista configuration file.<br>*Action:* Check the rule using Adabas Vista Online Services. |
| 124 | An error in the record buffer was detected during processing of an `OP` command. |
| 126 | One of the following errors occurred while processing an S8 command:<br>■ An invalid command ID was specified in the Additions 1 field.<br>■ Different file numbers were detected for ISN lists.<br>■ An error occurred while processing a subsequent `S8` call.<br>*Action:* Review the application program. |
| 127 | One of the following errors occurred while processing an `S2` command:<br>■ An invalid sort sequence was specified.<br>■ An invalid ISN was detected during processing.<br>■ An error was detected during ISN processing.<br>*Action:* Review the application program. |
| 128 | One of the following errors occurred while processing an `S9` command:<br>■ The command ID value specified was assigned to another command. |

| Subcode | Meaning |
|---|---|
| | ■ An invalid sort sequence was specified.<br>■ An invalid ISN buffer length was detected.<br>■ The number of ISNs to be sorted as provided in ISN quantity is equal to 0.<br>■ The command ID value specified in Additions 4 was not found.<br>■ An invalid ISN was detected during processing.<br>■ An error was detected during ISN processing.<br>*Action:* Review the application program. |
| 129 | The command limit defined for this source file has been exceeded.<br>*Action:* Review the command limit. |
| 131 | A requested file refresh of a partitioned file has failed due to an unexpected Adabas response code. The partitioned file is in a partially refreshed state.<br>*Action:* Review the Adabas response code. |
| 133 | One of the following errors occurred whilst processing a direction change during an `L9` command sequence:<br>■ A second direction change for this sequence was attempted.<br>■ A format override cannot be processed.<br>■ A length override greater than specified in the FDT cannot be processed.<br>■ A length override has been specified with complex search criteria.<br>*Action:* Review the use of the `L9` command and the Adabas Vista restrictions. |
| 134 | An `S2` command to continue a sequence has been received. The sequence was not started by an `S2` command.<br>*Action:* Amend the command sequence to process either all `S1` commands, or all `S2`commands, as appropriate. |
| 200 | ISN quantity is too high on this Sx command.<br>*Action:* Perform a more specific Sx . |
| 201 | One of the following errors occurred while initializing AVIKRN:<br>■ The dynamic load failed.<br>■ The version is not compatible.<br>*Action:* Check the Adabas Vista installation procedures. |
| 250 | ISN error when issuing ACBX style RI shared-hold calls with ACBXCOP3 set to “S”.<br>*Action:* Check ISN usage on shared-hold commands. |

| Subcode | Meaning |
|---|---|
| 305 | An error has occurred while attempting to access an Extreme partitioned file.<br><br>*Action:* Contact our support and use the COR Debug Event Monitor controls specifying Response 249 and this subcode to provide diagnostic information. |
| 496 | The session is not compliant with correct distributed transaction processing. Read *Transaction Directives*, in *Adabas Vista Programming Guidelines* for a more detailed explanation of this subcode.<br><br>*Action:* Adhere to correct distributed transaction processing. |
| 532 | This session has not complied with the correct transactional processing behavior when using the discrete file setting.<br><br>*Action:* Review the discrete file setting and ensure correct transactional processing. |
| 588 | For ACBX calls, a conflict with shared hold status option "H" has been detected. The client session is using this option in a conflicting manner during an `ET` or `BT` sequence after a commit/backout process has been performed. The transaction outcome is unaffected but records may no longer be in shared hold status.<br><br>*Action:* Review usage of this option. |

**Open Systems**

In Adabas Vista (open systems) an error occurred during command execution. One of the following subcodes may occur:

| Subcode | Meaning |
|---|---|
| 1 (0x0001) | An inconsistency in an internal data structure was detected. This may indicate a code fault within Adabas Vista.<br><br>*Action:* Contact our support. |
| 2 (0x0002) | An inconsistency in an internal data structure was detected. This may indicate a logic error within Adabas Vista.<br><br>*Action:* Contact our support. |
| 3 (0x0003) | The `S9` command is not supported on partitioned files.<br><br>*Action:* Review the program logic. |
| 4 (0x0004) | The F option for an `L1` command is not supported on partitioned files<br><br>*Action:* Review the program logic. |
| 5 (0x0005) | The F option for a `BT` command is not supported.<br><br>*Action:* Review the program logic. |

| Subcode | Meaning |
|---|---|
| 6 (0x0006) | The ISN buffer for a BT or ET command with the M option is not consistent with ISN Buffer Length in the Adabas control block.<br><br>*Action:* Review the program logic. |
| 7 (0x0007) | The maximum number of active command ID values has been reached.<br><br>*Action:* Review the program logic. |
| 8 (0x0008) | The command ID value specified for TBLES/TBQ (sequential) or TBI (ISN list) command is already in use by a different TBLES/TBQ or TBI command.<br><br>*Action:* Review the program logic. |
| 9 (0x0009) | Adabas Vista is not compatible with the installed version of Natural, Adabas or Entire Net-Work.<br><br>*Action:* Contact our support. |
| 10 (0x000A) | The definitions for partitioned file do not exist.<br><br>*Action:* Review the partition definitions in SYSAVI. |
| 11 (0x000B) | The parititioning field does not exist in the FDT.<br><br>*Action:* Review the partition definitions in SYSAVI. |
| 12 (0x000C) | The field type in the partition definition does not match the field type in the FDT.<br><br>*Action:* Review the partition definitions in SYSAVI. |
| 13 (0x000D) | The type for the parititioning field is not suitable.<br><br>*Action:* Review the partition definitions in SYSAVI. |
| 14 (0x000E) | The format buffer specified for an N1 or N2 command does not contain the partitioning field.<br><br>*Action:* Review the program logic. |
| 15 (0x000F) | The value of the partitioning field in the record buffer specified for an N1 or N2 command could not be converted to the standard field length and format.<br><br>*Action:* Review the program logic. |
| 16 (0x0010) | The value of the partitioning field in the record buffer specified for an A1, N1 or N2 command does not correspond to any partition defined for the file.<br><br>*Action:* Review the partition definitions in SYSAVI. |

| Subcode | Meaning |
|---|---|
| 17 (0x00011) | The value of the partitioning field in the record buffer specified for an `A1` command would require the ISN to be relocated to a different partition.<br><br>*Action:* Review the program logic. |
| 18 (0x00012) | The ISN and the value of the partitioning field in the record buffer specified for an `N2` command do not correspond to the same partition.<br><br>*Action:* Review the program logic. |
| 19 (0x00013) | The license is not valid for this operating system.<br><br>*Action:* Contact our support. |
| 20 (0x00014) | The license has expired.<br><br>*Action:* Contact our support. |
| 21 (0x00015) | The license file could not be found.<br><br>*Action:* Contact our support. |
| 22 (0x00016) | The license key is invalid.<br><br>*Action:* Contact our support. |
| 23 (0x00017) | The license is for a different version of the product.<br><br>*Action:* Contact our support. |
| 24 (0x00018) | The license is not for this product.<br><br>*Action:* Contact our support. |
| 25 (0x00019) | The ISN of a record read from a partition or the ISN of a record stored using an `N1` command is too large.<br><br>*Action:* Check the settings for the Adabas file to ensure that the ISN values cannot exceed the highest value defined for the partition in SYSAVI. |

**Response 250**

**Origin** Mainframe and open systems

**Explanation** On mainframe systems, the ACBX (ACBX) failed validation. The following subcodes are possible:

| Subcode | Meaning |
|---|---|
| 1 | Unsupported ACBX version |
| 2 | ADACBX provided without UBE. |
| 3 | ACBX file number > 65,535. |
| 4 | Reserved field not zero. |
| 5 | ACBX length incorrect |

On open systems, a requested function is not yet implemented.

**Action**

On mainframe systems, if subcode 3 occurs, notify our support. If any of the other subcodes occur, correct the ACBX specification and rerun.

On open systems, wait for a later version of Adabas.

**Response 251**

**Origin**

Mainframe and open systems

**Explanation**

On mainframe systems, an error occurred in Adabas cluster processing. Under certain conditions, the Adabas cluster SVC (SVCCLU) component of the ADASVC returns response code 251 in the ACB's response code field, along with a hexadecimal subcode (listed below in decimal) in the low-order (rightmost) two bytes of the Additions 2 field. In the case of an ACBX, the ADASVC returns response code 251 in the ACBX's Response Code (ACBXRSP) field and the subcode in the Error Subcode (ACBXERRC) field.

- If the local SVCCLU detects the condition, the subcode will range from 2 through 30.
- If a remote SVCCLU detects the condition, it will range from 102 through 130.

**Note:** If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB), or the ACBXERRC or ACBXSUBR field (in the ACBX), may contain the ID of the Entire Net-Work node that issued or received this response code.

| Subcode | Meaning |
|---|---|
| 2 | The remote cluster nucleus to which the user is assigned cannot be accessed. |
| 4 | There are no user table entries (UTEs) available for use. |
| 5 | Internal error. The nucleus specified by an internal command was not found. |
| 7 | Internal error. The user was assigned to a remote nucleus by the local system but the remote system found that the nucleus was not active. |
| 9 | Internal error. The 28-byte user ID is all zeros. |
| 17 | Entire Net-Work is not active. |
| 19 | Internal error. Invalid internal command code. |
| 20 | Remote nuclei are active; command must be assigned remotely but the remote nuclei are not accepting commands. |

| Subcode | Meaning |
|---|---|
| 21 | The remote image to which the user is assigned has no usable nuclei. |
| 22 | An attempt was made to assign a user remotely but Entire Net-Work is not active. |
| 25 | No system image target |
| 26 | System image target changed |
| 27 | Internal error. |
| 28 | Version mismatch between the PLXCB and the SVCCLU part of the ADASVC. |
| 29 | Probably, you used a NUCID value from a restricted range. Otherwise, this is an internal error.<br><br>*Action:* Ensure that the NUCID assignments are valid. |
| 30 | More than 32 NUCIDs were detected for the same SVC/DBID combination.<br><br>*Action:* Reduce the number of NUCIDs on the SVC/DBID to 32. |
| 41 | An invalid PLXCB dataspace ALET was detected during command initiation. The PLXCB is unusable. The ALET has been removed from the IDTH prefix. |
| 45 | An invalid PLXCB dataspace ALET was detected during command completion. The PLXCB is unusable. The ALET has been removed from the IDTH prefix. |
| 43 | An invalid PLXCB dataspace header was detected. The PLXCB is unusable. The ALET has been removed from the IDTH prefix. |
| 44 | A program check occurred while using the PLXCB dataspace ALET. The PLXCB is unusable. The ALET has been removed from the IDTH prefix. Under z/OS a software LOGREC (EREP) record was created. |
| 51 | All open nuclei on this node have reached the maximum number of users and are not accepting additional new users. |

On open systems, an invalid utility call - versions conflict occurred.

**Action**

For internal errors on mainframe systems, contact our support. For all other mainframe errors except as noted, contact your systems administrator.

On open systems, check whether the utilities and database nuclei are of the same version. Contact our support for assistance.

**Response 252**

**Origin**

Mainframe and open systems

**Explanation**

On mainframe systems, an error occurred during Adabas SVC processing (post error).

**Note:** If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB), or the ACBXERRC or ACBXSUBR field (in the ACBX), may contain the ID of the Entire Net-Work node that issued or received this response code.

On open systems, an invalid subroutine call - coding error occurred. This response may also be returned on setting the Entire Net-Work timeout via Adaset Timeout if Entire Net-Work is not correctly installed.

**Action** For open systems, contact our support.

**Response 253**

**Origin** Mainframe and open systems

**Explanation** On mainframe systems, an error occurred processing a buffer.

**Note:** If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB), or the ACBXERRC or ACBXSUBR field (in the ACBX), may contain the ID of the Entire Net-Work node that issued or received this response code.

The following subcodes are possible:

| Subcode | Meaning |
|---|---|
| 0 | Buffer length 0 (ACB user only) |
| 1 | Format buffer address zero |
| 2 | Record buffer address zero |
| 3 | Search buffer address zero |
| 4 | Value buffer address zero |
| 5 | ISN buffer address zero |
| 6 | User information buffer address zero |
| 7 | Performance buffer address zero |
| 8 | Multifetch buffer address zero |
| 9 | Unsupported ABD buffer type |
| 10 | Attached buffer overrun |
| 11 | Unsupported ABD version |
| 12 | ACBX not accepted by target |
| 13 | Unable to convert ACBX to ACB |
| 14 | ALET value not permitted |
| 15 | Unable to process 64-bit buffer address |
| 16 | Invalid buffer location indicator |
| 17 | Logic error locating ABD |
| 18 | More than 65,535 ABDs of any single type. |
| 19 | Reserved field not zero |
| 20 | ADABDX length incorrect |

| Subcode | Meaning |
|---|---|
| 1xx | An error occurred attempting to allocate a Pause Element. The subcode is 100 (decimal) added to the return code from the z/OS IEAVAPE service.<br><br>*Action:* Refer to IBM z/OS documentation for IEAVAPE for an explanation of its return code. Contact your our support representative for assistance. |
| 2xx | An error occurred attempting to pause using a Pause Element. The subcode is 200 (decimal) added to the return code from the z/OS IEAVPSE service.<br><br>*Action:* Refer to IBM z/OS documentation for IEAVPSE for an explanation of its return code. Contact your our support representative for assistance. |

On open systems, the system file is not loaded or inconsistent.

**Action**

For mainframe systems, subcodes 10 and 17 are internal logic errors; notify your our support representative. For all other subcodes, correct the buffer specification error and rerun.

On open systems, check the system files by running ADAVFY.

**Response 254**

**Origin**

Mainframe systems only

**Explanation**

A validation error occurred during command completion processing while attempting to return results to the caller.

One of the following has occurred:

- An internal error occurred during processing of an attached buffer (buffer overflow)
- The CT parameter limit was exceeded. Message ADAM93 (or a similar message) is printed or displayed on the console.

  If the CT parameter limit was exceeded, the nucleus terminated the user, generated the equivalent of a BT command internally, released the CQE and attached buffer space, and issued ADAM93 (or a similar message).

  If the user was not terminated, the subcode in the right-most two bytes of the ACB's Additions 2 field or the subcode in the ACBX's Error Subcode (ACBXERRC) field describes the failed validity check.
- If you are running with Entire System Server, the TIME parameter limit was exceeded. Message ADAM93 (or a similar message) displays on the console.

**Note:** If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB), or the ACBXERRC or ACBXSUBR field (in the ACBX), may contain the ID of the Entire Net-Work node that issued or received this response code.

| Subcode | Meaning |
|---|---|
| 1 | UBCQEX is less than or equal to zero |
| 2 | UBCQEX is greater than CQHNCQES |
| 3 | CQEFLAG is not equal to CQEFAB plus CQEFW16 |
| 4 | CQEAUB is not equal to A'UB |
| 5 | CQEAUPL is not equal to A'APL |
| 6 | The low-order 6 bytes of CQECKSUM does not equal UBCKSUM |
| 7 | CQE was timed out |
| 8 | An inconsistency in the CQE such as the following:<br>■ The CQE was unexpectedly taken by another call .<br>■ The user buffer (UB) is not receiving expected user information.<br>■ The target move data length is inconsistent. |
| 9 | Record buffer overflow |
| 10 | ISN buffer overflow |
| 11 | Inconsistent format buffer length |
| 12 | Inconsistent search buffer length |
| 13 | Inconsistent value buffer length |
| 14 | Inconsistent user buffer length |
| 15 | Invalid attached buffer ABD index (internal logic error) |
| 16 | Buffer overflow; see ACBXERRD and ACBXERRE |

**Action** Ensure that the caller's control structures and parameters are not altered while the command is being processed. If you are unable to resolve the error, notify your our support representative.

**Response 255**

**Origin** Mainframe and open systems

**Explanation** On mainframe systems, all attached buffers were allocated at the time the command was processed. Buffer allocation "high water marks" may not reflect this condition when no buffer allocation occurs.

**Note:** A Response 255 may also be issued by Entire Net-Work and in these circumstances the leftmost two bytes of the Additions 2 field (in the ACB), or the ACBXERRC or ACBXSUBR field (in the ACBX), may contain the ID of the Entire Net-Work node that issued or received this response code.

On open systems, the Adabas command could not be processed because not enough Adabas nucleus or operating system resources are available. The value in the first two bytes of the Additions 2 field indicates the reason (2-byte binary format).

**Action**

On open systems, perform the following actions, based on the subcode:

| Subcode | Action |
|---|---|
| 1 | No space is available for the attached buffers. Increase the LAB (length of attached buffers) parameter. |
| 2 | No space is available in the client ID table. Increase the NCL (number of client threads) parameter. |
| 3 | Message queue generation failed. Increase the corresponding operating system parameters (please refer to the Adabas open systems installation documentation for further information). |
| 4-6 | An internal error occurred; an unexpected response code was received from a system function. Contact our support. |
| 7 (only with ADALNKX) | The ADAMPLNK executable could not be loaded. Make this module available. |
| 8 | No space is available for extended attached buffers. Increase the value of the LABX (length of extended attached buffers) parameter. |

# VII SNA Sense Codes

# 10 SNA Sense Codes

| Code | Explanation |
|---|---|
| 082D | LU busy. |
| 1801 | Resource not available. |
| 2001 | Sequence numbering out of sequence after VTAM ABEND:<br>/DADM PNET,vr,VARY,INACT,siehost,siegat<br>/DADM PNET,vr,VARY,ACT,siehost,siegat |

# VIII

# 11 Our Licensing Messages

The messages in this document may be produced by Software GmbH mainframe license processing or when using the license utility, LICUTIL.

| | |
|---|---|
| **MLC1001** | **CPU-ID {cpuid} is not defined in your product license** |
| **Explanation** | The CPU ID listed in the message (*cpuid*) is not defined in your product license. Either your license file is invalid or you have attempted to run the mainframe product on a machine for which it is not licensed. |
| **Action** | Install and run the product on the machine for which it is licensed. If the problem persists, contact your sales representative for assistance. |

| | |
|---|---|
| **MLC1002** | **LPAR name {lparname} is not defined in your product license** |
| **Explanation** | The LPAR name listed in the message (*lparname*) is not defined in your product license. Either your license file is invalid or you have attempted to run the mainframe product on a machine for which it is not licensed. |
| **Action** | Install and run the product on the machine for which it is licensed. If the problem persists, contact your sales representative for assistance. |

| | |
|---|---|
| **MLC1003** | **Machine capacity {value} higher than MSUs in your product license** |
| **Explanation** | The machine or the partition capacity (*value*) of the CEC or LPAR respectively on which you have attempted to install and run the mainframe product exceeds the capacity allowed in your product license. Either your license file is invalid or you have attempted to run the mainframe product on a machine for which it is not licensed. |
| **Action** | Contact your sales representative for assistance. |

| | |
|---|---|
| **MLC1004** | **The product license will expire on {date}** |
| **Explanation** | This warning message provides the date (YYYY/MM/DD) when the license will expire for this mainframe product. The product cannot be started with the current product license after this date. For example, an expiration date of 2018/09/05 indicates that you can still work on 2018/09/05 until 23:59 (local time) but need a new license from the next day (2018/09/06). |
| **Action** | No action is required for this warning message. However, you should contact your sales representative to obtain an updated license soon. |

| | |
|---|---|
| **MLC1005** | **We assume CPU-ID {cpuid} as your DR or DR testing environment** |
| **Explanation** | The CPU ID listed in the message (*cpuid*) is not defined in your product license. Therefore, we assume that you are running in a disaster recovery environment. |
| **Action** | If you are running in a disaster recovery environment, no action is required for this warning message. If you are not running in a disaster recovery environment, contact your sales representative to obtain an updated license. |

| | |
|---|---|
| **MLC2001** | **The product license is invalid** |
| **Explanation** | Your product license is invalid. |
| **Action** | Contact your sales representative for assistance. |

| | |
|---|---|
| **MLC2002** | **The product license key is invalid** |
| **Explanation** | The license file for the mainframe product is invalid. |
| **Action** | Verify that the license file was transferred correctly to the mainframe host and that it is still in ASCII format. If the problem persists, contact your sales representative for assistance. |

| | |
|---|---|
| **MLC2003** | **The product license is not for {value}** |
| **Explanation** | The license file for the mainframe product is not for the operating system (OS), product code, or product version listed in the message (*value*). |
| **Action** | Use the correct license file. If the problem persists, contact your sales representative for assistance. |

| | |
|---|---|
| **MLC2004** | **The product license has expired on {date}** |
| **Explanation** | The product license has expired. The date (YYYY/MM/DD) it expired is given in the message (*date*). |
| **Action** | Contact your sales representative for assistance. |

**MLC2005** **Tag missing in product license: {tagname}**

**Explanation** The tag with the name listed in the message (*tagname*) is missing in your product license.

**Action** Contact your sales representative for assistance.

**MLC2006** **Invalid tag value in product license: {tagname}**

**Explanation** The value of the tag with the name listed in the message (*tagname*) is invalid in your product license.

**Action** Contact your sales representative for assistance.

**MLC2007** **Current CPU-ID not found for product license check**

**Explanation** The CPU ID of the CPU on which the product license check was run is not found in the license file.

**Action** Contact your sales representative for assistance.

**MLC2008** **The number of MSU values in the product license is incorrect**

**Explanation** The machine capacity covered by the product license is incorrect.

**Action** Contact your sales representative for assistance.

**MLC2009** **ExtendedRights setting {value} not allowed under this system**

**Explanation** The ExtendedRights setting listed in the message (*value*) is not supported by your system.

**Action** Contact your sales representative for assistance.

**MLC2010** **Soft capping is not allowed with ExtendedRights {value}**

**Explanation** Your product license does not allow soft capping with the ExtendedRights setting listed in the message (*value*).

**Action** Contact your sales representative for assistance.

**MLC2011** **Defined hardware class in the license exceeded {value}**

**Explanation** The hardware class (PriceQuantity) in your product license is too small for the current machine (*value*).

**Action** Contact your sales representative for assistance.

| | |
|---|---|
| **MLC2012** | **The number of zIIPs ({value}) exceeds the license definition** |
| **Explanation** | The number of zIIP processors in the current machine exceeds the number of zIIPs (PriceQuantity) in your product license. |
| **Action** | Contact your sales representative for assistance. |

| | |
|---|---|
| **MLC2013** | **The number of zIIP values in the product license is incorrect** |
| **Explanation** | The number of zIIP values (zIIPs) in your product license does not match with the number of LPAR values (LPARs). |
| **Action** | Contact your sales representative for assistance. |

| | |
|---|---|
| **MLC3001** | **Invalid LCPCB length** |
| **Explanation** | The license check routine has been incorrectly called. |
| **Action** | Contact your support representative for assistance. |

| | |
|---|---|
| **MLC3002** | **Work area too small** |
| **Explanation** | The size of the work area for the license check routine is too small. |
| **Action** | Contact your support representative for assistance. |

| | |
|---|---|
| **MLC3003** | **Invalid function code** |
| **Explanation** | The license check routine has been incorrectly called. |
| **Action** | Contact your support representative for assistance. |

| | |
|---|---|
| **MLC3004** | **Invalid operating system** |
| **Explanation** | The ID of the operating system passed through the license check routine is invalid. |
| **Action** | Contact your support representative for assistance. |

| | |
|---|---|
| **MLC3005** | **Invalid product code** |
| **Explanation** | The product code passed through the license check routine is invalid. |
| **Action** | Contact your support representative for assistance. |

| | |
|---|---|
| **MLC3006** | **Invalid product version** |
| **Explanation** | The product version passed through the license check routine is not numeric. |
| **Action** | Contact your support representative for assistance. |

**MLC3007** **Invalid current date**

**Explanation** The current date passed through the license check routine is invalid. The date must be in the format *yyyy-mm-dd*. The dash (-) delimiters are not checked but the numbers must be a valid year, month and day, respectively.

**Action** Contact your support representative for assistance.

**MLC3008** **Tag not found**

**Explanation** The license check routine cannot find the requested XML tag.

**Action** Contact your support representative for assistance.

**MLC3009** **Component Id tag not found**

**Explanation** The license check routine cannot find the XML tag `Component Id`.

**Action** Contact your support representative for assistance.

**MLC3010** **Invalid search tag**

**Explanation** The XML search tag requested by the license check routine is invalid.

**Action** Contact your support representative for assistance.

**MLC3011** **Insufficient I/O area size**

**Explanation** The size of the I/O area for the license check routine is too small.

**Action** Contact your support representative for assistance.

**MLC3012** **Output record length too small**

**Explanation** The length of the output record for the license check routine is too small.

**Action** Contact your support representative for assistance.

**MLC3013** **Error message text not found**

**Explanation** The license check routine cannot find the text that belongs to the requested error message.

**Action** Contact your support representative for assistance.

**MLC3014** **Too many errors occurred**

**Explanation** The license check routine detected too many errors. Some messages are lost.

**Action** Contact your support representative for assistance.

**MLC9001** **License exceeds maximum size of 8000**

**Explanation** Your license file is too large.

**Action** Contact your sales representative for assistance.

**MLC9002** **Error opening license file input**

**Explanation** An error occurred during an attempt to open the license file input.

**Action** Investigate the cause of the error, paying special attention to the corresponding error messages produced by the operating system. Contact your sales or support representative for assistance.

**MLC9003** **Error reading license file input**

**Explanation** An error occurred during an attempt to read the license file input.

**Action** Investigate the cause of the error, paying special attention to the corresponding error messages produced by the operating system. Contact your sales or support representative for assistance.

**MLC9004** **Error opening license file assembler output**

**Explanation** An error occurred during an attempt to open the license file assembler output.

**Action** Investigate the cause of the error, paying special attention to the corresponding error messages produced by the operating system. Contact your sales or support representative for assistance.

**MLC9005** **Error writing license file assembler output**

**Explanation** An error occurred during an attempt to write the license file assembler output.

**Action** Investigate the cause of the error, paying special attention to the corresponding error messages produced by the operating system. Contact your sales or support representative for assistance.

**MLC9006** **License converted to assembler output records written to output file**

**Explanation** The license file was successfully converted to an assembler source module. Output records were written to the output file.

**Action** No action is required for this informational message.

**MLC9007** **Error loading license module {modulename} {errorcode}**

**Explanation** The LOADLIC function (z/OS only) tried to load a license module from the load library and received an error (*errorcode*) from the operating system.

**Action** Correct the LICUTIL input, removing duplicate LICUTIL function calls. Check that the license module (*modulename*) is in the load library, that the correct library is referenced in the JCL, and that the module name is specified correctly in the LOADLIC statement (case sensitive, a blank between LOADLIC and *modulename*).

**MLC9010** **LOADLIC can only be issued once, before any DISPLAY, CHECK, MAKE or READ**

**Explanation** The LOADLIC function (z/OS only) can only be performed once per LICUTIL session. LOADLIC must not be preceded by the DISPLAY, CHECK or READ function. These functions can only locate the license module *after* the LOADLIC.

**Action** Correct the LICUTIL input, removing duplicate LICUTIL function calls. Change the call order so that the LOADLIC precedes any DISPLAY, CHECK or READ.

# IX Universal Encoding System (UES) Component Error Codes

# 12 Universal Encoding System (UES) Component Error Codes


- Conversion Service Errors (ICS) ..... 326
- COX* Universal Encoding System Conversion (UES) Errors ..... 326

This chapter describes error codes issued by Adabas UES components and listed in other Adabas error messages.

## Conversion Service Errors (ICS)

The following table describes the error codes that might be produced by the Conversion Service (ICS) component of Adabas UES code.

| Error Code | Description |
|---|---|
| 10 | Error in conversion call |
| 54 | Conversion of Invalid character |
| 55 | Conversion buffer overflow |
| 110 | Translate buffer overflow |

## COX* Universal Encoding System Conversion (UES) Errors

**COX01I** **ADACOX exit V{v.r.1} {date} active**

**Explanation** Informational message showing the version and assembly date of the ADACOX module.

**COX02I** **ADACOX converting {source} to {target}**

**Explanation** Informational message indicating that conversions from source to target will be done by ADACOX.

**COX03I** **ADACOX {source} to {target} count {number} AVG {time (usec)}**

**Explanation** Informational message at session termination. This message is output only if ADACOX has performed conversions between source and target encodings. *number* shows the number of conversions and time the average time for conversion in microseconds.

# X User Abend Codes

# 13 User Abend Codes

The following decimal abend (abnormal end) codes occur in various Adabas modules as detailed below.

When message ADAM99 appears, both the system and nucleus abend codes are presented in hexadecimal. In this case, you must first change the nucleus abend code to decimal before looking up the description here.

Most abend codes (except 20) result from errors that normally require assistance from your Adabas support technical representative. If abend codes 23 or 24 occur, save the Work data set. For all abend codes, save any dumps and note any messages or other indications that the system issues. Advise your Adabas technical support representative of the error.



**Note:** Entire Net-Work issues only the abend code 253 to indicate an abnormal termination occurred. The abend (abnormal end) codes described in this chapter are issued primarily by Adabas modules operating with Entire Net-Work. Specific information related to an error is given in the messages written to the print data set.

| Code | Module | Explanation |
|---|---|---|
| 15 | (nucleus) | Workpool too small to execute session autorestart. |
| 16 | (nucleus) | DTP=RM: Two-phase commit logic error. |
| 17 | (nucleus) | DTP=RM: Work-part-4 overflow. |
| 19 | (nucleus) | DTP=RM: Two-phase commit logic error. |
| 20 | (nucleus) | Error during system startup (refer to descriptions of nucleus startup errors in *Adabas Messages and Codes*). |
| 21 | (nucleus) | I/O error during asynchronous buffer flush (Asso/Data/Work/PLOG). |
| 22 | (nucleus) | I/O error on sequential PLOG and PLOGRQ=YES/FORCE in effect. |
| 23 | (nucleus) | WORK overflow. |
| 24 | (nucleus) | Autostart canceled - protection area inconsistent. |
| 25 | (nucleus) | Logical I/O error: Adabas was unable to track one or more I/O operations). |

| Code | Module | Explanation |
|---|---|---|
| 26 | (nucleus) | Adabas session canceled by operator command. |
| 27 | (nucleus) | Session ended due to work pool space problems. |
| 28 | (nucleus) | Nucleus problem during an asynchronous buffer flush. |
| 29 | (nucleus) | Adabas Transaction Manager (ATM) initialization failed. Review the console messages for further information about the error. |
| 30 | (nucleus) | Adabas Transaction Manager (ATM) interface error. |
| 31 | (nucleus) | Insufficient workpool space for only active command. |
| 32 | (nucleus) | Internal error processing search algorithm 3 command. |
| 33 | (nucleus) | Logic error during file number validation. |
| 33 | ADARAC | Recovery Aid logic error. |
| 34 | utilities | Abnormal termination with dump. |
| 35 | utilities | Abnormal termination without dump. |
| 36 | utilities | I/O error occurred while writing to DDDRUCK or DDPRINT. Check JCL. |
| 37 | (nucleus) | ET post logic error. |
| 38 | (nucleus) | Unexpected response code for internal command. |
| 39 | (nucleus) | Fatal internal response code occurred during asynchronous buffer flush. |
| 40 | (nucleus) | Getmain failure early during session start. |
| 40 | ADACOM | Fatal error during ADACOM processing (cluster environments). |
| 41 | ADADSFN | Fatal error during Delta Save Facility processing. |
| 42 | (nucleus) | A security violation occurred at startup. |
| 43 | (nucleus) | Logic error in command selection (freeze table). |
| 44 | (nucleus) | Logic error in an FST write or an online process. |
| 45 | (nucleus) | Logic error in asynchronous buffer flush by volume (with ASYTVS=YES). |
| 46 | (nucleus) | Logic error in the buffer pool manager. |
| 47 | (nucleus) | Logic error in thread management. |
| 48 | (nucleus) | Logic error in ADANCX (cluster environments). |
| 49 | (nucleus) | General internal error (various reasons). |
| 50 | (nucleus) | Logic error in SRB code (Adabas Cluster Services). |
| 51 | (nucleus) | Logic error in dynamic Work access. |
| 52 | (nucleus) | STCK clock not running. |
| 53 | (nucleus) | Logic error in global hold queue element lock handling. |
| 54 | (nucleus) | Logic error in global file lock handling. |
| 55 | ADACLU | Fatal error during ADACLU processing (cluster environments). |
| 56 | (nucleus) | Logic error in ET synchronization process. |
| 57 | (nucleus) | Unexpected error during online recovery. |
| 58 | (nucleus) | Error in protection record bookkeeping. |

| Code | Module | Explanation |
|---|---|---|
| 59 | (nucleus) | Logic error during large object (LB) processing. |
| 60 | (nucleus) | Unique descriptor update logic error. |
| 61 | (nucleus) | Logic error in system field update. |
| 63 | (auditing) | Logic error in auditing processing. |
| 65 | (replication) | Fatal error related to replication processing. |
| 66 | (replication) | Logic error in initial-state processing. |
| 67 | (auditing or replication) | Logic error in SLOG handling. |
| 70 | (nucleus) | Parallel Services nucleus canceled by peer nucleus. |
| 71 | (nucleus) | Logic error or bad data in protection data area extension on Work data set. |
| 72 | (nucleus) | Logic error in protection data publishing. |
| 79 | (nucleus) | Uncorrectable intracluster communication failure. |
| 80 | (nucleus) | Logic error in update tracking. |
| 82 | (nucleus) | Logic error in file activity bookkeeping. |
| 83 | (nucleus) | Logic error in extended MU/PE handling. |
| 84 | (nucleus) | Logic error in spanned record handling. |
| 85 | (nucleus) | Logic error in spanned record read-lock handling. |
| 86 | (nucleus) | Logic error in Adabas Fastpath multifetch processing. |
| 87 | (nucleus) | Logic error in multiple buffers. |
| 89 | (nucleus) | Logic error during global update command synchronization. |
| 90 | (nucleus) | Logic error when updating a compressed record. |
| 91 | (nucleus) | Internal error. |
| 92 | (nucleus) | Logic error during increase of an address converter extent. |
| 93 | (nucleus) | Logic error when processing an online function. |
| 94 | (nucleus) | Logic error in special descriptor decompression. |
| 95 | (nucleus) | Logic error during AAD, AA handling. |
| 96 | (nucleus) | Logic error in command selection. |
| 108 | ADATRA | Failure to load and install the trace module. |
| 109 | ADAZIP | Fatal error related to the execution of Adabas code on a System z Integrated Information Processor (zIIP). |
| 245 | ADAMPM | Error locating ADAIOR in ESTAE recovery routine. |
| 247 | ADAMPM | Unsuccessful ESTAE. |
| 248 | ADAMPM | Invalid operating system or RMODE. If the nucleus is running AMODE 31, then RMODE 24 was not set for at least one Adabas module other than ADALNK. |
| 249 | ADAMPM | Invalid function. |
| 252 | ADAIOS | Unrecoverable subtask abend. See the ADAM90 message description. |

| Code | Module | Explanation |
|---|---|---|
| 253 | ADAMPM | Nonrecoverable abend. See the ADAM99 message description in *Adabas Messages and Codes*. |
| 254 | ADAMPM | Invalid function in abnormal termination exit. |
| 255 | ADAMPM | Invalid function. |
| 485 | ADALCO | Unsupported function. |
| | ADALNI | |
| | ADALNK | |
| 486 | ADASVC | Invalid PCR04 call. |
| 487 | ADASVC | Caller specified an unknown or invalid target. This is possibly caused by restarting an already active target using FORCE=YES. |
| 488 | ADASVC | Invalid PCR16 call. |
| 489 | ADASVC | Invalid 48-call parameters. |
| 490 | ADASVC | Target ID table may only be changed by a communicator. |
| 491 | ADASVC | SVC 12-call without 16-call required. |
| 493 | ADASVC | Invalid 00-call parameters. |
| 494 | ADASVC | Caller not authorized. |
| 496 | ADASVC | No IDT. |
| 497 | ADASVC | Invalid function. |
| 498 | ADALCO | Invalid UB. |
| | ADALNI | |
| | ADALNK | |
| 499 | ADALCO | Length of user info less than zero. |
| | ADALNI | |
| | ADALNK | |
| 500 | ADALNI | Error in link initialization routine. |
| 501 | ADALCO | Incorrect router version. |
| | ADALNI | |
| | ADALNK | |
| 502 | ADALCO | User exit before-call increased length of user info. |
| | ADALNI | |
| | ADALNK | |
| 515 | ADAIOS | Storage allocation processing error. |
| 516 | ADAIOS | I/O event completion processing error. |
| 517 | ADAIOS | Unexpected I/O response code. |
| 519 | ADAIOS | I/O control block allocation error. |
| 545 | ADAIOS | Storage error building I/O parameters. |
| 547 | ADAIOS | z/OS level unsupported. |

| Code | Module | Explanation |
|---|---|---|
| 548 | ADAIOS | Unsupported disk device type. |
| 549 | ADAIOS | Error removing event control block from list. |
| 550 | ADAIOS | Operator command processing error. |
| 551 | ADAIOS | I/O control block error. |
| 560 | ADAIOS | Maximum blocks/track > minimum, global sequential block size too large or invalid event count. |
| 561 | ADAIOS | Error processing events. |
| 577 | ADACICS | User exit before-call increased length of user info. |
| 580 | ADACICS | Length of user info less than 0 or greater than 32K. |
| 581 | ADACICS | Incorrect router version. |
| 582 | ADACICS | Invalid UB. |
| 583 | ADAIOS | Error initializing operator communications. |
| 584 | ADACICS | Unsupported function. |
| 619 | ADACICS | Invalid SVC number in link routine. |
| 620 | ADAIOS | Error processing call to ADAIOR. |
| 621 | ADAIOS | Internal error during ADAIOR initialization. |
| 628 | ADAIOS | Storage allocation error during initialization. |
| 636 | LNCSTUB | CICS TWA not available. |
| 637 | LNCSTUB | CICS request failed. |
| 643 | ADACICS | Communications area invalid. |
| 645 | ADACICS | Error processing wait request. |
| 649 | ACITMZ | CICS TWA not present or too short. |
| | ADACICS | |
| 652 | ADACICS | Invalid parameter list. |
| | ADALCO | |
| | ADALNI | |
| | ADALNK | |
| 653 | ADACICS | Error processing wait request. |
| 656 | ADALNI | An internal error occurred when the IMS link routine attempted to set the value for the *userid* (the last eight bytes of the 28-byte Adabas communication ID). If this user abend occurs, contact your our support representative and provide a dump including the registers at time of the abend. |
| 657 | ADACICS | Dynamic SVC lookup table missing. |
| | ADALCO | |
| | ADALNI | |
| | ADALNK | |

| Code | Module | Explanation |
|---|---|---|
| 658 | ADACICS | LNKUES module not available to ADALNK. |
| | ADALCO | |
| | ADALNI | |
| | ADALNK | |
| 659 | ADASVC | PC routine invoked by invalid caller. |
| 661 | ADASVC | Name/Token service error. |
| 663 | LNCSTUB | DCI initialization failed. |
| 664 | ADASVC | SVC incompatible with install program. |
| 665 | ADASVC | Invalid SVC caller. |
| 666 | ADASVC | Invalid AB deallocation length. |
| 667 | ADASVC | Unsupported z/OS release or missing CPU features. |
| 668 | ADACICS | A syncpoint operation was triggered by an Adabas command, but the user's communication ID was not known. |
| 669 | ADASVC | Shared 64-bit recovery routine manager error. |
| 670 | ADACICS | The CICS EXTRACT command used to obtain the Adabas Task Related User Exit (TRUE) global work area failed. The CICS environment is not correctly established.<br><br>Refer to the ADAK* installation messages issued during CICS start-up to see if there are any messages relating to an unsuccessful installation. |
| 672 | ADASVC | IDT extension not provided. Possible incorrect version of ADASIR. |
| 673 | ADASVC | Invalid PCRCLU caller. |
| 674 | ADALNI | An Adabas call using the ACBX has been made, but the link routine did not detect a valid reentrancy token in the parameter list. |
| | ADALNK | |
| 675 | ADACICS | ADL consistency exit not linked. |
| 676 | ADALNI | The work area passed to an Adabas link routine in the direct call was invalid or the attempt to obtain storage for the work area failed. |
| | ADALNK | |
| 677 | ADACICT | CICS GETMAIN for a UB failed. |
| 678 | ADALCO | The Adabas link routine could not find the address of a link global table, either because it was not linked with the Adabas link routine or because an attempt to load the link globals table failed. |
| | ADALNI | |
| | ADALNK | |
| 679 | ADATMZ | Invalid header. |
| 680 | ACITMZ | Unable to obtain work area. |
| | ADATMZ | |
| 681 | ADACICS | Insufficient SAF authorization to issue a CICS EXTRACT EXIT command. Ensure that all users of the Adabas link module have UPDATE access to the EXITPROGRAM CICS command resource identifier. |
| 682 | ADACICS | TRUE name cannot be located. |

| Code | Module | Explanation |
|---|---|---|
| 683 | ADALNI | Wait on multiple events not supported. |
| | ADALNK | |
| 687 | ADAIOS | Error queuing parallel request. |
| 688 | ADAIOS | Error during a switch from SRB to TCB mode when Adabas is zIIP-enabled. |
| 689 | ADAIOS | Error during a switch from TCB to SRB mode when Adabas is zIIP-enabled. |
| 690 | ADAIOS | A call has been issued in SRB mode, but Adabas is not zIIP-enabled. |
| 691 | ADAIOS | Error leaving or joining enclave. |
| 692 | ADAIOS | Dataset allocation error. |
| 701 | ACITMZ | Invalid ADANAME parameter. |
| 703 | ACITMZ | Invalid TMZ header. |
| 800 | NETSIP/OS | Invalid operating system detected - not z/OS. |
| 801 | NETSIP/OS | Parameter error detected. |
| 802 | NETSIP/OS | Addressing or residency mode, authorization error or operating system is not a virtual machine guest. |
| 803 | NETSIP/OS | Error detected during program loading or validation. |
| 804 | NETSIP/OS | Space allocation failure. |
| 806 | NETSIP/OS | NETSIR initialization failed. |

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# 14 AAF* - Adabas SAF Security Messages

**AAF001** **Unable to load required modules**

**Explanation** A required module could not be loaded. Operation terminates with an abend U0042.

**Action** Check that all required modules are available.

**AAF002** **Unable to allocate required storage**

**Explanation** There is insufficient memory available for ADASAF to operate. Operation terminates with an abend U0042.

**Action** Increase the amount of memory (above the 16-megabyte line) available to the failing job.

**AAF003** **dbid Unable to allocate NRS storage**

**Explanation** ADASAF needs approximately 2KB of memory below the 16-megabyte line. If the memory is not available at initialization (or after a `newcopy` operator command), ADASAF issues this message and operation terminates.

**Action** Ensure that enough memory is available.

**AAF004** **dbid Module xxxxxxxx not loaded**

**Explanation** The indicated module could not be loaded during initialization or during the `newcopy` operator command. If the module is required (rather than optional), operation terminates.

**Action** Ensure that the module is available.

**AAF005** **dbid Invalid parameters detected**

**Explanation** One or more invalid parameters were specified in DDSAF. Operation terminates.

**Action** Correct the invalid parameters.

**AAF006** **dbid Allocation of user file cache failed**

**Explanation** ADASAF allocates a user file cache above the 16-megabyte line. If the storage is not available at initialization (or after a `newcopy` operator command), ADASAF issues this message and operation terminates.

**Action** Ensure that enough storage is available or reduce the `MAXFILES` parameter (this may adversely affect performance).

**AAF007** **dbid INPUT PARAMETER**

**Explanation** ADASAF echoes the parameters read from DDSAF for information and auditing purposes.

**Action** None.

**AAF008** **dbid Invalid parameter: INPUT PARAMETER**

**Explanation** ADASAF detected incorrect input in DDSAF. AAF008 is issued for each invalid parameter found and is followed by message AAF005.

**Action** Correct the invalid parameter.

**AAF009** **dbid Allocation of Password/Cipher Code cache failed**

**Explanation** There is insufficient storage available above the 16-megabyte line to allocate the table. Each entry requires 16 bytes and the table has a 32-byte header. Operation terminates.

**Action** Ensure that enough storage is available.

**AAF010** **dbid Password/Cipher Code cache too small - increase MAXPC**

**Explanation** ADASAF found more passwords and/or cipher codes in RACF than it could store in its table. Operation terminates.

**Action** Increase the `MAXPCC` parameter.

**AAF011** **dbid Error extracting Passwords/Cipher Codes from RACF**

**Explanation** ADASAF could not extract passwords and cipher codes from RACF. Operation terminates.

**Action** Check that you have specified the correct resource class and entity name format. Activate tracing and check for any errors or warnings. Check the system log for RACF messages.

**AAF012** **dbid Adabas SAF VX.X.X is active in XXXX mode**

**Explanation** ADASAF has successfully initialized in FAIL or WARN mode, as indicated by XXXX.

**Action** None.

**AAF013** **dbid Nucleus Administration (DBADMIN) is active in XXXX mode**

**Explanation** The DBADMIN configuration parameter is set to Y enabling nucleus administration function security in FAIL or WARN mode, as indicated by XXXX

**Action** None.

**AAF015** **dbid Newcopy of Configuration module failed**

**Explanation** After a `newcopy` operator command, ADASAF was unable to reload SAFCFG. Operation terminates.

**Action** This error occurs only if there is a shortage of storage or the module SAFCFG was deleted from the load library after initialization. Determine which of these is the case and correct it.

**AAF016** **dbid Newcopy reinitialization failed**

**Explanation** This message appears after a failure during `newcopy` processing. It should be accompanied by a more detailed error message specifying the nature of the failure.

**Action** Take the action recommended by the accompanying message.

**AAF017** **dbid Not APF authorized**

**Explanation** ADASAF must run APF-authorized. Operation terminates.

**Action** Check that all STEPLIBs are in the APF list and that ADARUN is linked with `AC(1)`.

**AAF018** **dbid No security details for job JOBNAME**

**Explanation** This message appears when an unsecured Adabas call is received from the indicated job.

**Action** The most likely cause is an installation error, either of the Adabas Router security extensions or of the Adabas link module.

**AAF019** **dbid ADASAF initialization error(s) - Nucleus will terminate**

**Explanation** This message appears after an initialization error and is preceded by a more specific error message.

**Action** Take the action recommended by the accompanying message.

**AAF020** **dbid Unable to add ADASAF Smart Management PIN**

**Explanation** This message appears during initialization if ADASAF fails to activate its Adabas Error Handling interface.

**Action** None. ADASAF continues, with its Error Handling interface disabled.

**AAF021** **dbid NOTOKEN is set - calls from unsecured clients are allowed**

**Explanation** The configuration option `NOTOKEN` has been activated. No security checks will be performed for unsecured mainframe clients.

**Action** None.

**AAF022** **dbid Incompatible Configuration module detected**

**Explanation** ADASAF has detected an incompatible Configuration module. The nucleus session terminates.

**Action** Ensure that the Configuration module is created using the macros supplied with the version of ADASAF you wish to use.

**AAF023** **dbid Invalid xxxx parameter returned by ADASAFX2**

**Explanation** Your password/cipher code exit has returned incorrect data, as indicated by xxxx:

- type: the returned code type was neither password nor cipher code
- code: no password/cipher code was returned
- file: no file number was returned

The nucleus session terminates.

**Action** Correct your exit.

**AAF024** **ADASAF installation error: SAFPMAC not linked REUSable**

**Explanation** ADASAF cannot initialize because the module SAFPMAC has not been linked with the `REUS` attribute. The nucleus session terminates.

**Action** Ensure that SAFPMAC is linked `REUS,NORENT`.

**AAF028** **dbid SAF Kernel initialization error - Nucleus will terminate**

**Explanation** The SAF Kernel could not initialize for some reason (indicated by a SEFMxxx message preceding the AAF028 message). The Adabas nucleus terminates.

**Action** Correct the problem which prevents the SAF Kernel from initializing (for example, increase region size or modify SAFCFG options) and restart the Adabas nucleus.

**AAF029** **dbid No access to {XXXXXXXX / resource-name}**

**Explanation** The job security check at start up has failed. The job abends U0042. *XXXXXXXX* and *resource-name* show the resource class and resource name against which the check was made.

**Action** Check that the security class and resource name are correct and that they have been defined to the external security system, with the appropriate access permissions.

**AAF030** **dbid Incompatible version of SAFKRN detected**

**Explanation** The SAFKRN module in use by this nucleus or daemon is not compatible with this version of Adabas SAF Security.

**Action** Ensure that you use the correct version of the Adabas Limited libraries, as documented in the Installation Prerequisites section Adabas Limited Library.

**AAF031** **dbid Utility execution permitted because FAILUTI=NO**

**Explanation** An Adabas utility security check failed. However, the utility is allowed to execute because the SAFCFG FAILUTI parameter is set to NO.

**Action** None.

**AAF032** **dbid Ignoring invalid SAFTRT**

**Explanation** A site defined translation table SAFTRT has been detected which does not begin with the eye-catcher “SAFTRT” and is therefore determined to be invalid. The default internal translation table will be used instead.

**Action** Check the SAFTRT assembly and ensure the site defined translation table is of the correct format. Refer to the sample SAFTRT member supplied on Adabas Limited source library for the correct format.

**AAF033** **dbid Incompatible version of SAFPSEC detected**

**Explanation** The SAFPSEC module in use by this nucleus or daemon is not compatible with the currently installed version of Adabas SAF Security.

**Action** Ensure that you use the correct version of the Adabas Limited libraries, as documented in the “Adabas Limited Library” section of the “Software Prerequisites” section of the Adabas SAF Security Installation.

**AAF034** **dbid SNEWCOPY in progress – operator command ignored**

**Explanation** Adabas SAF Security operator commands are ignored while newcopy processing is in progress.

**Action** Wait a while and issue the operator command again.

**AAF036** **dbid UTI value and utility version incompatible. Default to UTI=1**

**Explanation** The utility version is not compatible with a UTI configuration parameter value greater than 1. The current setting is overridden with the default value of 1.

**Action** None.

**AAF037** **dbid XXXXXXXX version not supported**

**Explanation** The version of the grouping table indicated by XXXXXXXX is not compatible with the version of Adabas SAF Security.

**Action** Assemble a grouping table that is compatible with the version of Adabas SAF Security.

**AAF038** **dbid No access to the following resource for class {XXXXXXXX}:{ resource-name}**

**Explanation** The security check made when starting a utility with SAFCFG parameter `UTI>1` has failed. The job abends U0042. *XXXXXXXX* and *resource-name* show the resource class and resource name against which the check was made.

**Action** Check that the security class and resource name are correct and that they have been defined to the external security system, with the appropriate access permissions.

**AAF041** **dbid Incompatible version of ADAPOP detected. Terminating.**

**Explanation** This message indicates that Adabas SAF Security is operating under Entire Net-Work, however the version of ADAPOP is not compatible for this type of operation.

**Action** Refer to the Installation section of the SAF Security Kernel (Adabas for Mainframes > SAF Security Kernel > Installation) for information regarding the necessary prerequisites for the correct operation of Adabas SAF Security under Entire Net-Work.

**AAF042** **dbid Signal listeners requested but incompatible runtime**

**Explanation** This message indicates that signal listeners have been requested by configuration but there is an incompatibility between the Adabas SAF Security and the Adabas Limited Library (WAL) runtimes. The job continues to run, but without any active ENF Signal listeners.

**Action** Ensure Adabas SAF Security is at least version 8.4 SP1, and the Adabas Limited Library (WAL) is at least version 8.5 SP4 Patch level 1.

**AAF044** **dbid Starting signal listener termination after SNEWCOPY**

**Explanation** This message indicates that Adabas SAF Security has detected that ENF Signal listeners are no longer required after a `SNEWCOPY` and has started the termination process.

**Action** None. This message is informational.

**AAF045** **dbid Unable to allocate required memory for signal listeners**

**Explanation** This message indicates that Adabas SAF Security has been unable to allocate the memory required to activate the ENF Signal listeners. The job continues to run, but without any active ENF Signal listeners.

**Action** Review the `REGION` size and restart the job.

**AAF046** **dbid Unable to terminate signal listeners. Please try later**

**Explanation** COR Daemon only. This message indicates that Adabas SAF Security in the daemon has been unable to cleanly terminate the ENF Signal listeners in response to a `SSIGTERM` command. The ENF Signal listeners are asynchronous processes that were likely busy at the time of termination.

**Action** Retry the `SSIGTERM` command at a later time.

**AAF101** **SAF VIOLATION**

**Explanation** The operator command is not permitted for this Adabas nucleus.

**Action** Review operator command security definitions for this Adabas nucleus.

**AAF102** **NO ADAEOPTB**

**Explanation** ADAEOPTB (operator command grouping table) is in use but does not contain an entry for this operator command.

**Action** Ensure the operator command was entered correctly. Review the contents of ADAEOPTB and add this command if necessary.

**AAF103** **AAF NOT FOUND**

**Explanation** ADAEOPV could not locate the Adabas SAF Security load module.

**Action** Review the Adabas SAF Security installation and ensure that it is active in this Adabas nucleus.

# 15 SAF Return Codes

ADASAF and the SAF Security Kernel display an eight-byte code containing various return and reason codes from SAF. This information is shown in a number of messages denoted "SSSSSSSS".

The SAF and ADASAF return codes contains the following structure:

| Position Within Message Code | Information Content |
|---|---|
| Byte: 1 | SAF return code (R15 after RACROUTE) |
| Byte: 2 | Function code (see section *SAF Internal Function Codes*) |
| Byte: 3 | RACROUTE return code |
| Byte: 4 | RACROUTE reason code |
| Byte: 5-8 | Internal reason code |

The SAF trace messages written to DDPRINT, when GWMSGL is not 0, include the first four bytes of the following information, printed as eight hexadecimal digits. The ADASAF trace messages include the first four bytes of the following information, also printed as eight hexadecimal digits:

| Position Within Trace Message | Information Content |
|---|---|
| Digits 1 and 2 | SAF return code (R15 after RACROUTE) |
| Digits 3 and 4 | Function code (see section *SAF Internal Function Codes*) |
| Digits 5 and 6 | RACROUTE return code |
| Digits 7 and 8 | RACROUTE reason code |

Refer to the *IBM Security Server RACROUTE Macro Reference* manual for a thorough explanation of all possible return/reason codes. CA-Top Secret and CA-ACF2 can provide different return code values in some circumstances.

# 16 SAF Internal Function Codes

SAF Security Kernel and ADASAF internal function codes include:

| Function Code (Hex) | Description |
|---|---|
| 00 | Authorize Natural Library |
| 04 | Authorize Adabas access |
| 08 | Authorize SYSMAIN function |
| 0C | Authorize Natural system files |
| 10 | Authorize Natural program execution |
| 14 | Authorize Broker service |
| 18 | Authorize Entire Net-Work access (Net-Work SAF Security) or Adabas cross-level access (Adabas SAF Security) or RPC execution (Natural SAF Security). |
| 1C | Authorize SQL Server access |
| 44 or 6C | Authenticate user |

# 17 AAS* - Adabas Administration Services Messages

**AAS0001I** **Processing ADABAS v6.3 only**

**Explanation** Adabas Administration Services is processing Adabas 6.3 databases only.

**Action** No action is required for this informational message.

**AAS0002I** **Processing ADABAS v6.4 only**

**Explanation** Adabas Administration Services is processing Adabas 6.4 databases only.

**Action** No action is required for this informational message.

**AAS0003I** **Unable to load the AIF library rc={respcode}**

**Explanation** Adabas Administration Services was unable to load the required AIF library. The response code from the attempt is given in the message.

**Action** Review the meaning of the response code to identify and resolve the problem. If the problem persists, contact your technical support representative.

**AAS0004I** **Unable to identify Adabas path and load the AIF library**

**Explanation** Adabas Administration Services was unable to identify the Adabas database location and load the AIF library.

**Action** Contact your technical support representative for assistance.

**AAS0005I** **Adabas Path={path}**

**Explanation** Adabas Administration Services located the Adabas database at the path identified in the message.

**Action** No action is required for this informational message.

| | |
|---|---|
| **AAS0006I** | **Adabas Administration Service for {platform} is initializing on {date}** |
| **Explanation** | Adabas Administration Services is initializing. The platform on which it is initializing and the date are given in the message. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **AAS0007I** | **Product Information : Version={version} Patch Level={number}** |
| **Explanation** | This message displays general information about the installed Adabas Administration Services. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **AAS0009I** | **Total Service Requests {count}** |
| **Explanation** | This message provides the total number of requests made to the service. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **AAS0010I** | **Process Resources: FSIZE ({d}/{d}) NOFILE ({d}/{d})** |
| **Explanation** | This message provides information to technical support. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **AAS0011I** | **Total Direct Clients {count}** |
| **Explanation** | This message provides the total number of direct clients connected to the service. |
| **Action** | No action is required for this informational message. |

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|---|---|
| **AAS012I** | **Total Relayed Clients {count}** |
| **Explanation** | This message provides the total number of relayed clients connected to the Kernel. |
| **Action** | No action is required for this informational message. |

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|---|---|
| **AAS0013I** | **Period time {n}h.{n}m.{n}s** |
| **Explanation** | This message provides the length of time the service has been running. |
| **Action** | No action is required for this informational message. |

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|---|---|
| **AAS0014I** | **Administration Messages {count}** |
| **Explanation** | This message provides the total number of administration messages made to the service. |
| **Action** | No action is required for this informational message. |

**AAS0015I** **e-Business Communication Errors {count}**

**Explanation** This message provides the total number of communication errors that occurred with the service.

**Action** No action is required for this informational message.

**AAS0016I** **Total Service Replies {count}**

**Explanation** This message provides the total number of replies made by the service.

**Action** No action is required for this informational message.

**AAS0017I** **Total Service Input Bytes {count}**

**Explanation** This message provides the total number of bytes input to the service.

**Action** No action is required for this informational message.

**AAS0018I** **Adabas Administration Service initialization complete**

**Explanation** Adabas Administration Services has initialized successfully.

**Action** No action is required for this informational message.

**AAS0019I** **Total Service Output Bytes {count}**

**Explanation** This message provides the total number of bytes output by the service.

**Action** No action is required for this informational message.

**AAS0020I** **ADABAS Version={v.r.s.m}**

**Explanation** This message identifies the version of the Adabas database.

**Action** No action is required for this informational message.

**AAS0021I** **Unable to find ADABAS 6.3 registry RGS rc={resp-code}**

**Explanation** Adabas Administration Services was unable to locate the Adabas 6.3 registry. The response code from the attempt is given in the message.

**Action** Review the response code to determine what the problem is and how to repair it. Contact your technical support representative if you need assistance.

**AAS0022I** **Unable to determine the ADABAS version**

**Explanation** Adabas Administration Services was unable to determine the Adabas version.

**Action** No action is required for this informational message.

**AAS0023I** **Disconnection notified by remote Service={service name}**

**Explanation** The remote service listed in the message has successfully disconnected. The reference number (*ref-num*) given in the message is for internal Software GmbH use only.

**Action** No action is required for this informational message.

**AAS0024I** **This log file is being closed by {user-name}**

**Explanation** The log file is being closed by a user of the System Management Hub or the NETSTOP utilities. A new *net-work.log* file is being created.

**Action** No action is required for this informational message.

**AAS0025I** **DBID={dbid} is now registered on the local service**

**Explanation** An Adabas database with the identified database number is now registered on the local service.

**Action** No action is required for this informational message.

**AAS0026I** **DBID={dbid} no longer registered on the local service**

**Explanation** The Adabas database with the identified database ID is no longer registered with the local service.

**Action** No action is required for this informational message.

**AAS0027I** **ADABAS Version mismatch; expected {version1} found {version2}**

**Explanation** Adabas Administration Services encountered a mismatch between the expected Adabas version and the actual Adabas version.

**Action** No action is required for this informational message.

**AAS0028I** **Immediate disconnection of DBID={dbid}**

**Explanation** The identified database has indicated an immediate disconnection.

**Action** No action is required for this informational message.

**AAS0029I** **DBID={dbid} is now connected to the local service**

**Explanation** The identified e-business Adabas database is now active on the local service.

**Action** No action is required for this informational message.

**AAS030I** **Information from Internal Transport Subsystem: {info}**

**Explanation** Information from the internal transport subsystem used by Adabas Administration Services is provided in this message.

**Action** No action is required for this informational message.

**AAS0032I** **Total CPU Time since started {n}h.{n}m.{n}s**

**Explanation** This message provides the total CPU time that occurred since the SERVICE started.

**Action** No action is required for this informational message.

**AAS0035I** **Adabas Administration Service Name={name}**

**Explanation** The name of the Adabas Administration Services is given in the message.

**Action** No action is required for this informational message.

**AAS0037I** **Service={servicename}**

**Explanation** This message identifies the name of the service

**Action** No action is required for this informational message.

**AAS0038I** **Nodes {count}**

**Explanation** This message provides the number of nodes that the service knows about.

**Action** No action is required for this informational message.

**AAS0039I** **Connected Nodes Count {count}**

**Explanation** This message provides the number of nodes to which the service is connected.

**Action** No action is required for this informational message.

**AAS0040I** ************Periodic statistical data report************

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report.

**Action** No action is required for this informational message.

**AAS0041I** **Current Direct Clients {count}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report. It displays the number of current direct clients connected to this service.

**Action** No action is required for this informational message.

**AAS0042I** **Current Relayed Clients {count}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report. It displays the number of current relayed clients connected to this service.

**Action** No action is required for this informational message.

**AAS0043I** **Total Memory Allocations {count}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report.

**Action** No action is required for this informational message.

**AAS0044I** **Total Memory Frees {count}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report.

**Action** No action is required for this informational message.

**AAS0045I** **Databases {count}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report.

**Action** No action is required for this informational message.

**AAS0046I** **Active Databases {count}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report.

**Action** No action is required for this informational message.

**AAS0047I** **Local Adabas calls {count}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report.

**Action** No action is required for this informational message.

**AAS0048I** **Host Counter {count}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report. It displays the number of hosts connected to this service.

**Action** No action is required for this informational message.

**AAS0049I** **Number of Work Units Processed {count}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report.

**Action** No action is required for this informational message.

**AAS0056I** **Messages Processed {count}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report.

**Action** No action is required for this informational message.

**AAS0057I** **Ping Counter {count}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report. It displays the number of pings to this service.

**Action** No action is required for this informational message.

**AAS0058I** **Contexts Processed {count}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report. It displays the number of contexts processed by the service.

**Action** No action is required for this informational message.

**AAS0059I** **Contexts Active {count}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report. It displays the number of active contexts.

**Action** No action is required for this informational message.

**AAS0060I** **Service Inbound Requests/Sec{rate}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report. It displays the rate (requests per second) at which inbound requests have been processed by the service.

**Action** No action is required for this informational message.

**AAS0061I** **Service Outbound Requests/Sec {rate}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report. It displays the rate (requests per second) at which outbound requests have been processed by the service.

**Action** No action is required for this informational message.

**AAS0062I** **Service Inbound Data Rate (b/s) {rate}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report. It displays the rate (bytes per second) at which inbound data has been processed by the service.

**Action** No action is required for this informational message.

**AAS0063I** **Service Outbound Data Rate (b/s) {rate}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report. It displays the rate (bytes per second) at which outbound data has been processed by the service.

**Action** No action is required for this informational message.

**AAS0064I** **Database Requests/Second {rate}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report.

**Action** No action is required for this informational message.

**AAS0065I** **Database Replies/Second {rate}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report.

**Action** No action is required for this informational message.

**AAS0066I** **Database Request Data Rate (b/s) {rate}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report.

**Action** No action is required for this informational message.

**AAS0067I** **Database Reply Data Rate (b/s) {rate}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report.

**Action** No action is required for this informational message.

**AAS0068I** **Percentage of CPU Usage {count}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report.

**Action** No action is required for this informational message.

**AAS0069I** **Time since started {hh:mm:ss}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report.

**Action** No action is required for this informational message.

**AAS0071I** **Thread {thread-number} Work Units Completed {count}**

**Explanation** This message is one of many messages that comprise the Periodic Statistical Data Report.

**Action** No action is required for this informational message.

**AAS0072I** **Disconnection indication from DBID={dbid}**

**Explanation** The identified database has indicated an immediate disconnection.

**Action** No action is required for this informational message.

**AAS0073I** **Current CPU usage {value}**

**Explanation** The current CPU usage is shown in the message.

**Action** No action is required for this informational message.

**AAS0074I** **Disconnection from Service={servicename}**

**Explanation** An attempt to disconnect from a service occurred.

**Action** No action is required for this informational message.

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|---|---|
| **AAS0075I** | **Outbound connection to Service={servicename}** |
| **Explanation** | An outbound connection exists for the service listed in the message. |
| **Action** | No action is required for this informational message. |

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|---|---|
| **AAS0076I** | **Outbound connection to Service={servicename} failed rc={rsp}** |
| **Explanation** | The outbound connection for the service listed in the message failed. The response code from the attempt is also given in the message. |
| **Action** | Make sure the node of the outbound connection is up and that its parameters are configured correctly. Then refresh the service connections, restarting it if necessary to do so. |

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|---|---|
| **AAS0077I** | **Service listening on TCPIP port={portnum}** |
| **Explanation** | A service is listening on the TCP/IP port listed in the message. |
| **Action** | No action is required for this informational message. |

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|---|---|
| **AAS0078I** | **Service listening on SSL port={portnum}** |
| **Explanation** | A service is listening on the SSL port listed in the message. |
| **Action** | No action is required for this informational message. |

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|---|---|
| **AAS0079I** | **SMH server listening on TCPIP port={portnum}** |
| **Explanation** | The SMH server is listening on the TCP/IP port listed in the message. |
| **Action** | No action is required for this informational message. |

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|---|---|
| **AAS0080I** | **DBID={dbid} has now started on the local service** |
| **Explanation** | The identified database is now active on the local service and can now be accessed. |
| **Action** | No action is required for this informational message. |

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|---|---|
| **AAS0081I** | **Local DBID={dbid} is no longer available** |
| **Explanation** | The identified database has been deactivated on the local node and is therefore no longer available to any clients. |
| **Action** | No action is required for this informational message. |

**AAS083I** **Shutdown request received from {agent}**

**Explanation** A shutdown request for Adabas Administration Services has been received.

**Action** No action is required for this informational message.

**AAS084I** **Signal value={signal}**

**Explanation** The UNIX signal value is given in the message.

**Action** No action is required for this informational message.

**AAS0085E** **e-Business server failed with error={number}**

**Explanation** The message indicates that the service failed. An error number is provided in the message.

**Action** Contact your technical support representative for assistance.

**AAS0086I** **Periodic ping of classic node={node-name} took {nnnn} milliseconds**

**Explanation** As the result of a periodic heartbeat operations, this classic node was sent a ping message to check its connection path. The classic node replied within the time indicated.

**Action** No action is required for this informational message.

**AAS0087I** **Periodic ping of DBID={dbid} took {nnnn} milliseconds**

**Explanation** As the result of a periodic "heartbeat" operation, this database was sent a "PING" message to check its availability. The database replied within the time indicated.

**Action** No action is required for this informational message.

**AAS0088I** **Continuation of previous log file, renamed to {netxxxxx.log}**

**Explanation** The log file is renamed to *netxxxxx.log*, where *xxxxx* is a number. This message appears as the first line on a continuation log file.

**Action** No action is required for this informational message.

**AAS0089I** **e-Business server incoming connection**

**Explanation** An incoming service connection is described in the message. The reference number (*ref-num*) listed in the message is for internal Software GmbH use only.

**Action** No action is required for this informational message.

**AAS0090I** **e-Business server is now connected to {nodename}**

**Explanation** The identified server is now connected to the local node. The reference number (*ref-num*) listed in the message is for internal Software GmbH use only.

**Action** No action is required for this informational message.

**AAS0091I** **Servers {nnnnnnnn}**

**Explanation** This message is part of the periodic statistical data report.

**Action** None. This message is informational only.

**AAS0092I** **Service={servicename} is registered**

**Explanation** The identified service is now accessible from the local node.

**Action** None. This message is informational only.

**AAS0093I** **Immediate disconnection from Service={servicename}**

**Explanation** An immediate disconnection for the named service occurred. The reference number (*ref-num*) given in the message is for internal Software GmbH use only.

**Action** No action is required for this informational message.

**AAS0094I** **Command Parameter={num} {value}**

**Explanation** The setting of a user command parameter is given in the message.

**Action** No action is required for this informational message.

**AAS0097I** **Listening for clients on TCPIP port={portnum}**

**Explanation** This message identifies the TCP/IP port number on which the services is listening for clients.

**Action** No action is required for this informational message

**AAS0098I** **Listening for clients on SSL port={portnum}**

**Explanation** This message identifies the SSL port number on which the services is listening for clients.

**Action** No action is required for this informational message

**AAS0099I** **Adabas Administration Service is terminating**

**Explanation** The Adabas Administration Services is terminating.

**Action** No action is required for this informational message.

**AAS0102W** **No outbound connections defined for this configuration**

**Explanation** No outbound connections have been defined for this configuration.

**Action** No action is required for this warning message.

**AAS0103W** **Adabas Context={context} DBID={dbid} Deleted**

**Explanation** The Adabas context listed in the message has been deleted for the database listed in the message.

**Action** No action is required for this warning message.

**AAS0104W** **Remote access for WCP services has been disabled**

**Explanation** Remote access to Entire Net-Work open system services has been disabled.

**Action** No action is required for this warning message.

**AAS0105W** **Remote access for WCL services has been disabled**

**Explanation** Remote access for Entire Net-Work Client services has been disabled.

**Action** No action is required for this warning message.

**AAS0106W** **Remote access for ART services has been disabled**

**Explanation** Remote access for Event Replicator Target Adapter services has been disabled.

**Action** No action is required for this warning message.

**AAS0108W** **Adabas Context={context} DBID={dbid} Owners={id} Set for deletion**

**Explanation** The Adabas context listed in the message for the database and owners listed in the message is scheduled for deletion.

**Action** No action is required for this warning message.

**AAS0109W** **Local DBID={dbid} starting, but previous location was remote**

**Explanation** A database has started on the local node; however, this database ID was previously used by another database on a remote node.

**Action** This indicates a configuration error that needs to be corrected.

**AAS0111I** **Trace level set to {trclevel} by SMH user**

**Explanation** The trace level has been reset by a System Management Hub (SMH) user. The new trace level is given in the message.

**Action** No action is required for this informational message.

**AAS0112I** **Ping request received from the user; Target={target ID} Length={length} Count={number}**

**Explanation** A user has requested a PING operation to the target ID identified in the message. PINGs are used to test the integrity of a remote connection to the path to a database.

**Action** No action is required for this informational message.

**AAS0113I** **Start new log file requested by the user**

**Explanation** A user has requested that the current logging file be closed and a new log file started.

**Action** No action is required for this informational message.

**AAS0114W** **No directory information for {server-ID}**

**Explanation** An internal error occurred for a service. It was not possible to create the definitions for a database to allow it to be accessed by clients.

**Action** Restart the service.

**AAS0115W** **Unidentified database ping reply received**

**Explanation** A PING message was received for which there was no PING request. This indicates that a logical messages sequencing failure occurred at a remote database.

**Action** If the error persists, restart the remote database.

**AAS0116W** **Calling DBID={dbid} failed rc={rc-code}**

**Explanation** Following a connection by a database (message AAS0029I), the service tried to send a simple Adabas command to the database to test the integrity of the communications path. This test failed. The database is not registered at the local node nor is it broadcast to other nodes. This error normally results from a failure to provide an XTSaccess URL for the database in the Directory Server. The Adabas response code from the connection attempt is given in the message. For complete information on Adabas response codes, refer to the *Adabas Messages and Codes Manual*.

**Action** Verify that you have provided an XTSaccess URL for the database in the Directory Server and try again.

**AAS0117W** **DBID={dbid} is now connected as e-business**

**Explanation** An Adabas database has connected previously as a classic or local database, disconnected, and is now being connected as an e-business database. This may be intentional or it may be a configuration error.

**Action** No action is required for this informational message.

**AAS0118W** **DBID={dbid} issued an e-business disconnection**

**Explanation** A database was originally connected as a classic or local database, but an e-business disconnection was received.

The database is not disconnected.

**Action** If the error persists, contact your technical support representative.

**AAS0119W** **Duplicate URL={url} for target={targetid} in the Directory Server**

**Explanation** A duplicate URL has been found for a target definition in the Directory Server. The URL and the target ID are given in the message.

**Action** No action is required for this warning message.

**AAS0120W** **URL={url} for Target={targetid} has a syntax error**

**Explanation** A syntax error was discovered in the URL for a target definition in the Directory Server. The URL and the target ID are given in the message.

**Action** No action is required for this warning message.

**AAS0121I** **ClientId={client-id} Host={host-id} Port={portnum} connected; Current Clients={count}**

**Explanation** This message indicates that an incoming client connection was made and identifies the client ID, the host ID, the port number, and the number of current active client connections.

**Action** No action is required for this informational message.

**AAS0122I** **ClientId={client-id} disconnected; Current Clients={count}**

**Explanation** This message indicates that an client connection was dropped and identifies the client ID and the number of current client connections.

**Action** No action is required for this informational message.

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| **AAS0123W** | **Service not defined** |
| **Explanation** | A service definition has not been defined in this Adabas Administration Services implementation. |
| **Action** | No action is required for this informational message. |

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|---|---|
| **AAS0125W** | **Client Access not defined** |
| **Explanation** | A client access definition has not been defined in this Adabas Administration Services implementation. |
| **Action** | No action is required for this informational message. |

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|---|---|
| **AAS0127I** | **Listening Port={port}** |
| **Explanation** | The listening port is given in the message. |
| **Action** | No action is required for this informational message. |

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|---|---|
| **AAS0128I** | **Listening Port={port}** |
| **Explanation** | The listening port is given in the message. |
| **Action** | No action is required for this informational message. |

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|---|---|
| **AAS0131I** | **ClientId={client-id} Relaying to DBID={dbid}** |
| **Explanation** | The client named in the message is relaying data to the Adabas database identified in the message. |
| **Action** | No action is required for this informational message. |

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|---|---|
| **AAS0132I** | **ClientId={client-id} Local Calls to DBID={dbid}** |
| **Explanation** | The client named in the message is making local calls to the Adabas database identified in the message. |
| **Action** | No action is required for this informational message. |

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|---|---|
| **AAS0133I** | **ClientId={client-id} Host={hostname} Port={port} is a privileged client={client-id} Current Clients={count}** |
| **Explanation** | The client on the host machine and port number listed in the message is a privileged client. |
| **Action** | No action is required for this informational message. |

**AAS0150I** **Service {servicename} connected via remote Service={servicename} reference={refnum}**

**Explanation** A service-to-service connection has occurred.

If a service was started as a Windows service and subsequently shut down by means of the Services Control Panel, this informational message is added to the log.

**Action** No action is required for this informational message.

**AAS0151I** **DBID={dbid} connected via remote Service={servicename} reference={refnum}**

**Explanation** A service-to-service connection has occurred and databases known to the remote service are now known to both.

**Action** No action is required for this informational message.

**AAS0156I** **DBID={dbid} rejected for traffic relay**

**Explanation** A database was rejected for traffic relay, as defined by the service filter settings. The service will not process requests for the database with the database ID given in the message.

**Action** No action is required for this informational message.

**AAS0158I** **DBID={dbid} verified and active reference={refnum}**

**Explanation** During the periodic check of its known connections, the service has verified that its connection to the database listed in the message is valid and active.

**Action** No action is required for this informational message.

**AAS0159I** **DBID={dbid} rejected by filter**

**Explanation** A e-business database was rejected by a filter, as defined by the service filter settings. The service will not process requests for the database with the database ID given in the message.

**Action** No action is required for this informational message.

**AAS0163I** **Adabas={dbid} has been started**

**Explanation** The database listed in the message has been started.

**Action** No action is required for this informational message.

**AAS0164I** **Adabas={dbid} has been stopped**

**Explanation** The database listed in the message has been stopped.

**Action** No action is required for this informational message.

**AAS0203E** **Connection from {node} rejected by filters; node in the rejected list**

**Explanation** An attempt to connect by the node referenced in the message was rejected by filters. The node is included in the rejected filter list.

**Action** No action is necessary unless you want a connection by the node to be accepted. If you do, adjust the parameters on the Service Filters panel in SMH.

**AAS0208E** **Unexpected error in registering database={dbid} rc={rsp}**

**Explanation** An unexpected error has occurred while registering the identified database; the return code is provided.

**Action** Take corrective action as indicated by the following internal transport subsystem message.

**AAS0209E** **Connection from {node} rejected by filters; node not in the accepted list**

**Explanation** An attempt to connect by the node referenced in the message was rejected by filters. The node is *not* included in the accepted filter list.

**Action** No action is necessary unless you want a connection by the node to be accepted. If you do, adjust the parameters on the Service Filters panel in SMH.

**AAS0210E** **ClientId={client-id} Host={host} Port={port} rejected; Host not accepted by filter**

**Explanation** The client on the host machine and port listed in the message has been rejected because the host machine is not accepted by the filter settings.

**Action** No action is necessary unless you want a connection to be accepted. If you do, adjust the parameters on the Service Filters panel in SMH.

**AAS0211E** **e-Business database connecting with an invalid DBID={dbid}**

**Explanation** An e-business database has connected to the service but has indicated a database number that is not in the valid range of 0 - 65535.

**Action** Change the database ID to the valid range.

**AAS0212E** **Unsolicited connection attempt from {node} being rejected**

**Explanation** A node with an unknown node name attempted to connect to the service while the SECURE parameter was set to ON.

**Action** Define the node to Adabas Administration Services.

**AAS0213E** **Host={hostname} not accepted by filter**

**Explanation** The host machine listed in the message is not accepted by the filter settings.

**Action** No action is necessary unless you want a connection to the host machine to be accepted. If you do, adjust the parameters on the Service Filters panel in SMH.

**AAS0215E** **ART callback routine rc={rsp}**

**Explanation** An error occurred in the Event Replicator Target Adapter callback routine. The response code is given in the message.

**Action** Contact your technical support representative.

**AAS0216E** **AAS callback routine rc={rsp}**

**Explanation** An error occurred in the Adabas Administration Services callback routine. The response code is given in the message.

**Action** Contact your technical support representative.

**AAS0217E** **WCP callback routine rc={rsp}**

**Explanation** An error occurred in the Entire Net-Work LUW callback routine. The response code is given in the message.

**Action** Contact your technical support representative.

**AAS0218E** **AAS callback routine rc={rsp}**

**Explanation** An error occurred in the Adabas Administration Services callback routine. The response code is given in the message.

**Action** Contact your technical support representative.

**AAS0219E** **Relay callback routine for ClientId={client-id} DBID={dbid} zero length message**

**Explanation** A zero length message was received during a relay routine.

**Action** If the problem persists, contact your our support representative.

**AAS0220E** **Local database started with an invalid identifier={dbid}**

**Explanation** A local database has started with an ID of less than 1 or greater than 65535. The startup is being ignored and the database is inaccessible from this service.

**Action** Check the database configuration files.

**AAS0221E** **Local database is starting with a conflicting DBID={dbid}**

**Explanation** A local database has started with an ID that is already in use by another database known to this service. The duplicate will be ignored.

**Action** This indicated a configuration error that needs to be corrected.

**AAS0223E** **Unexpected error in registering Service={servicename} rc={rsp}**

**Explanation** An internal error occurred registeringAdabas Administration Services. The response code is given in the message.

**Action** Contact your technical support representative for assistance.

**AAS0228E** **Adabas call to DBID={dbid} failed rc={rsp}**

**Explanation** An internal failure occurred during an Adabas call to a database. The database referenced in the Adabas call and the return code from the call are given in the message.

**Action** Verify that the Adabas call is valid for the database. If the problem persists, contact your our support representative.

**AAS0229E** **Adabas ACBX call to DBID={dbid} failed rc={rsp} acbxrc={acbxrc} acbxerrc={acbxerrc}**

**Explanation** An internal failure occurred during an Adabas ACBX call to a database. The database referenced in the Adabas call, the return code from the call, the extended Adabas control block (ACBX) return code, and the ACBX error code are given in the message.

**Action** Verify that the Adabas call is valid for the database. If the problem persists, contact your our support representative.

**AAS0230E** **Adabas ACBX call to DBID={dbid} failed OP not secure acbxrc={acbxrc} acbxerrc={acbxerrc}**

**Explanation** An internal failure occurred during an Adabas ACBX call to a database because the OP command was not secure. The database referenced in the Adabas call, the extended Adabas control block (ACBX) return code, and the ACBX error code are given in the message.

**Action** Verify that the Adabas call is valid for the database. If the problem persists, contact your our support representative.

**AAS0231E** **Adabas ACBX call to DBID={dbid} failed No valid OP cmd acbxrc={acbxrc} acbxerrc={acbxerrc}**

**Explanation** An internal failure occurred during an Adabas ACBX call to a database because the OP command was not valid. The database referenced in the Adabas call, the extended Adabas control block (ACBX) return code, and the ACBX error code are given in the message.

**Action** Verify that the Adabas call is valid for the database. If the problem persists, contact your our support representative.

**AAS0232E** **Invalid e-Business DBID={dbid}; disconnecting ....**

**Explanation** An invalid Adabas DBID was encountered. Connections to the database are disconnected.

**Action** If the error persists, contact your technical support representative.

**AAS0233E** **Unknown e-business DBID={dbid}; disconnected ...**

**Explanation** An unknown Adabas DBID was encountered and is disconnected.

**Action** If the error persists, contact your technical support representative.

**AAS0235E** **Unknown e-business Server={server-id}**

**Explanation** An unknown server (identified in the message) was encountered.

**Action** If the error persists, contact your technical support representative.

**AAS0237E** **Unable to spawn a new process for {xxxx}**

**Explanation** The UNIX system is overloaded and will not allow the creation of new processes.

**Action** Contact your technical support representative.

**AAS0238E** **Syntax error in URL={url} for target={target-id}**

**Explanation** A syntax error occurred during Adabas Administration Services processing. The URL in error and the target ID for the URL are given in the message. This error can occur if manual updates to URL connection information are attempted.

**Action** Contact your technical support representative for assistance.

**AAS0239E** **EBZProxy callback routine for ClientId={client-id} DBID={dbid} completion rc={code}**

**Explanation** A proxy error occurred. The client ID, database ID, and the return code from the attempt are given in the message.

**Action** Make sure the proxy nodes are all up and configured correctly. If the problem persists, contact your our support representative for assistance.

**AAS0240E** **EBZServer callback routine for ClientId={client-id} DBID={dbid} completion rc={code}**

**Explanation** An Adabas Administration Services error occurred. The client ID, database ID and the return code from the attempt are given in the message.

**Action** Make sure the Adabas Administration Services nodes are all up and configured correctly. If the problem persists, contact your our support representative for assistance.

**AAS0241E** **EBZClient callback routine for ClientId={client-id} DBID={dbid} completion rc={code}**

**Explanation** An Adabas Administration Services error occurred. The client ID, database ID and the return code from the attempt are given in the message.

**Action** Make sure the Adabas Administration Services nodes are all up and configured correctly. If the problem persists, contact your our support representative for assistance.

**AAS0242E** **Failed to relay request to ClientId={client-id} DBID={dbid} rc={code}**

**Explanation** An attempt to relay a request to a database failed. The database ID and the return code from the attempt are given in the message.

**Action** Make sure the Adabas Administration Services nodes and the database in question are all up and configured correctly. If the problem persists, contact your our support representative for assistance.

**AAS0243E** **ACBX request for Classic DBID={dbid} is not supported**

**Explanation** An attempt to make an Adabas ACBX call to a classic (pre-Version 6 on open systems or pre-Version 8 on mainframe systems) Adabas database was made. ACBX calls are only allowed against Adabas 8 (or later) databases.

**Action** Resolve the error (either run the ACBX call against a valid database or change the call to an ACB call) and try again.

**AAS0245E** **DBID={dbid} is invalid; request rejected**

**Explanation** A request was made to an invalid database.

**Action** Correct the database specification and try again.

**AAS0246E** **DBID={dbid} is inactive; request rejected**

**Explanation** A request was made to an inactive Adabas database.

**Action** Start the Adabas database and try again.

**AAS0247E** **DBID={dbid} Invalid or deleted context={context-id}; request rejected**

**Explanation** A communication error occurred. The request is rejected. The database ID of the database to which the request was directed is given in the message.

**Action** Verify that all connections and the database in question are up and configured correctly. If the problem persists, contact your our support representative for assistance.

**AAS0248E** **Outbound connection failure; unknown target**

**Explanation** An outbound connection was attempted but failed because the target could not be identified..

**Action** Verify that all connections are up and configured correctly. If the problem persists, contact your our support representative for assistance.

**AAS0249E** **Invalid DBID={dbid}, no corresponding Service defined**

**Explanation** A communication error occurred. The request is rejected. The database ID of the database to which the request was directed is given in the message.

**Action** Verify that all connections and the database in question are up and configured correctly. If the problem persists, contact your our support representative for assistance.

**AAS0251E** **Unknown request ClientId={client-id} DBID={dbid}, disconnecting ...**

**Explanation** An unknown client request was encountered. The client ID and Adabas database ID are given in the message.

**Action** Verify that all connections are up and configured correctly. If the problem persists, contact your our support representative for assistance.

**AAS0252E** **ClientId={client-id} Host={hostname} Port={port} rejected; The Number of client connections cannot exceed={count}**

**Explanation** A client request was not processed because the number client connections has been exceeded. The client ID, host name, port number, and maximum number of client connections are given in the message.

**Action** Verify that the maximum number of client connections is set correctly. If the problem persists, contact your our support representative for assistance.

**AAS0253E** **Replying to ClientId={client-id} DBID={dbid} failed rc={code}**

**Explanation** An attempt to reply to a client failed. The client ID, Adabas database ID, and return code from the attempt are given in the message.

**Action** Verify that all connections are up and configured correctly. If the problem persists, contact your our support representative for assistance.

**AAS0254E** **ClientId={client-id} Host={hostname} Port={port} rejected; The CPU Threshold={percentage} exceeds maximum allowed={value}**

**Explanation** The client on the host machine and port listed in the message was rejected because the CPU threshold was exceeded.

**Action** Increase the CPU threshold setting. If the problem persists, contact your our support representative for assistance.

**AAS0255E** **ClientId={client-id} DBID={dbid} Replying error={error}**

**Explanation** An attempt to reply to a client failed. The client ID, Adabas database ID, and error from the attempt are given in the message.

**Action** Verify that all connections are up and configured correctly. If the problem persists, contact your our support representative for assistance.

**AAS0256E** **DBID={dbid} is non accessible mainframe database; client traffic not allowed**

**Explanation** An attempt to connect to a mainframe database failed. The Adabas database ID is given in the message.

**Action** Verify that all connections are up and configured correctly. If the problem persists, contact your our support representative for assistance.

**AAS0258E** **Context={context} DBID={dbid} set for deletion; request rejected**

**Explanation** An attempt to delete the Adabas context listed in the message for the database listed in the message failed.

**Action** Verify that all connections are up and configured correctly. If the problem persists, contact your our support representative for assistance.

**AAS0304S** **Unable to add a Directory Server entry**

**Explanation** The Adabas Administration Services was unable to add a Directory Server entry.

**Action** Contact your technical support representative for assistance.

**AAS0305S** **AIF exit error={error}**

**Explanation** An AIF exit error occurred.

**Action** Contact your technical support representative for assistance.

**AAS0310S** **Work Semaphore failed in thread {thread-number}, error={error-number}**

**Explanation** The Adabas Administration Services threading mechanism failed.

**Action** Repeated occurrences of this message may require a restart of the service.

**AAS0311S** **Threading yield: failed in thread {thread-number}, error={error-number}**

**Explanation** The Adabas Administration Services threading mechanism failed.

**Action** Repeated occurrences of this message may require a restart of the service.

**AAS0312S** **Invalid message eyecatcher received**

**Explanation** An internal Adabas Administration Services error occurred.

**Action** Contact your technical support representative for assistance.

**AAS0313S** **Invalid message version received**

**Explanation** An internal Adabas Administration Services error occurred.

**Action** Contact your technical support representative for assistance.

**AAS0314S** **Invalid message segment received**

**Explanation** An internal Adabas Administration Services error occurred.

**Action** Contact your technical support representative for assistance.

**AAS0315S** **Request failed to wake work semaphore rc={rccode}**

**Explanation** The Adabas Administration Services semaphoring mechanism failed. The return code from the call is given in the message.

**Action** Contact your technical support representative for assistance.

**AAS0316S** **Thread wakeup call failed rc={rccode}**

**Explanation** The Adabas Administration Services threading mechanism failed. The return code from the call is given in the message.

**Action** Repeated occurrences of this message may require a restart of the service.

**AAS0317S** **Unable to remove Directory Service Server={serverid} Url={url}**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**AAS0318S** **Local database resources problem. Increase NU parameter**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**AAS0319S** **Unable to remove Directory Service Dbid={dbid} Url={url}**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**AAS0402F** **Unable to continue due to a severe error at startup**

**Explanation** A severe error occurred when the Adabas Administration Services tried to start up. The cause is shown in a previous message.

**Action** Contact your technical support representative for assistance.

**AAS0407F** **Thread create for TimerThread failed rc={rccode}**

**Explanation** The threading mechanism failed. The return code is given in the message.

**Action** Repeated occurrences of this message may require a restart of the service.

**AAS0408F** **Semaphore for WorkSemaphore failed rc={rccode}**

**Explanation** The threading mechanism failed. The return code is given in the message.

**Action** Repeated occurrences of this message may require a restart of the service.

**AAS0409F** **Thread create for thread {thread-number} failed rc={rccode}**

**Explanation** The threading mechanism failed. The return code is given in the message.

**Action** Repeated occurrences of this message may require a restart of the service.

**AAS0414F** **Remote Directory Server cannot be accessed**

**Explanation** Adabas Administration Services could not access the remote Adabas Directory Server.

**Action** Contact your technical support representative for assistance.

**AAS0415F** **CFG Directory Server cannot be accessed**

**Explanation** A Directory Server problem occurred.

**Action** Make sure no Directory Server or Adabas Administration Services installation files were deleted and that your user ID has security access to use all files in the installation directories. If the problem persists, contact your our support representative for assistance.

**AAS0601E** **Internal error={errorcode}**

**Explanation** An internal error occurred. The error code is given in the message.

**Action** Analyze the error description to try to identify and resolve the problem. If the problem persists, contact your technical support representative for assistance.

**AAS0602E** **Node is unreachable. It may not be active or there may be a configuration problem. Detailed error response was: {response}**

**Explanation** A node cannot be reached. The response from the connection attempt is given in the message.

**Action** Verify that the node is started. If it is, analyze the installation of the node to identify and resolve any configuration problem that may exist. If the problem persists, contact your technical support representative for assistance.

**AAS0603E** **Service={service-id} already exists in the Directory Server**

**Explanation** An attempt to add a service to the System Management Hub (SMH) was made, but the service already is added.

**Action** No action is required for this informational message.

**AAS0604I** **{definition} successfully added to SMH management; refreshing the tree...**

**Explanation** The definition listed in the message was successfully added to SMH.

**Action** No action is required for this informational message.

| | |
|---|---|
| **AAS0605E** | **Service={service-id} not found in the Directory Server** |
| **Explanation** | The service listed in the message was not found in the Adabas Directory Server. |
| **Action** | If you cannot identify and resolve the problem, contact your Software GmbH technical support representative for assistance. |

| | |
|---|---|
| **AAS0606I** | **{definition} successfully deleted from SMH management; refreshing the tree...** |
| **Explanation** | The definition listed in the message was successfully deleted from SMH. |
| **Action** | No action is required for this informational message. |

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|---|---|
| **AAS0607E** | **No client entries found** |
| **Explanation** | No client configuration definitions were found to manage in the System Management Hub (SMH). |
| **Action** | Verify that the client service is started. Client configuration definitions cannot be reviewed in the System Management Hub (SMH) unless the client service is started. If the problem persists, contact your Software GmbH technical support representative for assistance. |

| | |
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| **AAS0608E** | **No service definitions found in the Directory Server** |
| **Explanation** | No service definitions were found in the Adabas Directory Server, so no server machines can be listed in the System Management Hub (SMH). |
| **Action** | Verify that Adabas Administration Services has been installed and that its service has been started. |

| | |
|---|---|
| **AAS0609E** | **Incompatible version of Net-Work** |
| **Explanation** | The version of Adabas Administration Services you are trying to use is incompatible with the Adabas Administration Services SMH agent. |
| **Action** | Contact your technical support representative for assistance. |

| | |
|---|---|
| **AAS0610I** | **Ping request returned in {number} milliseconds** |
| **Explanation** | The ping request was returned in the number of milliseconds listed in the message. |
| **Action** | No action is required for this informational message. |

**AAS0611I** **No databases found on Service={service-id}**

**Explanation** No databases were found on the service listed in the message.

**Action** No action is required for this informational message.

**AAS0612E** **Service is unreachable rc={rccode}**

**Explanation** An error occurred during an attempt to communicate with a node. The return code is given in the message.

**Action** Use the return code to determine what the problem is and resolve it. Then try again. If the problem persists, contact your technical support representative.

**AAS0613I** **No adjacent services found on Service={service-id}**

**Explanation** No connection were made. Either the service is down or there is a configuration error.

**Action** No action is required for this informational message.

**AAS0614I** **No clients found on Service={service-id}**

**Explanation** No clients were found on the service listed in the message.

**Action** No action is required for this informational message.

**AAS0615I** **No hosts connected to Service={service-id} found**

**Explanation** No hosts were found connected to the service listed in the message.

**Action** No action is required for this informational message.

**AAS0616I** **Shutdown initiated**

**Explanation** Shutdown processing has been started.

**Action** No action is required for this informational message.

**AAS0617I** **No such configuration**

**Explanation** A configuration was referenced that does not exist.

**Action** No action is required for this informational message.

**AAS0618E** **Return code {rc} received**

**Explanation** The return code listed in the message was received during Adabas Administration Services processing.

**Action** Analyze the return code to see if you can diagnose and resolve the problem. If the problem persists, contact your technical support representative.

**AAS0619E** **Invalid context**

**Explanation** An invalid context was encountered.

**Action** Verify that all connections and the database in question are up and configured correctly. If the problem persists, contact your our support representative for assistance.

**AAS0620E** **Invalid Client**

**Explanation** An invalid client was encountered.

**Action** Verify that all clients are configured correctly. If the problem persists, contact your our support representative for assistance.

**AAS0621I** **New log file started**

**Explanation** A new log file has been started.

**Action** No action is required for this informational message.

**AAS0622I** **Trace level set**

**Explanation** A new trace level has been set.

**Action** No action is required for this informational message.

**AAS0623I** **Stats level set**

**Explanation** A new statistics level has been set.

**Action** No action is required for this informational message.

**AAS0624I** **Dump configuration initiated**

**Explanation** A dump configuration has been initiated.

**Action** No action is required for this informational message.

**AAS0625E** **Invalid DBID**

**Explanation** An invalid Adabas database ID has been specified.

**Action** Specify a correct database ID.

**AAS0626E** **Invalid Host**

**Explanation** An invalid host was specified.

**Action** Specify a valid host name.

**AAS0627E** **Directory Server is unreachable. It may not be active or there may be a configuration problem. Detailed error response was: {error}**

**Explanation** A problem occurred during an attempt to communicate with the Adabas Directory Server.

**Action** Verify that the Adabas Directory Server is stated and try again. If the problem persists, contact your technical support representative.

**AAS0628I** **Connect procedure has been initiated**

**Explanation** A connection attempt was started.

**Action** No action is required for this informational message.

**AAS0629I** **Disconnect procedure has been initiated**

**Explanation** A disconnection attempt was started.

**Action** No action is required for this informational message.

**AAS0630I** **Delete procedure successful**

**Explanation** The deletion attempt was successful.

**Action** No action is required for this informational message.

**AAS0631E** **Invalid Node**

**Explanation** An attempt was made connect to an invalid node.

**Action** Refresh your SMH screens. The node was probably deleted since you started your SMH session.

**AAS0632E** **Service already connected**

**Explanation** An attempt occurred to connect to a service that is already connected.

**Action** If you are having problems communicating with the service and you are getting this error, contact your technical support representative for assistance.

**AAS0633E** **Service already disconnected**

**Explanation** An attempt was made to disconnect a service that is already disconnected.

**Action** No action is required for this information message.

**AAS0634E** **Unknown return code {rccode} received**

**Explanation** An unknown return code was received. The return code is given in the message.

**Action** Contact your technical support representative for assistance.

**AAS0635E** **XTS library cannot be loaded**

**Explanation** The Software GmbH Transport Subsystem library could not be loaded.

**Action** Contact your technical support representative for assistance.

**AAS0636E** **Configuration already defined**

**Explanation** An attempt was made to configure a service that is already configured.

**Action** Try specifying a different service name for the servuce you are allocating. If the problem persists, contact your technical support representative.

**AAS0637E** **Invalid request**

**Explanation** An invalid request was attempted.

**Action** If you cannot identify and resolve the problem, contact your Software GmbH technical support representative for assistance.

**AAS0638E** **Failure to create file**

**Explanation** An attempt to create a file was unsuccessful.

**Action** If you cannot identify and resolve the problem, contact your Software GmbH technical support representative for assistance.

**AAS0639E** **Unknown command code {cmd-code} received**

**Explanation** An unknown command request was received. The command code is given in the message.

**Action** If you cannot identify and resolve the problem, contact your Software GmbH technical support representative for assistance.

**AAS0640I** **Service {servicename} configured successfully**

**Explanation** The service definition configuration attempt was successful. The service definition name is given in the message.

**Action** No action is required for this informational message.

**AAS0641I** **Client {name} configured successfully**

**Explanation** The client configuration attempt was successful. The client configuration name is given in the message.

**Action** No action is required for this informational message.

**AAS0642I** **Migrating {service-id} Service successful**

**Explanation** An attempt to migrate a service definition from an older version of Adabas Administration Services to a newer version was successful. The name of the service is given in the message.

**Action** No action is required for this informational message.

**AAS0643I** **Service {service-id} migrated from WCP73**

**Explanation** The service listed in the message has been migrated from a previous version.

**Action** No action is required for this informational message.

**AAS0644E** **Invalid entry**

**Explanation** An invalid entry was specified.

**Action** Contact your technical support representative for assistance.

**AAS0645I** **Modification procedure successful**

**Explanation** The modification was successful.

**Action** No action is required for this informational message.

**AAS0646E** **Invalid data**

**Explanation** Invalid data was specified.

**Action** Correct the data and try again. If the problem persists, contact your technical support representative.

**AAS0647I** **Client {name} deleted successfully**

**Explanation** The attempt to delete the client configuration was successful.

**Action** No action is required for this informational message.

**AAS0648I** **Service {name} deleted successfully**

**Explanation** The attempt to delete the service definition was successful.

**Action** No action is required for this informational message.

**AAS0649I** **Service {name} is active, deletion failed**

**Explanation** An attempt to delete a service definition was made, but the service is running.

**Action** Stop the service before attempting to delete it.

**AAS0650I** **Service {name} is active, starting not initiated**

**Explanation** An attempt to start a service was made, but the service is already running.

**Action** No action is required for this informational message.

**AAS0651I** **Startup initiated for Service {name}**

**Explanation** The service is starting.

**Action** No action is required for this informational message.

**AAS0652I** **Unable to start this Service**

**Explanation** The Keservicernel cannot be started for some reason.

**Action** Examine the service log file for reasons for the failure, make appropriate corrections, and try again. If the error persists, contact your technical support representative for assistance.

**AAS0653I** **Set parameters successful**

**Explanation** The parameter changes were successfully processed.

**Action** No action is required for this informational message.

**AAS0654I** **No services available**

**Explanation** No service definitions have been defined, so none are available.

**Action** Define some service definitions.

**AAS0655I** **Client {client-id} migrated from WCL13**

**Explanation** The client listed in the message has been migrated from a previous version of Entire Net-Work.

**Action** No action is required for this informational message.

**AAS0656E** **Service={name} cannot have more then 8 characters**

**Explanation** The name of a service definition cannot exceed eight characters. An attempt was made to specify a name longer than eight characters and the name specified is given in the message.

**Action** Reduce the length of the name of the service definition.

**AAS0657E** **XTS function cannot be loaded**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**AAS0658E** **A valid (non-zero) port has to be specified**

**Explanation** The port number was not specified or is invalid.

**Action** Specify a valid port number.

**AAS0659E** **A valid (non-zero) host has to be specified**

**Explanation** A host name was not specified or is invalid.

**Action** Specify a valid host name.

**AAS0660E** **Data segment unknown={data}**

**Explanation** Data received by the SMH agents is not recognized.

**Action** Contact your technical support representative for assistance.

**AAS0670E** **No URL available in the Directory Server for the target server**

**Explanation** An internal error occurred in a Directory Server definition.

**Action** Contact your technical support representative for assistance.

**AAS0671E** **Adabas Administration Service={service-id} has to be unique across the network**

**Explanation** The name of a service must be unique across the network. A name that has already been used was specified.

**Action** Change the service name so it is unique.

**AAS0672I** **Default client cannot be deleted**

**Explanation** You cannot delete the default client configuration that is distributed with Adabas Administration Services.

**Action** No action is required.

**AAS0673E** **DBID syntax error; follow this rule : n1 or n1,n2 or n1-n2, or n1,n2,n2,n4-n5**

**Explanation** The list of databases was not specified correctly. The syntax for a list of databases is given in the message.

**Action** Correct the list of databases.

**AAS0674E** **Trace syntax error; follow this rule : nnnnn or 0xnnnn**

**Explanation** The trace information was not specified correctly. The correct syntax for trace information is given in the message.

**Action** Correct the trace information.

**AAS0675E** **UNSOLICITED values are YES or NO**

**Explanation** An invalid value for the UNSOLICITED parameter was specified. Valid values are "YES" or "NO".

**Action** Specify a valid value for the parameter.

**AAS0676E** **Adabas timeout cannot be less then 5 seconds**

**Explanation** An invalid value was specified for the ADABAS_TIMEOUT parameter. The value cannot be less than 5 seconds.

**Action** Specify a valid value for the parameter.

**AAS0677I** **Command sent to Service {service-id}**

**Explanation** The command was sent to the service listed in the message.

**Action** No action is required for this informational message.

**AAS0678E** **The timer timeout has to be between 1 and 3600 seconds**

**Explanation** An invalid value was specified for the TIMER_TIMEOUT parameter. The value must be between 1 and 3600 seconds.

**Action** Specify a valid value for the parameter.

**AAS0679E** **The statistics logging period has to be between 1 and 1440 minutes**

**Explanation** An invalid value was specified for the STATISTICS_INTERVAL parameter. The value must be between 1 and 1440 minutes.

**Action** Specify a valid value for the parameter.

**AAS0680E** **The log size value has to be between 1MB and 500MB**

**Explanation** An invalid value was specified for the LOGSIZE parameter. The value must be between 1 and 500 megabytes.

**Action** Specify a valid value for the parameter.

**AAS0681E** **The remote check period has to be between 0 and 1440 minutes**

**Explanation** An invalid value was specified for the PING_DB_INTERVAL parameter. The value must be between 1 and 1440 minutes.

**Action** Specify a valid value for the parameter.

**AAS0682E** **The local check period has to be between 5 and 600 seconds**

**Explanation** An invalid value was specified for the CHECK_DBS_INTERVAL parameter. The value must be between 5 and 600 seconds.

**Action** Specify a valid value for the parameter.

**AAS0683E** **Port={port} value has to be between 0 and 65535**

**Explanation** An invalid port number was specified.

**Action** Specify a valid port number.

**AAS0684E** **Service ID value has to be between 1 and 65535**

**Explanation** An invalid value was specified for the service ID. The value must be between 1 and 65535.

**Action** Specify a valid service ID.

**AAS0685E** **Client name={name} cannot have more then 16 characters**

**Explanation** An invalid client configuration name was specified. The client configuration name cannot exceed 16 characters.

**Action** Specify a valid client configuration name.

**AAS0686E** **Relay values are YES or NO**

**Explanation** An invalid value was specified for the RELAY_VALUES parameter. Valid values are "YES" or "NO".

**Action** Specify a valid value for the parameter.

**AAS0687E** **Port={port} value has to be between 1 and 65535**

**Explanation** An invalid port number was specified. Valid values must lie between "1" and "65535".

**Action** Correct the port number and try again.

**AAS0689E** **Port={port} string is not numerical**

**Explanation** An invalid port number was specified.

**Action** Specify a valid port number.

**AAS0690E** **Numerical values required for parameter={parameter-name}**

**Explanation** A non-numeric value was specified for a parameter when a numeric value is expected. The parameter name is given in the message.

**Action** Specify a valid value for the parameter.

**AAS0691E** **AUTOSTART/AUTOSTOP values are YES or NO**

**Explanation** An invalid value was specified for the AUTOSTART or AUTOSTOP parameters. Valid values are "YES" or "NO".

**Action** Specify a valid value for the parameter.

**AAS0692E** **No entry found in Directory Server**

**Explanation** No entry definitions were found to manage in the Adabas Directory Server and, consequently, in the System Management Hub (SMH).

**Action** Verify that the service for Adabas Administration Services is started. Service definitions cannot be reviewed in the System Management Hub (SMH) unless the server service is started.

**AAS0693E** **No Net-Work 7.X.X found in Directory Server**

**Explanation** No Entire Net-Work 7.2 node definitions were found to manage in the Adabas Directory Server and, consequently, in the System Management Hub (SMH).

**Action** If you have any Entire Net-Work 7.2 nodes to be managed, you must first add them in SMH.

**WCP0693E** **No Net-Work 7.X.X found in Directory Server**

**Explanation** No Entire Net-Work 7.2 node definitions were found to manage in the Adabas Directory Server and, consequently, in the System Management Hub (SMH).

**Action** If you have any Entire Net-Work 7.2 nodes to be managed, you must first add them in SMH.

**AAS0694E** **The DBID has to be between 1 and 65535**

**Explanation** An invalid Adabas database ID was specified. Valid database IDs are between 1 and 65535.

**Action** Specify a valid database ID.

**AAS0695E** **Service={name} should not include the #. []=* characters**

**Explanation** The name of a service definition was specified with one of the special characters listed in the message.

**Action** Specify a valid service definition name.

**WCP0695E** **Kernel={name} should not include the # . [ ] = \ \ * characters**

**Explanation** The name of a Kernel definition was specified with one of the special characters listed in the message. These characters cannot be used in a Kernel definition name.

**Action** Specify a valid Kernel definition name.

**AAS0696E** **Client name should not include the #. []=* characters**

**Explanation** The name of a client configuration was specified with one of the special characters listed in the message. These characters cannot be used in a client configuration name.

**Action** Specify a valid client configuration name.

**AAS0697E** **The WCP72 Service does not appear to be local**

**Explanation** The Entire Net-Work 7.2 node cannot be found and does not appear to be installed on the local machine.

**Action** Correct the Entire Net-Work 7.2 node definition in SMH to point to the correct host machine.

**AAS0698E** **Duplication**

**Explanation** An attempt to add a definition that has already been added. The definition you tried to add is not added.

**Action** No action is required for this informational message.

**AAS0699E** **Service file does not exist (it could be deleted)**

**Explanation** An attempt to delete a service failed; it is possible that it was already deleted.

**Action** No action is required for this informational message.

**AAS0700E** **No entries found**

**Explanation** No definitions were found to manage in the System Management Hub (SMH).

**Action** Verify that the service for Adabas Administration Services is started. Kernel definitions cannot be reviewed in the System Management Hub (SMH) unless the server service is started. If the problem persists, contact your technical support representative for assistance.

**AAS0701E** **No Server entries found**

**Explanation** No Adabas Administration Services entries were found to manage in the System Management Hub (SMH).

**Action** Verify that the service for Adabas Administration Services is started. Service definitions cannot be reviewed in the System Management Hub (SMH) unless the Adabas Administration Services service is started. For more information, read *Starting and Stopping Adabas Administration Services* in your Adabas Administration Services documentation. If the problem persists, contact your technical support representative for assistance.

**AAS0702E** **Service={servicename} name cannot be numeric only**

**Explanation** The service name cannot contain only numeric values.

**Action** Specify a valid service name.

**AAS0703E** **Client name={client-id} cannot be numeric only**

**Explanation** The client name cannot contain only numeric values.

**Action** Specify a valid client name.

**AAS0704W** **No such entry in the Directory Server, please refresh!**

**Explanation** An attempt to reference an entry in the Directory Server failed.

**Action** Refresh your SMH display to obtain the latest Directory Server entries.

**AAS0705E** **Port value has to be between 1 and 65535**

**Explanation** An invalid port number was specified.

**Action** Specify a valid port number. For more information, read *Port Number Reference*, elsewhere in this documentation.

**AAS0706E** **Retry string not numerical**

**Explanation** The retry count specification was not numeric.

**Action** Specify a numeric retry count.

**AAS0707E** **Retry interval string not numerical**

**Explanation** The retry interval specification was not numeric.

**Action** Specify a numeric retry interval.

**AAS0708E** **Host Name={name} should not include the # []=* characters**

**Explanation** The host name was specified with one of the special characters listed in the message. These characters cannot be used in a host name.

**Action** Specify a valid host name.

**AAS0709I** **No additional parameters supplied**

**Explanation** No additional parameters were supplied for the Adabas Administration Services configuration.

**Action** No action is required for this informational message.

**AAS0710E** **Port={port} value has to be between 1 and 65535**

**Explanation** An invalid port number was specified.

**Action** Specify a valid port number. For more information, read *Port Number Reference*, elsewhere in this documentation.

**AAS0711E** **Port2={port2} has to be greater than Port1={port1}**

**Explanation** When specifying a range of port numbers, the second port number should be larger than the first port number in the range. The port numbers specified are given in the message.

**Action** Specify a valid range of port numbers.

**AAS0713E** **DBID={dbid} string is not numerical**

**Explanation** The Adabas database ID specified was not numeric.

**Action** Specify a numeric database ID.

**AAS0714E** **DBID2={dbid2} has to be greater than DBID1={dbid1}**

**Explanation** When specifying a range of Adabas database IDs, the second database ID should be larger than the first database ID in the range. The database IDs specified are given in the message.

**Action** Specify a valid range of database IDs.

**AAS0715E** **Empty string**

**Explanation** A blank string was specified for a parameter.

**Action** Specify a valid value for the parameter.

**AAS0716E** **At least one access definition has to be selected**

**Explanation** An attempt to add an access definition was made but no access type was selected (for example, Classic, e-business Client, e-business SSL Client, etc.).

**Action** Select an access type when adding an access definition.

**AAS0717I** **No listens found on Service={service-id}**

**Explanation** No active access entries were found for the active service.

**Action** No action is required for this informational message.

**AAS0718I** **No connections found on Service={service-id}**

**Explanation** No active connection entries were found for the active service.

**Action** No action is required for this informational message.

**AAS0719E** **REMEMBER_DBID values are YES or NO**

**Explanation** An invalid value was specified for the REMEMBER_DBID parameter. Valid values are "YES" or "NO".

**Action** Specify a valid value for the parameter.

**AAS0720E** **The number of active clients has to be between 5 and 65535**

**Explanation** An invalid value was specified for the MAX_CLIENTS parameter. Valid values must be between 5 and 65535.

**Action** Specify a valid value for the parameter.

**AAS0721E** **Timeout error; check if the Service is down**

**Explanation** A system timeout error occurred.

**Action** Verify that the service is not down. If it is, restart it. If the problem persists, contact your technical support representative.

**AAS0722E** **DBID={dbid} not defined**

**Explanation** An Adabas database ID was not specified or an invalid one was specified.

**Action** Specify a valid database ID.

**AAS0723E** **DBID={dbid} not active**

**Explanation** The Adabas database is not active.

**Action** Start the database.

**AAS0724E** **Service={service-id} not defined**

**Explanation** An attempt was made to ping a service, but the service does not exist.

**Action** Refresh your System Management Hub displays. The node may have been deleted since you started this SMH session.

**AAS0725E** **Service={service-id} not active**

**Explanation** An attempt was made to ping a service, but the service was not active.

**Action** Start the node if you wish.

**AAS0726E** **No entry available**

**Explanation** An attempt was made to review an entry that is no longer available.

**Action** Refresh your System Management Hub displays. The entry may have been deleted since you started this SMH session.

**AAS0727E** **Empty Service name**

**Explanation** No service definition name was specified.

**Action** Specify a valid service definition name.

**AAS0728E** **Empty Client name**

**Explanation** No client configuration name was specified.

**Action** Specify a valid client configuration name.

**AAS0729E** **Empty Host name**

**Explanation** No host name was specified.

**Action** Specify a valid host name.

**AAS0730E** **Empty DBID string**

**Explanation** No Adabas database ID was specified.

**Action** Specify at least one database ID.

**AAS0731E** **Empty Port string**

**Explanation** No port number was specified.

**Action** Specify a valid port number. For more information, read *Port Number Reference*, elsewhere in this documentation.

**AAS0732E** **No Client definitions found in the Directory Server**

**Explanation** No client configuration definitions were found in the Adabas Directory Server.

**Action** Verify that the service for Adabas Administration Services is started. Client configuration definitions cannot be reviewed in the System Management Hub (SMH) unless the service is started. If the problem persists, contact your technical support representative for assistance.

**AAS0733E** **Connection URL syntax error**

**Explanation** A syntax error exists in a connection URL. Entire Net-Work cannot make the connection.

**Action** Contact your technical support representative for assistance.

**AAS0734E** **Connection with the same NODENAME already defined**

**Explanation** An attempt was made to define a connection to the same node twice. Only one connection definition is needed.

**Action** Make sure that there is only one connection definition for the node.

**AAS0735E** **Host Name={hostname} not defined in DNS**

**Explanation** The host identified in the message is not defined in the DNS.

**Action** Contact your technical support representative for assistance.

**AAS0736E** **Host Name={hostname} not defined in DNS**

**Explanation** The host identified in the message is not defined in the DNS.

**Action** Contact your technical support representative for assistance.

**AAS0738E** **Target is down or not defined in the Directory Server**

**Explanation** A connection attempt was made to a target that is not correctly defined to Adabas Administration Services.

**Action** Verify that the target definition is correct and complete (no required parameters are undefined) and try again. If the error persists, contact you technical support representative for assistance.

**AAS0739E** **Incoming Service already connected**

**Explanation** An attempt was made to define two connections for the same incoming service. Only one connection definition is needed.

**Action** Make sure that only one connection definition exists for the incoming service. If the problem persists, contact your technical support representative for assistance.

**AAS0740E** **Connection failure; reason={rsncode}**

**Explanation** An attempt to make a defined connection failed. The reason code is given in the message.

**Action** Analyze the reason code and try to resolve the problem. If the problem persists, contact your technical support representative for assistance.

**AAS0741E** **The SERVICE_THREADS value has to be between 5 and 1024**

**Explanation** The value of the SERVICE_THREADS parameter is not correct. It must be a numeric value between 5 and 1024.

**Action** Correct the value and try again.

**AAS0742E** **No data available**

**Explanation** The service log file cannot be found.

**Action** Contact your technical support representative.

**AAS0743E** **MULTIPLEX values are YES or NO**

**Explanation** An invalid value was specified for the MULTIPLEX parameter. Valid values are "YES" or "NO".

**Action** Correct the value and try again.

**AAS0744E** **NOLOCAL values are YES or NO**

**Explanation** An invalid value was specified for the NOLOCAL parameter. Valid values are "YES" or "NO".

**Action** Correct the value and try again.

**AAS0745E** **NOREMOTE values are YES or NO**

**Explanation** An invalid value was specified for the NOREMOTE parameter. Valid values are "YES" or "NO".

**Action** Correct the value and try again.

**AAS0746E** **LOAD BALANCING values are YES or NO**

**Explanation** An invalid value was specified for the LOAD_BALANCING parameter. Valid values are "YES" or "NO".

**Action** Correct the value and try again.

**AAS0747E** **The maximum CPU threshold has to be between 10 and 99**

**Explanation** An invalid value has been specified for the MAX_CPU_THRESHOLD parameter.

**Action** Correct the value and try again.

**AAS0749E** **STATISTICS_DETAILS values are YES or NO**

**Explanation** An invalid value was specified for the STATISTICS_DETAILS parameter. Valid values are "YES" or "NO".

**Action** Correct the value and try again.

**AAS0750E** **USE_LOCAL_ADABASES values are YES or NO**

**Explanation** An invalid value was specified for the USE_LOCAL_ADABASES parameter. Valid values are "YES" or "NO".

**Action** Correct the value and try again.

**AAS0751E** **Service={service-id} is not set to process local databases**

**Explanation** The service listed in the message is not defined to process local databases.

**Action** Correct the USE_LOCAL_ADABASES parameter value in the service definition and try again.

**AAS0752E** **DATE_STAMP values are YES or NO**

**Explanation** An invalid value was specified for the DATE_STAMP parameter. Valid values are "YES" or "NO".

**Action** Correct the value and try again.

**AAS0753E** **The CHECK_CXT_INTERVAL value has to be 0 or between 60 and 24*60*30 seconds**

**Explanation** An invalid value was specified for the CHECK_CXT_INTERVAL parameter. Valid values are zero (0) seconds or lie between 60 seconds and 43,200 seconds (24 * 60 * 30).

**Action** Correct the value and try again.

**AAS0754I** **Service {service-id} migrated from WCP74**

**Explanation** The service listed in the message was successfully migrated from the 7.4 version of Entire Net-Work.

**Action** No action is required for this informational message.

**AAS0755I** **Client {client-id} migrated from WCL14**

**Explanation** The client listed in the message was successfully migrated from the 1.4 version of Entire Net-Work Client.

**Action** No action is required for this informational message.

| | |
|---|---|
| **AAS0756E** | **DBID={dbid} not accessible** |
| **Explanation** | The database listed in the message could not be accessed. |
| **Action** | No action is required for this informational message. |

# 18 AAUD* - AUDITLOG Messages

These are messages produced by Adabas AUDITLOG processing.

**AAUD01** **{dbid} {userid} {xxxyyy} description fnr={nnnnn} rsp{zzz}/{ccc}**

**Explanation** The message describes the dbid, userid, originator for the product code that the function was issued for along with an explanation of the function and an indicator if the function was successful or not.

If a utility or AOS request affects multiple functions, the AAUD01 message mentions only the first requested function that is processed. For example, if your request is "reorder file", which is going to "reorder ASSO" and "reorder DATA" for that file, AAUD01 is going to indicate only the "reordered ASSO" function. Look for additional console or output messages indicating what was performed by the action.

| | |
|---|---|
| dbid | 5-byte database ID where command was issued. |
| userid | 8-byte user ID of user initiating command for z/OS.<br>"*unknown" will be displayed if there is no userid or UQE found.<br>**Tip:** This can occur in system generated functions such as online recovery. |
| *xxx* | 3-byte product code (ADA, AFP, AVI, COR, AAF, ACF, DSF, TSP, EAB, ALS or ARF). |
| *yyy* | 3-byte originator (UTI, AOS, AUX).<br>**Note:** If command is not from AOS or AUX, "UTI" will be displayed. This can also be an internal type utility call. |
| description | 31-byte description of function requested. |
| *nnnnn* | 5-byte file number if it pertains to function; otherwise blank. `fnr='  '` signifies all files. |
| *zzz* | Response code or zero. |

| | |
|---|---|
| *ccc* | Subcode (only displayed if response code not 0). |

**Examples**

```
20:45:23 AAUD01 00199 USAXXX   ADAUTI Mod parms AUDITLOG        ↩
                                rsp064/005
20:45:23 AAUD01 00199 USAXXX   ADAUTI Mod parms AUDITLOG        ↩
                                rsp000
20:55:24 AAUD01 00199 USAXXX   ADAUTI ALOCKF set advance-lock   ↩
   fnr=    1               rsp000
```

**Action** No action required. The message is informational.

**AAUD99** **{dbid}{ userid} CMD:{XX} OP2:{YY} unknown**

**Explanation** User ID on DBID executed the CMD/OP2 but it was unknown by the AUDITing routine.

| | |
|---|---|
| *XX* | 2-byte command code. |
| *YY* | 2-byte command option 2. |

**Action** Investigate what the user was doing and if necessary discuss with Software GmbH.

# 19 ACLX* - Adabas Review Interface Messages

These are messages produced by Adabas Review processing.



**Note:** Some of the ACLX* messages are preceded by the Adabas database ID. These database IDs are not shown in the message texts in this documentation.

| | |
|---|---|
| **ACLX03** | **{dbid} Client Report requires CLOGL=8** |
| **Explanation** | Adabas Review client reports run only if ADARUN CLOGLAYOUT=8 is specified in the Adabas nucleus. An attempt was made to run a client report when CLOGLAYOUT=8 was *not* specified. The client reports will not run at all or some fields in the report will be empty. |
| **Action** | Specify ADARUN CLOGLAYOUT=8 in the concerning ADABAS nucleus and start the nucleus again. |

# 20 ADAA* Auditing Messages

**Note:** Each of the messages in this section starts with the relevant database ID.

| | |
|---|---|
| **ADAAAA** | **Auditing 64-bit GETMAIN failed** |
| **Explanation** | Getmain for Auditing area failed or there was insufficient storage available. |
| **Action** | Rectify the Getmain problem and rerun the job. |

| | |
|---|---|
| **ADAAAB** | **Auditing GETMAIN failed**<br>**Requested {nn,nnn,nnn,nnn} bytes acquired {xx,xxx,xxx,xxx} bytes** |
| **Explanation** | Getmain for Auditing area failed or there was insufficient storage available. Requested and acquired values are given. |
| **Action** | Rectify the Getmain problem and rerun the job. |

| | |
|---|---|
| **ADAAAC** | **LAP value is too small; minimum is 100,000** |
| **Explanation** | The LAP value must be at least 100,000. |
| **Action** | Supply correct parameters and rerun the job. |

| | |
|---|---|
| **ADAAAD** | **Auditing pool usage {increased\|decreased} to {more\|less} than number %** |
| **Explanation** | These messages begin when auditing pool usage first exceeds the value of ADARUN parameter GAPWARNPERCENT. Further messages appear at usage intervals specified by ADARUN parameter GAPWARNINCREMENT. |
| **Action** | If the usage is not anticipated, you may want to adjust ADARUN parameter LAPL to increase the size of the auditing pool. Adjust ADARUN parameters GAPWARNPERCENT and GAPWARNINCREMENT to control when warning messages are issued. |

**ADAAAE** **Starting auditing pool warning suppression**
**{number} auditing pool warning suppression**

**Explanation** A number of ADAAAD messages warning of an auditing pool shortage have been issued. In order to avoid flooding the console, additional messages are suppressed for a period after a threshold is reached. When the suppression period has expired, the Auditing Server will display the number of suppressed message lines and then start printing auditing pool usage warning messages again. The number of messages issued before suppression is specified by ADARUN parameter GAPWARNMESSAGELIMIT. The suppression interval is specified by ADARUN parameter GAPWARNINTERVAL.

**Action** No action is required for these informational messages. If needed, adjust the ADARUN parameters GAPWARNMESSAGELIMIT and GAPWARNINTERVAL to control message traffic.

**ADAAAF** **Adabas auditing pool is full**
**Failed to allocate {xx,xxx,xxx,xxx} bytes**
**for**

**Explanation** There was not enough free storage in the Auditing pool to satisfy a request.

**Action** Execution continues. Increasing the value of the LAP parameter may alleviate the shortage.

**ADAAAG** **AUDITING=YES may not be specified for an Auditing Server**

**Explanation** Conflicting parameters – AUDITING=YES is not allowed for an Auditing Server.

**Action** Supply correct parameters and rerun the job.

**ADAA0A** **Unexpected response code {rc} / {rp} when reading auditing file with command {cc}**

**Explanation** An error occurred while attempting to read the Auditing server system file. The command return code (*rc*), response code (*rp*) and command code (*cc*) are given in the message.

**Action** Review the response code to determine why the Auditing server system file could not be read. Then take appropriate actions to correct the error. If the problem persists, contact your technical support representative for assistance.

**ADAA0B** **Disconnected from database {dbid}**
**Disconnected from database {dbid} nucleus {nucid}**

**Explanation** The Auditing Server has disconnected from the database or nucleus listed in the message. This message normally follows message ADAA0J and indicates that all auditing data for the database has been processed when the Auditing Server was terminated by ADAEND. If the Auditing Server has been terminated via a HALT request, there is no guarantee that all data has been processed. The first instance of this message occurs when the Auditing Server has disconnected from a noncluster Adabas nucleus. The second instance of this message occurs when the Auditing Server

has disconnected from an Adabas cluster nucleus (for example, an Adabas Cluster Services or an Adabas Parallel Services nucleus).

**Action** No action is required for this informational message.

**ADAA0D** **Database {dbid} not present**

**Explanation** The nucleus listed in the message is not currently active.

**Action** Start the database.

**ADAA0E** **Waiting for pending auditing data to complete**

**Explanation** ADAEND has been issued to the Auditing Server with auditing data still in progress.

**Action** The Auditing Server will terminate only after all the auditing data that are still in progress have completed.

**ADAA0F** **Database {dbid} is running without auditing enabled**
**Suspending communication with database dbid**
**OR**
**Database {dbid} is running with auditing enabled but no data is being sent to this auditing server**
**Suspending communication with database dbid**

**Explanation** The Auditing Server attempted to communicate with a database defined via a subscription but found the database is running with an AUDITING=NO setting, or has AUDITING=YES, however, no data is sent to this Auditing Server. Communication is suspended between the Auditing Server and the database.

**Action** Execution continues. No auditing will occur for the database and this Auditing Server.

**ADAA0G** **{YYYY.MM.DD HH.MM.SS} A connection will be attempted with database {dbid}**

**Explanation** This message is printed as a result of the AUDCONNECT operator command (issued to an Auditing Server). The message is printed for each Adabas database for which the Auditing Server attempts a connection.

**Action** No action is required for this informational message.

**ADAA0H** **Disconnect failed with response {rrr/sss} from database {dbid}**
**from database {dbid} nucleus {nucid}**

**Explanation** The Auditing Server attempted to disconnect from the database listed in the message, but received the response code and subcode (*rrr*/*sss*) listed in the message during the attempt.

**Action** Investigate the response code and subcode to identify and correct the problem.

**ADAA0I** **Connect to database {dbid} failed with response code {rrr/sss}**

**Explanation** The Auditing Server attempted to connect from the database listed in the message, but received the response code and subcode (*rrr*/*sss*) listed in the message during the attempt.

**Action** Investigate the response code and subcode to identify and correct the problem.

**ADAA0J** **Disconnecting from database {dbid}**
**Disconnecting from database {dbid} nucleus {nucid}**

**Explanation** The Auditing Server is in the process of disconnecting from the database or nucleus listed in the message. The first instance of this message occurs when the Auditing Server is disconnecting from a noncluster Adabas nucleus. The second instance of this message occurs when the Auditing Server is disconnecting from an Adabas cluster nucleus (for example, an Adabas Cluster Services or an Adabas Parallel Services nucleus). In this second instance, the Adabas cluster itself ensures that all nuclei in the cluster are informed about the Auditing Server disconnecting.

**Action** No action is required for this informational message.

**ADAA0K** **{YYYY.MM.DD HH.MM.SS statistics}:**

**Explanation** This message is displayed in response to the operator command DAUDSTAT. It shows the auditing-related statistics for a database.

**Action** No action necessary for this informational message.

**ADAA0L** **Unexpected error {rc} encountered while referencing DATA storage RABN {xx,xxx,xxx,xxx}**

**Explanation** An unexpected error occurred related to the data storage RABN listed in the message.

**Action** Identify and fix the problem from the response code (*rc*) and data storage RABN listed in the message or contact your technical support representative for assistance.

**ADAA0M** **Insufficient WORK pool space available. Increase LWP.**

**Explanation** There was insufficient work pool space available to the Auditing Server.

**Action** Increase the setting of the ADARUN LWP parameter for the Auditing Server. Then stop and restart the Auditing Server.

**ADAA0N** **Warning: One or more destinations defined with SLOG allowed but the SLOG system file is not loaded**

**Explanation** You have specified 'SLOG allowed=YES' for the SYSALA destination definition, but an SLOG file has not been defined to the Auditing Server for Adabas.

**Action** Determine if 'SLOG allowed=YES' is required and, if so, define a SLOG file to the Auditing Server.

**ADAA0O** **UTIONLY=YES not allowed**

**Explanation** UTIONLY=YES is not allowed for an Auditing Server.

**Action** Supply correct parameters and rerun the job.

**ADAA0P** **Data read in SLOG for destination {xxxxxxxx} with logging not allowed**

**Explanation** SLOG data has been found for the destination listed in the message, which now has 'SLOG allowed=NO' set. This implies that at some point in the past, 'SLOG allowed=YES' was set and was subsequently changed. Be aware that this message indicates that previously logged data is now lost.

**Action** If logging should not be active for the destination, this can be ignored. However, if it should be active, determine why the configuration was changed.

**ADAA0Q** **Data read in SLOG for destination {xxxxxxxx} which is not defined**

**Explanation** SLOG initialization processing has encountered data on the SLOG system file for the destination listed in the message. However, the destination is not defined in the current configuration. All SLOG data related to the destination will be deleted.

**Action** If the destination should be defined, determine why it was omitted from the configuration.

**ADAA0R** **SLOG initialization completed successfully**

**Explanation** SLOG initialization processing completed successfully.

**Action** No action is required for this informational message.

**ADAA0Y** **SLOG disabled for destination {xxxxxxxx}**

**Explanation** Use of the SLOG system file for storing and processing database-related input transactions from the Adabas nucleus has been disabled for the listed destination. This may occur when SLOG processing of the database-related input transactions is suspended and a subsequent error occurred while attempting to delete the transactions from the SLOG system file.

**Action** Review earlier messages to determine the cause of the problem.

**ADAA0Z** **An unexpected error occured in SLOG repeated processing {message text} response code {xxxxx} / reason code {xxxxx}**

**Explanation** An unexpected error occurred during SLOG processing. The details of the error are provided in the second line of the message, as described in the following table. The response code and reason code are also provided in the message.

| Message Text | Description |
|---|---|
| Adabas Call Failed CMD=*command* | During SLOG processing, an Adabas call failed. The message provides the Adabas CMD that failed and provides associated reason and response codes. |
| Error returned from Adabas L3 read in SLOG initialization | An unexpected response code was received from Adabas during SLOG initialization. |
| Failure to acquire WORK pool space | During SLOG processing, an attempt to acquire work pool storage space failed. |
| L3 request on SuperDescriptor S1 failed | During SLOG read processing, an unexpected error occurred while reading the S1 descriptor. |
| L3 request on SuperDescriptor S2 failed | During SLOG read processing, an unexpected error occurred while reading the S2 descriptor. |
| Workpool storage request failed for CQE | Insufficient storage was available to initialize the Auditing Server SLOG facility. |

**Action** Investigate the response and reason codes to determine the cause of the problem and correct it. If you get the "Workpool storage request failed for CQE" message text, verify that sufficient storage is available for Auditing Server initialization.

**ADAA00** **{YYYY.MM.DD HH.MM.SS} Auditing definitions:**

**Explanation** This message is printed as a result of the DAUDPARM operator command. The Auditing definitions for this Adabas are printed.

**Action** No action necessary for this informational message.

**ADAA01** **{YYYY.MM.DD HH.MM.SS} No connection attempts will be made as a result of the AUDCONNECT request**

**Explanation** This message is printed as a result of the AUDCONNECT operator command (issued to an Auditing Server). The message is printed when no connection attempts will be made as a result of the AUDCONNECT operator command.

**Action** Analyze the AUDCONNECT operator command you issued for invalid Adabas database IDs that might have been specified.

**ADAA04** **DTP=TM or DTP=RM not allowed**

**Explanation** DTP=TM or DTP=RM is not allowed for an Auditing Server.

**Action** Supply correct parameters and rerun the job.

**ADAA06** **MODE=SINGLE not allowed**

**Explanation** MODE=SINGLE is not allowed for an Auditing Server.

**Action** Supply correct parameters and rerun the job.

**ADAA09** **READONLY=YES not allowed**

**Explanation** READONLY=YES is not allowed for an Auditing Server.

**Action** Supply correct parameters and rerun the job.

**ADAA10** **Destination {dddddddd} already closed**

**Explanation** An attempt to close a destination *dddddddd* was performed. The destination was already closed.

**Action** No action is required for this informational message.

**ADAA11** **Destination {dddddddd} already open**

**Explanation** An attempt to open a destination *dddddddd* was performed. The destination was already open.

**Action** No action is required for this informational message.

**ADAA12** **The transaction will be backed out and skipped**

**Explanation** Adabas Auditing is backing out and skipping an Audit event because of auditing errors that have occurred. Refer to accompanying messages for an explanation of the error condition that has occurred.

**Action** No action is required for this message but also refer to the action of any accompanying message.

**ADAA13** **Destination {dddddddd} deactivated/activated due to request from ADADBS or AOS**

**Explanation** An action listed was performed for destination *dddddddd*, due to the request from ADADBS/AOS.

**Action** No action is required for this informational message.

**ADAA14** **Destination {dddddddd} deactivated due to Analytics pool full**
**Request from ADADBS**
**Request from AOS**
**SLOG related error**
**SLOG file full**

**Explanation** The destination listed in the message (*dddddddd*) was deactivated, due to the reason specified.

**Action** No action is required for this informational message, if it was expected. If it is unexpected, investigate the reason or any additional messages to identify and correct the problem.

**ADAA15** **Subscription {ssssssss} deactivated due to deactivation of last destination**
**request from ADADBS**
**request from AOS**
**error in subscription processing**

**Explanation** The subscription listed in the message (*ssssssss*) was deactivated, due to the reason specified.

**Action** No action is required for this informational message, if it was expected. If it is unexpected, investigate the reason or any additional messages to identify and correct the problem.

**ADAA16** **Subscription {ssssssss} activated due to request from ADADBS or AOS**

**Explanation** The subscription listed in the message (*ssssssss*) was activated, due to the reason specified.

**Action** No action is required for this informational message, if it was expected. If it is unexpected, investigate the reason or any additional messages to identify and correct the problem.

**ADAA17** **All output subtasks could not be initialized**

**Explanation** One or more Auditing Server subtasks could not be started successfully. One possible reason for this might be that the default subtask wait time is insufficient for your system. Reference SYSALA Global Definitions, for "Subtask Activation Wait Time" to increase the parameter if needed.

**Action** Investigate the reason why this failed or any additional messages, to identify and correct the problem.

**ADAA18** **Unable to acquire a UQE for subscription {ssssssss}**
**Response code {rc}, subcode {sc}**

**Explanation** A UQE is required for processing subscription *ssssssss*. A User Queue Element is used to store pointers to the internal format buffers and other information and could not be acquired. The response code (*rc*) and subcode (*sc*) are given in the message.

**Action** Investigate the response code and subcode to identify and correct the problem.

**ADAA19** **SLOG cleanup process {starting|aborted|completed|halted}**

**Explanation** The SLOG cleanup process status message.

**Action** No action is required for this informational message.

**ADAA1A** **STP=YES not allowed**

**Explanation** STP=YES is an invalid parameter setting.

**Action** Supply correct parameters and rerun the job.

**ADAA1B** **REPLICATION=YES not allowed**

**Explanation** REPLICATION=YES is an invalid parameter setting.

**Action** Supply correct parameters and rerun the job.

**ADAA1C** **RPLPARMS must be =NONE or =FILE**

**Explanation** The RPLPARMS parameter has =BOTH or =PARMS. Those are an invalid RPLPARMS parameter setting for an Auditing server job.

**Action** Supply correct parameters and rerun the job.

**ADAA1D** **NT value is too small; minimum is 15**

**Explanation** The NT value must be at least 15.

**Action** Supply correct parameters and rerun the job.

**ADAA1E** **LU value is too small; minimum is 167,000**

**Explanation** The LU value must be at least 167,000.

**Action** Supply correct parameters and rerun the job.

**ADAA1F** **NAB value is too small; minimum is 41**

**Explanation** The NAB value must be at least 41.

**Action** Supply correct parameters and rerun the job.

**ADAA1G** **Local|Remote ADAvrm/ALAvrm database {dbid} has connected**
**Local|Remote ADAvrm/ALAvrm database {dbid}/{nucid} has connected**

**Explanation** The nucleus has connected to the Auditing Server. The DBID or DBID-nucleus ID (dbid/nucid) combination as well as the Adabas and the Auditing for Adabas versions (ADAvrm/ALAvrm) are shown in the message. In addition, the database is identified as a local or a remote database in the message.

**Action** No action is required for this informational message.

**ADAA1H** **The version of module ADAASP is incompatible with module ADAASF**

**Explanation** The Auditing server, has determined the module ADAASP is incompatible with ADAASF.

**Action** Ensure that all recent updates have been applied and that the load module versions in use are as delivered by Software GmbH. Investigate, correct the problem and rerun the job. If the problem persists, contact your our support representative for assistance.

**ADAA1I** **Rejecting connection from Adabas database {dbid}**
**The Adabas nucleus is running with ADAvrs/ALAvrs**

**Explanation** The Adabas or Auditing for Adabas version running in the Adabas nucleus is incompatible with the Adabas or Auditing for Adabas version running in the Auditing Server nucleus. The software level in the Auditing Server must be greater than or equal to the software level in the source nucleus.

**Action** Analyze the use of the Adabas and Auditing Server nucleuses to determine which versions should be used on each. Then update the software as appropriate. Contact your Software GmbH technical support representative if you need assistance.

**ADAA1J** **One or more errors occurred processing the auditing definitions. See the auditing server output for further information about the errors**

**Explanation** During session startup, one or more errors were found in the auditing definitions.

**Action** Examine the Auditing server output for the error information, make the necessary corrections, and rerun the job.

**ADAA1K** **Unexpected return code X'{xxxxxxxx}' set by auditing parameter processing**

**Explanation** An error occurred while attempting to process auditing parameters. The return code is given in the message.

**Action** Review the return code to determine why the error occurred. Then take appropriate actions to correct the error. If the problem persists, contact your technical support representative for assistance.

**ADAA1L** **Destination {ddddddd} is unavailable**

**Explanation** The destination name *ddddddd* is not available.

**Action** Ensure the destination is correctly defined and assigned.

**ADAA1M** **Error {rrr/sss} occurred initializing messages**

**Explanation** The Auditing Server initializing messages process has failed with Adabas response code and subcode (*rrr*/*sss*) given in the message.

**Action** Investigate the response code and subcode to identify and correct the problem.

**ADAA1N** **Destination {ddddddd} will not be opened**

**Explanation** The destination identified in the message (*ddddddd*) will not be opened. The destination was either defined with SYSALA Destination parameter "Open at Startup = N" or "Open at Startup = G" and the SYSALA Global Definitions parameter "Open at Start = NO".

**Action** No action is required for this informational message.

**ADAA1O** **Database dbid has disconnected**
**Database {dbid} / {nucid} has disconnected**

**Explanation** The nucleus has disconnected from the Auditing Server. The DBID or DBID-nucleus ID combination is shown in the message.

**Action** No action is required for this informational message.

**ADAA1P** **{YYYY.MM.DD HH.MM.SS} Destination {ddddddd}not found**
**{YYYY.MM.DD HH.MM.SS} Subscription {ssssssss} not found**

**Explanation** An operator command DAUDPARM was issued, and the listed destination or subscription was not found. This error is produced because a resource name specified in the command was not valid. The invalid resource name (Destination *ddddddd* or Subscription *ssssssss*) are given in the message.

**Action** Review and correct the command specifications and then rerun it.

**ADAA1Q** **SLOG turned on for destination {ddddddd}**

**Explanation** SLOG processing has been turned on for the destination listed in the message (*ddddddd*).

**Action** No action is required for this informational message.

**ADAA1R** **SLOG turned off for destination {ddddddd}**

**Explanation** SLOG processing has been turned off for the destination listed in the message (*ddddddd*).

**Action** No action is required for this informational message.

**ADAA1S** **Destination {ddddddd} open failed**
**Destination {ddddddd} opened on some tasks**
**Destination {ddddddd} opened on all tasks**

**Explanation** An open request was either successful, partially successful, or failed for the destination listed in the message (*ddddddd*).

**Action** No action is required for this informational message if successful. If there was any type of failure, investigate any additional messages to identify and correct the problem.

**ADAA1T** **Destination {ddddddd} close failed**
**Destination {ddddddd} closed on some tasks**
**Destination {ddddddd} closed on all tasks**

**Explanation** A close request was either successful, partially successful, or failed for the destination listed in the message (*ddddddd*).

**Action** No action is required for this informational message if successful. If there was any type of failure, investigate any additional messages to identify and correct the problem.

**ADAA1U** **{nnn} output subtasks have been detached**

**Explanation** During the Auditing Server shutdown processing, *nnn* output subtasks were detached.

**Action** No action is required for this informational message.

**ADAA1V** **Subtask {nnn} detach error {eee} occurred**

**Explanation** An error occurred while an Auditing Server output subtask was being detached. The subtask number (*nnn*) and the error number (*eee*) are given in the message.

**Action** Auditing Server termination continues. Contact your DBA, system support personnel, or technical support for assistance.

**ADAA1W** **Waiting for the termination of auditing server output subtasks**

**Explanation** The termination of the output subtasks is in progress.

**Action** No action is required for this informational message.

**ADAA1X** **{nnn} output subtasks to be attached**

**Explanation** This message indicates the number *nnn* of subtasks that will be attached.

**Action** No action is required for this informational message.

**ADAA1Y** **Automated reopen has been terminated for destination {ddddddd}**

**Explanation** An attempt to close a destination definition occurred for which pending open retries are still outstanding. The pending open retries are dropped.

**Action** No action is required for this informational message.

**ADAA1Z** **Close request {xxxxxxx} for destination {ddddddd} Open request {xxxxxxx} for destination {ddddddd}**

**Explanation** A Close/Open request, for a destination *ddddddd* , has an action *xxxxxxxx* of received, rejected or invalid.

**Action** If the Close/Open request failed, review associated messages to determine why it failed; then correct the problem if needed. Otherwise, no action is required for this informational message.

**ADAA2A** **{xx,xxx,xxx,xxx} items deleted for destination {ddddddd}**

**Explanation** The number of transactions deleted from the SLOG file during cleanup processes for the destination *ddddddd*.

**Action** No action is required for this informational message.

**ADAA2B** **Unexpected error {xxx} encountered while referencing DATA storage RABN {xx,xxx,xxx,xxx}**

**Explanation** An unexpected error occurred related to the data storage RABN listed in the message.

**Action** Identify and fix the problem from the response code and data storage RABN listed in the message or contact your technical support representative for assistance.

**ADAA2C** **Rejecting connection from Adabas database {xxxxx} due to GETMAIN failure {rc} {sc}**

**Explanation** A GETMAIN failure occurred during connection from Adabas DBid *xxxxx*.

**Action** Identify and fix the problem from the response code subcode rc sc or contact your Software AG technical support representative for assistance.

**ADAA2D** **Format buffer error Subscription {ssssssss},{Request|Client-Info|LUW Client-Info} format buffer**
**Response code {rc}, subcode {sc} field name {fn}**

**Explanation** A Format buffer error occurred during processing of subscription *ssssssss*.

**Action** Identify and fix the problem from the response code subcode rc sc or contact your Software AG technical support representative for assistance.

| | |
|---|---|
| **ADAA2E** | **Open of File destination {dddddddd} failed as ALOG is not active** |
| **Explanation** | An open of file destination *dddddddd* failed as the ALOG is unavailable. |
| **Action** | Investigate why the ALOG is unavailable. If needed, contact your technical support representative for assistance. |

| | |
|---|---|
| **ADAA2F** | **One or more Audit destinations are defined but ALOG is not active** |
| **Explanation** | An open destinations failed as the ALOG is unavailable. |
| **Action** | Investigate why the ALOG is unavailable. If needed, contact your technical support representative for assistance. |

| | |
|---|---|
| **ADAA2G** | **Failed to set conversion attributes to subscription flist encoding for subscription {ssssssss} dbid {nnnnn} file {nnnnn} response code {rc} reason code {rrrrr}**<br>**Failed to set conversion attributes to user encoding** |
| **Explanation** | Subscription filter list encoding or user encoding to set conversion attributes failed for the Dbid/file listed. |
| **Action** | Investigate the failure using the response code *rc* and reason code *rrrrr*. If needed, contact your technical support representative for assistance. |

| | |
|---|---|
| **ADAA2H** | **Subscription {ssssssss} DBID {nnnnn} file {nnnnn} filter {ffffffff} group {ggggg} condition {ccccc} field {fn} error:**<br>**source field type incompatible with target or MU instance not found in Format Buffer**<br>**field specified cannot be used in field level filter**<br>**field type unrecognized**<br>**invalid or out of range FLIST data:** |
| **Explanation** | Subscription filter error has occurred for the Dbid/file listed, giving the filter, group, condition and field. One of four types of errors follows on the next line. |
| **Action** | Investigate the failure and correct as necessary. If needed, contact your Software GmbH technical support representative for assistance. |

| | |
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| **ADAA2I** | **Use of SLOG for input items turned on** |
| **Explanation** | A status of the SLOG is listed in the message. |
| **Action** | No action is required for this informational message, if it was expected. If it is unexpected, investigate the reason or any additional messages to identify and correct the problem. |

**ADAA2J** **Use of SLOG for input items turned off**

**Explanation** A status of the SLOG is listed in the message.

**Action** No action is required for this informational message, if it was expected. If it is unexpected, investigate the reason or any additional messages to identify and correct the problem.

**ADAA2K** **Use of SLOG for input items suspended**

**Explanation** A status of the SLOG is listed in the message.

**Action** No action is required for this informational message, if it was expected. If it is unexpected, investigate the reason or any additional messages to identify and correct the problem.

**ADAA2L** **Use of SLOG for input items no longer suspended**

**Explanation** A status of the SLOG is listed in the message.

**Action** No action is required for this informational message, if it was expected. If it is unexpected, investigate the reason or any additional messages to identify and correct the problem.

**ADAA2M** **Use of SLOG for input items disabled**

**Explanation** A status of the SLOG is listed in the message.

**Action** No action is required for this informational message, if it was expected. If it is unexpected, investigate the reason or any additional messages to identify and correct the problem.

**ADAA2O** **Warning: LOGINPUT is set to ALL or 1-99 and the SLOG system file is not loaded**

**Explanation** The parameter "LOG INPUT" in SYSALA Global Defitions is set to ALL or 1-99, and the SLOG system file is not defined.

**Action** If a SLOG file is required, define a SLOG file or change the parameter to NO.

**ADAA2P** **Data found in SLOG for input items**
**The input items on the SLOG system file contain only FCB/FDT data**

**Explanation** A Data status of the SLOG is listed in the message.

**Action** No action is required for this informational message, if it was expected. If it is unexpected, investigate the reason or any additional messages to identify and correct the problem.

**ADAA2Q** **Error during subscription processing:**
**Subscription {ssssssss},**
**Response code {rc}, subcode {sc}, field name '{fn}'**

**Explanation** The subscription listed in the message (*ssssssss*) had an error during processing.

**Action** Investigate the response code *rc*, subcode *sc* for the field name listed. Identify and correct the problem.

**ADAA2R** **ADAARP for DBID {nnnnn} connected, token {nnnnn}**

**Explanation** An instance of the ADAARP utility has established a session with the Auditing Server for the database identified in the message. The token number it has been assigned is also listed in the message and can be used to track the session.

**Action** No action is required for this informational message.

**ADAA2S** **ADAARP for DBID {nnnnn} disconnected,**
**token {nnnnn} Total number of items processed:**

**Explanation** An instance of the ADAARP utility has terminated its session with the Auditing Server for the database identified in the message. The token number is also listed in the message and identifies the terminating session. The total number of transactions processed by the ADAARP utility is also given in the message.

**Action** No action is required for this informational message.

**ADAA2T** **Replay process ended successfully**

**Explanation** The replay process referred to in the preceding ADAA2S message ended successfully. The Auditing Server returns response code 0 (ADARSP000) to the disconnecting ADAARP.

**Action** No action is required for this informational message.

**ADAA2U** **Replay process ended with response code {rc}, subcode {sc}**

**Explanation** The replay process referred to in the preceding ADAA2S message has encountered an error. The response code and subcode shown in the message is returned by the Auditing Server to ADAARP.

**Action** Investigate the cause of the error, correct it, and run a new replay job.

**ADAA2V** **AUDCLEANUP unable to find any active Tokens**

**Explanation** There are two possible reasons for this message. Either you entered an AUDCLEANUP=ALL operator command and there were no ADAARP replay operations in progress, or you entered an AUDCLEANUP=token operator command and there was no ADAARP replay operation in progress with the specified token.

**Action** Supply a token for a replay operation that is in progress or start some ADAARP replay operations. The operator command DAUDSTAT can be used to identify active ADAARP replay tokens.

**ADAA2W** **Messaging system error detected. The automatic open of the following input queues|destinations will be skipped: {def-names}**

**Explanation** The automatic open of the input queue or destination definitions listed in the message (def-names) are skipped due to messaging system errors. Subsequent open attempts for the same messaging system manager and for the listed destinations or input queues will be skipped until their retry interval expires again.

**Action** No action is required for this informational message. Review other messages preceding this one that describe the open or connect failure and react accordingly.

**ADAA2X** **date time ADAARP process is running**

**Explanation** The replay process is running.

**Action** No action is necessary for this informational message.

**ADAA2Z** **Destination <dest> is being closed**

**Explanation** The destination <dest> is being marked for closure. Refer to accompanying messages for an explanation of the reason for the closure.

**Action** Investigate any issues highlighted by accompanying messages. Correct these issues and, if appropriate, re-open the destination.

**ADAA54** **Auditing error: Adabas destination <dest> Source DBID <sdbid> FNR <sfnr>, Target DBID <tdbid> FNR <tfnr>**

**Explanation** The writing of audit data to the destination <dest> has failed because the status of the target file is unexpected. Refer to accompanying messages for an explanation of the failure.

**Action** Check console messages and DDPRINT for accompanying messages.

**ADAA55** **cc <cmd> to DBID <dbid> FNR <fnr> RSP <rsp> Subcode <sub>**

**Explanation** The Adabas command <cmd> issued to DBID <dbid> and FNR <fnr> has failed with response code <rsp> and subcode <sub>. The command did not complete on the target database.

**Action** Review the meaning of the response and subcode and correct the problem.

**ADAA56** **Audit ID mismatch on the input and target files for …**

**Explanation** The Audit ID of the Adabas destination Input DBID/File does not match the Audit ID of the Adabas destination Target DBID/File. This message is immediately followed by an ADAA58 message identifying the involved destination and corresponding subscription.

**Action** Using the destination <dest> from the accompanying ADAA58 message to identify the Input DBID/File and the Target DBID/File, use ADAREP to compare the Audit IDs of these two files. For information on creating an Adabas destination target file refer to section *Preparation of Adabas Destination Target Files*.

**ADAA57** **Audit ID is not set in the target file of …**

**Explanation** The Audit ID of the Adabas destination Target DBID/File is not set. This message is immediately followed by an ADAA58 message identifying the involved destination and corresponding subscription.

**Action** Using the destination <dest> from the accompanying ADAA58 message to identify the Target DBID/File, use ADAREP to check the presence of an Audit ID for the file. For information on creating an Adabas destination target file refer to section *Preparation of Adabas Destination Target Files*.

**ADAA58** **destination <dest> listed on subscription <subscr>**

**Explanation** This message accompanies ADAA56 and ADAA57 messages and identifies the involved destination <dest> and corresponding subscription <subscr>.

**Action** Refer to the action description for the preceding ADAA56 or ADAA57 message.

**ADAA81** **Server initialization terminated at the request of ...**

**Explanation** This message indicates an error has occurred initializing the destination class routine for a destination type of Broker, MQ, or Null and is accompanied by messages ADAA82 and ADAA83.

**Action** Check all necessary modules are available in the Audit Server's STEPLIB concatenation.

**ADAA82** **destination output exit <name>**

**Explanation** This message accompanies ADAA81 where <name> identifies the destination output exit.

**Action** Check all necessary modules are available in the Audit Server's STEPLIB concatenation.

**ADAA83** **for destination <dest>**

**Explanation** This message accompanies ADAA81 and ADAA82 where <dest> indicates the destination name.

**Action** This message accompanies ADAA81 and ADAA82 where <dest> indicates the destination name.

**ADAAE0** **{YYYY.MM.DD HH.MM.SS} Auditing statistics:**
**Total items ... :**
**Pending items :**
**Incomplete items:**

**Explanation** The Adabas nucleus has responded to an operator command of 'DAUDSTAT,GLOBALS'. There may be extensions to the DAUDSTAT command, that has additional information to be displayed.

**Action** No action is required for these informational messages. Reference the 'DAUDSTAT Command against an Adabas Nucleus' documentation for additional information.

**ADAAE1** **Auditing deactivated for file {nnnnn} due to {auditing pool full | request from ADADBS | request from AOS}**

**Explanation** The Adabas nucleus deactivated auditing for the listed file, for the specified reason, if it was available.

**Action** Investigate the informational error message if it was unexpected. Correct it and rerun the job.

**ADAAE2** **Auditing activated for file {nnnnn}**
**due to request from ADADBS/AOS**

**Explanation** Auditing was activated for file *nnnnn* due to the specified reason.

**Action** No action is required for this informational message. If it was unexpected, investigate the reason.

**ADAAE3** **{YYYY.MM.DD HH.MM.SS}File related Auditing statistics:**
**File Total Pending Incomplete**
**----------**
**{nnnnn}**
**OR**
**{YYYY.MM.DD HH.MM.SS} no file found with auditing active.**

**Explanation** The Adabas nucleus has responded to an operator command of "DAUDSTAT,F=ALL" or "DAUDSTAT,F=nnnnn". There may be extensions to the DAUDSTAT command, that has additional information to be displayed.

**Action** No action is required for these informational messages. Reference the "DAUDSTAT Command against an Adabas Nucleus" documentation for additional information.

**ADAAE4** **Warning during FACCFIELDS validation: Field {xx} is not defined in file {nnnn}**

**Explanation** The Adabas nucleus ADAANP input for the listed file has FACCDS=FIELDS for access commands. Field XX is specified for parameter FACCFIELDS and is not defined in the file.

**Action** Correct your ADAANP parameters FACCDS and FACCFIELDS as required, for the listed file number and rerun the job.

**ADAAE5** **Warning during FUPDFIELDS validation: Field {xx} is not defined in file {nnnnn} or is a special descriptor**

**Explanation** The Adabas nucleus ADAANP input for the listed file, has FUPDAI|FUPDBI =FIELDS for update commands. Field XX is specified for parameter FUPDFIELDS and is not defined in the file or is a special descriptor.

**Action** Correct your ADAANP parameters FUPDAI|FUPDBI and FUPDFIELDS as required, for the listed file number and rerun the job.

**ADAAE6** **{YYYY.MM.DD HH.MM.SS} No connection attempts will be made as a result of the AUDCONNECT request**

**Explanation** The Adabas nucleus has responded to an operator command of "AUDCONNECT=ALL" or "AUDCONNECT=*nnnnn*" and that attempt has failed.

**Action** Examine the prior console log for additional messages. If it is an unexpected message, reference the AUDCONNECT Command operator command documentation for additional information.

**ADAAE7** **Cannot validate Audit Name for file {nnnnn}**

**Explanation** The file was specified to be audited in the ADAANP definitions, but the Adabas nucleus was unable to verify the Audit Name.

**Action** Ensure the specified file is loaded and correctly configured for Auditing, or remove the file from the ADAANP statements.

**ADAAEA** **AUDITING=YES may not be specified for a Replicator database**

**Explanation** Conflicting parameters - AUDITING=YES not allowed for an Event Replicator Server database.

**Action** Supply correct parameters and rerun the job.

**ADAAEB** **AUDITING=YES is not allowed with DTP=TM**

**Explanation** Conflicting parameters - DTP=TM is not allowed for an Adabas running with Auditing.

**Action** Supply correct parameters and rerun the job.

**ADAAEC** **AUDITING=YES is not allowed with MODE=SINGLE**

**Explanation** Conflicting parameters - MODE=SINGLE is not allowed for an Adabas running with Auditing.

**Action** Supply correct parameters and rerun the job.

**ADAAED** **Auditing server {dbid} has disconnected**

**Explanation** The Auditing Server listed in the message has disconnected from the nucleus.

**Action** No action is required for this informational message.

**ADAAEE** **Load of ADAANP failed**

**Explanation** The Adabas nucleus failed at loading module ADAANP. Execution cannot continue.

**Action** Review console log for additional related messages and check library allocation for Auditing modules.

**ADAAEF** **Terminating with auditing data outstanding for the following:**
**Auditing server {xxxxx}**
**File {xxxxx}**

**Explanation** The nucleus is terminating, and auditing data for the file listed is outstanding for the Auditing server listed.

**Action** Review console log for additional related messages as to why the auditing information was not delivered. Take the necessary corrective action for your environment for this information presented.

**ADAAEG** **{yyyy.mm.dd hh.mm.ss} A connection will be attempted with server {nnnnn}**

**Explanation** The nucleus is attempting to connect to the Auditing Server listed in the message.

**Action** No action is required for this informational message. If it is unexpected, investigate further.

**ADAAEH** **Connected to local auditing server {xxxxx}**

**Explanation** The nucleus has successfully connected to the Auditing Server listed in the message.

**Action** No action is required for this informational message. If it is unexpected, investigate further.

**ADAAEI** **Reconnected to local auditing server {xxxxx}**

**Explanation** The nucleus has successfully reconnected to the Auditing Server listed in the message.

**Action** No action is required for this informational message. If it is unexpected, investigate further.

**ADAAEJ** **Waiting for auditing data to be processed by auditing server {xxxxx}**

**Explanation** The nucleus is waiting for the Auditing server listed in the message to finish processing data. When the Auditing server has completed the work, the nucleus will terminate.

**Action** Start the Auditing server if it is not currently active.

**ADAAEK** **Disconnected from auditing server {xxxxx}**

**Explanation** The Adabas nucleus has disconnected from the Auditing Server listed in the message.

**Action** No action is required for this informational message. If it is unexpected, investigate further.

**ADAAEL** **Disconnecting from auditing server {xxxxx} failed with response {xxxxx}/ {xxxxx}**

**Explanation** The nucleus is disconnecting from the Auditing server listed and this process has failed with the response/subcode listed.

**Action** Review the response/subcode information as to why the disconnect failed. Take the necessary corrective action for your environment.

**ADAAEM** **Auditing server {xxxxx} shutting down**

**Explanation** The Auditing server has communicated with the nucleus that it is shutting down.

**Action** No action is required for this informational message. If it is unexpected, investigate further.

**ADAAEN** **Connect to target {xxxxx} failed, it is not an auditing server**

**Explanation** The nucleus has tried to connect to a DBid that is not an Auditing server.

**Action** Review your Auditing parameters, correct as necessary, and execute the job again.

**ADAAEO** **Connect to auditing server {xxxxx} failed, the level of the auditing server is incompatible with this Adabas nucleus**

**Explanation** The nucleus has tried to connect to an Auditing server, however the Adabas nucleus version is not compatible with the Auditing server version.

**Action** Review your current Auditing documentation, for correct Adabas version compatibility. Perform necessary changes to match versions compatibility correctly.

**ADAAEP** **Connect to auditing server {xxxxx} failed with response {xxxxx}/ {xxxxx}**

**Explanation** The nucleus tried to connect to the Auditing server listed in the message, and the connection failed with the response code and subcode given.

**Action** Investigate the response code and subcode to identify and correct the problem.

**ADAAEQ** **Auditing server {xxxxx} not present**

**Explanation** The nucleus has tried to connect to the Auditing server listed in the message, however it was unavailable.

**Action** Start the listed Auditing server.

**ADAAER** **Sending data to auditing server {xxxxx} failed with response code {xxxxx}/ {xxxxx}**

**Explanation** The nucleus tried to send data to the Auditing server listed in the message, and it failed with the response code and subcode given.

**Action** Investigate the response code and subcode to identify and correct the problem.

**ADAAES** **The version of module ADAANP is incompatible with module ADAANF**

**Explanation** The nucleus, while reading the auditing definitions, has determined the module ADAANP is incompatible with ADAANF.

**Action** Ensure that all recent updates have been applied and that the load module versions in use are as delivered by Software GmbH. Investigate, correct the problem and rerun the job. If the problem persists, contact your our support representative for assistance.

**ADAAET** **One or more errors occurred processing the auditing definitions**
**See the nucleus output for further information about the errors**

**Explanation** The nucleus, while reading the auditing definitions, has found errors.

**Action** Investigate the Adabas nucleus output for the Auditing definition error found, correct the issue, and rerun the job.

**ADAAEU** **Unexpected return code X''{xxxxxxxx}'' set by auditing parameter processing**

**Explanation** The nucleus, while reading the auditing definitions, has received an unexpected return code from ADAANP.

**Action** Investigate the Adabas nucleus output for the Auditing definition error found, and/or ensure that the module in the Adabas load library concatenation is the correct version. Investigate, correct the problem, and rerun the job.

**ADAAEV** **{YYYY.MM.DD HH.MM.SS} Auditing definitions:**
**{YYYY.MM.DD HH.MM.SS} Database definitions:**
**{YYYY.MM.DD HH.MM.SS} Database Serverid :**
**{YYYY.MM.DD HH.MM.SS} Database Admin ... :**
**{YYYY.MM.DD HH.MM.SS} Database DDL ..... :**
**{YYYY.MM.DD HH.MM.SS} Database Oper .... :**

**Explanation** The Adabas nucleus has responded to an operator command of "DAUDPARM,DATABASE". Other DAUDPARM extensions that use the ADAAEV prefix are Globals, or File parameters.

**Action** No action is required for these informational messages. Please see the "DAUDPARM Command against an Adabas Nucleus" documentation for additional information.

**ADAAEW** **Collection of auditing data for access commands for file {nnnnn} will not be controlled by field names**

**Explanation** The Adabas nucleus ADAANP input for the listed file, has FACCDS=FIELDS for access commands, however there are no fields specified for parameter FACCFIELDS.

**Action** Correct your ADAANP parameters FACCDS and FACCFIELDS as required, for the listed file number.

**ADAAEX** **Auditing server {nnnnn} has requested a connection. No connection will be made because this nucleus is not sending data to auditing server {nnnnn}**

**Explanation** The Adabas nucleus ADAANP input, does not have the Auditing server DBid of *nnnnn* for GSERVERID or DSERVERID, or for a specific file FSERVERID, thus the connection is refused.

**Action** Correct your ADAANP parameters, or correct SYSALA Subscription parameters for the Auditing server nnnnn and rerun the job.

**ADAAEY** **A connection was requested by auditing server ID {nnnnn}. No connection will be made since ADARUN AUDITING=NO was specified.**

**Explanation** The Adabas nucleus has AUDITING=NO, has received a connection request from the listed Auditing server, and refused that connection.

**Action** Verify and correct your parameter input for the Adabas nucleus and/or SYSALA subscriptions for the Auditing server, if this was an unexpected message. Rerun jobs as required.

**ADAAEZ** **{YYYY.MM.DD HH.MM.SS} Error processing type-in:**
**{YYYY.MM.DD HH.MM.SS} Invalid file number:**
**{YYYY.MM.DD HH.MM.SS} File xxxxx is greater than MAXFILES**
**{YYYY.MM.DD HH.MM.SS} Descending file range not allowed**
**{YYYY.MM.DD HH.MM.SS} Duplicate file numbers not allowed:**
**{YYYY.MM.DD HH.MM.SS} Overlapping file ranges not allowed**

**Explanation** The Adabas nucleus, while processing the ADAANP input, has found an error(s), and listed out one or more of the above messages.

**Action** Correct your ADAANP parameters as needed per the messages and rerun the job.

**ADAAJ2** **The value 'x' is invalid in subscription {subs-id}**
**DBID/FNR = nnnnn/nnnnn for {phrase1}**
**Valid values are {phrase2}**

**Explanation** A value read from the subscription *subs-id* defined in the ALA system file is incorrect. The value is listed as 'x' above, the DBID/FNR is identified, and the name of the incorrect value is listed, i.e. *phrase1* might be "*send insert data image*". An expected valid value is listed, *phrase2*, an example being 'Y' or 'N'.

**Action** Using the AMN or SYSALA editor for the ALA system file, verify the subscription, dbid/fnr, and the name of the incorrect value (*phrase1*). Correct if necessary (*phrase2* values). Also contact your our support representative with the contents of the message.

**ADAAJ3** **The Adabas Destination File record is invalid. Subsequent Destination File record of {ddddddddd} will be ignored**

**Explanation** An invalid value was encountered while reading the record for a destination file of this destination. Subsequent destination file records will be skipped, and the destination itself won't be loaded.

**Action** Verify Auditing is configured correctly. If the problem persists, contact your technical support representative for assistance.

**ADAAK2** **Filter {xxxxxxxx} source field name {xx}. Invalid value '{/X'xxxxxxxx}' for keyword**

**Explanation** The field name *xx* in filter *xxxxxxxxx* has an invalid keyword value as reported in the message.

**Action** Investigate the cause of the error, correct it, and restart the Audit Server.

**ADAAK3** **Misuse of A( ) or X( ) notation**

**Explanation** The notation was specified incorrectly.

**Action** Investigate the cause of the error, correct it, and restart the Audit Server.

**ADAAK4** **Misuse of wildcharacter in value**

**Explanation** The wildcharacter notation was specified incorrectly.

**Action** Investigate the cause of the error, correct it, and restart the Audit Server.

**ADAAK8** **Global Format {xxxxxxxx} has an invalid length**

**Explanation** The Global Format *xxxxxxxx* length is invalid. Maximum size is 32767.

**Action** Investigate the cause of the error, correct it, and restart the Audit Server.

**ADAAKX** **Requested storage exceeds maximum GETMAIN of 2,147,483,647 bytes**

**Explanation** A GETMAIN storage request would have exceeded the maximum amount that can be requested. Review the global definition settings for Subtasks and Maximum output size. The number of Subtasks + 1 for the main task is multiplied by the Maximum output size.

In addition, storage for additional control blocks related to the number of Subtasks, is added to the total and the result is used in the GETMAIN storage request.

**Action** Either reduce the size of the Maximum output size or reduce the number of Subtasks, so that the GETMAIN size is less than the maximum size allowed.

**ADAALA** **For Subscription xxxxxxxx. Format xxxxxxxx not found in format definitions**

**Explanation** The format *xxxxxxxx* defined for Subscription *xxxxxxxx* was not found in the format definitions.

**Action** Investigate the cause of the error, correct it, and restart the Audit Server.

**ADAALB** **Subscription {subs-id} database {dbid} file {nn}. {before|after|key image} uses global format buffer {gfb}. This global format buffer contains field table information. It may not be used by more than one combination of database and file.**

**Explanation** A global format buffer (GFB) definition contains a field table and is used for more than one combination of database ID and file number. This is not allowed.

**Action** Correct the subscription so that the GFB field table is used for a single combination of database ID and file number.

**ADAALC** **Subscription {subs-id} database {dbid} file {nn}. {before|after|key} image uses global format buffer {gfb}. This global format buffer is also used by subscription {subs-id} database {dbid} file {nn}.**

**Explanation** A global format buffer (GFB) definition is used by a subscription for the same file number on different databases. This is not allowed.

**Action** Correct the subscription so that the GFB is used properly.

**ADAALD** **GFORMAT xxxxxxxx is not unique**

**Explanation** Duplicate names for global format definitions have been found.

**Action** Check the parameter input, correct the error, and restart the Audit Server.

**ADAALE** **Subscription {xxxxxxxx} Global and Local format buffers are mutually exclusive**

**Explanation** A global or a local format may be specified, but not both.

**Action** Check the parameter input, correct the error, and restart the Audit Server.

**ADAALJ** **Invalid hexadecimal input for X( ) notation**

**Explanation** The hexadecimal value was invalid.

**Action** Investigate the cause of the error, correct it, and restart the Audit Server.

**ADAALK** **Filter {xxxxxxxx}, Group {xxxx}, Condition {xxxx} inconsistent with value list**

**Explanation** A value list cannot be used with the specified condition.

**Action** Investigate the cause of the error, correct it, and restart the Audit Server.

**ADAALL** **Global filter format {xxxxxxxx} not found in Global format definitions**

**Explanation** The filter format ID *xxxxxxxx* does not match a global format.

**Action** Investigate the cause of the error, correct it, and restart the Audit Server.

**ADAALM** **Subscription {xxxxxxxx} has been deactivated**

**Explanation** The subscription *xxxxxxxx* was deactivated because of an error.

**Action** Ensure the Audit Server is running with an ALOG defined if you wish to use destinations of type AUDIT.

**ADAALP** **Filter {xxxxxxxx}; target field not allowed**

**Explanation** For a request or client filter, the target can only be one or more values. The target cannot be a field. The subscription is deactivated.

**Action** Correct the filter to use a value as the target of the compare.

**ADAALQ** **Unable to allocate storage for Destination File. Subsequent Destination File records of {ddddddd} will be ignored.**

**Explanation** Unable to allocate storage while reading the record for a destination file of this destination. Subsequent destination file records will be skipped, and the destination itself won't be loaded.

**Action** Ensure the Audit Server is given adequate resources. If the problem persists, contact a support representative for assistance.

**ADAALT** **Destination Files of {dddddddd} are not unique. The later Destination File will not be loaded**

**Explanation** The Adabas destination has multiple destination files defined with the same input DBID and FNR. Only the first destination file encountered for this DBID and FNR will be loaded.

**Action** Consider re-configuring this Adabas destination so that only one destination file is specified per input DBID and FNR.

**ADAALU** **Adabas Destination {dddddddd} is specified in more than one subscription**

**Explanation** Adabas destinations may only be used by at most one subscription.

**Action** Remove the Adabas destination from all but one subscription.

**ADAALV** **There are Destination File(s) in Adabas Destination {dddddddd} without Subscription File counterpart(s) in subscription {ssssssss}**

**Explanation** An Adabas destination cannot have destination files that specify an input DBID and FNR for which the subscription that uses the definition hasn't defined a corresponding subscription file.

**Action** Remove the unused destination files or add the required subscription files.

**ADAALW** **The value {aaaaaaaa} in destination {dddddddd} is invalid for DCLASS. Valid values are 'SAGTARG' or 'SAGTRGB'**

**Explanation** An invalid value was encountered in the DCLASS field while reading the record for this destination.

**Action** Verify Auditing is configured correctly. If the problem persists, contact a support representative for assistance.

**ADAALX** **AUDMAP mappings <name> loaded for GFFT <gfft>**
**AUDMAP mappings for <field-1> through <field-2> applied for GFFT <gfft>**
**AUDMAP error: Ignoring mapping: <entry>**

**Explanation** These messages indicate the use of the AUDMAP mapping macro to resolve duplicate short field names between the application Input file and the distributed audit short field names. In the order listed above, the messages indicate:

- an AUDMAP load module has been successfully loaded
- an AUDMAP load module has been successfully processed
- an error occurred during the processing of an AUDMAP entry identified by <entry>

**Action** If an "AUDMAP error" message is issued, a preceding ADAALX message will identify <name> as the name of the load module being processed at the time of the error. The information <entry> may then be used to identify the specific AUDMAP mapping entry in error within that load module.

Refer to the "AUDMAP Mapping Macro" within the section *Preparation of Adabas Targets for Standard Subscriptions* for more information on the use of AUDMAP.

**ADAALY** **The value 'x' in destination {dddddddd} is invalid for single or multi output records. Valid values are 'S' or 'M'**

**Explanation** An invalid value for the single/multi field was encountered while reading the record for this destination.

**Action** Verify Auditing is configured correctly. If the problem persists, contact your technical support representative for assistance.

**ADAALZ** **The value {xxx} is invalid for maximum number of parallel Adabas calls. Valid values are 1 - 15**

**Explanation** An invalid number specified for number of parallel Adabas calls while reading the record for this destination.

**Action** Verify Auditing is configured correctly. If the problem persists, contact your technical support representative for assistance.

**ADAAP0** **All files within the FLIST parameter are invalid**
**The group of file definitions will not be used**

**Explanation** All the files specified in the FLIST parameter were invalid and will not be use.

**Action** Check the parameter; correct the error and rerun the job.

**ADAAP1** **No server ID was specified for file definition**
**File definition {xxxxx} will be discarded**

**Explanation** The file definition xxxxx does not have a server ID. The file definition will be discarded.

**Action** Specify the server ID for the file definition and rerun the job.

**ADAAP2** **File {nnnnn} is incorrectly specified in both file definitions {yyyyy} and {zzzzz}**
**File definition {yyyyy} will not be used for file {nnnnn}**

**Explanation** The file *nnnnn* is specified in both of the listed definitions. The definition *zzzzz* will be used for file *nnnnn*.

**Action** Check the parameter input, correct the error, and rerun the job as needed.

**ADAAP3** **The parameter must be within a group of database parameters**

**Explanation** The parameter listed is improperly misplaced for database parameter(s) processing.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAAP4** **Parameter DSERVERID must be in the range 1 – 65535**

**Explanation** The parameter DSERVERID has an invalid value specified.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAAP5** **Parameter DSERVERID must not be equal to the current database ID**

**Explanation** The parameter DSERVERID has an invalid value specified.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAAPA** **Internal error occurred in ADAANP. Register contents:**

**Explanation** An internal error occured while processing the ADAANP input parameters. The Register information is output in the message text.

**Action** Check the JCL and job log for other errors. contact your nearest representative with the information provided.

**ADAAPB** **Error opening ADAANP file**

**Explanation** The cause is probably a misspelled keyword or file name.

**Action** Check the JCL; correct the error and rerun the job.

**ADAAPC** **I/O error reading ADAANP file**

**Explanation** The cause is probably a misspelled keyword or file name.

**Action** Check the JCL; correct the error and rerun the job.

**ADAAPD** **Parameter error, name not ADAANP**

**Explanation** The cause is probably a misspelled keyword.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAAPE** **Parameter error, missing separator**

**Explanation** The cause is probably a missing separator or a misspelled keyword.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAAPF** **Parameter error, invalid syntax**

**Explanation** The cause is probably incorrect parameter input.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAAPG** **Parameter error, keyword not unique**

**Explanation** The cause is probably incorrect parameter input.

**Action** Check the parameter input, supply the correct keyword in full length, and rerun the job.

**ADAAPH** **Parameter error, unknown parameter**

**Explanation** The cause is probably a misspelled keyword.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAAPI** **Parameter error, too many values in list**

**Explanation** The cause is probably a misspelled keyword.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAAPJ** **GETMAIN error - not enough memory**
**Requested {xx,xxx,xxx,xxx} bytes acquired {xx,xxx,xxx,xxx} bytes**

**Explanation** Getmain for a specified area failed or there was insufficient storage available.

**Action** Rectify the Getmain problem and rerun the job.

**ADAAPK** **Input file record format is not fixed**

**Explanation** The cause is probably a misspelled keyword or file name.

**Action** Check the JCL; correct the error and rerun the job.

**ADAAPL** **Input file record length is not 80**

**Explanation** The cause is probably a misspelled keyword or file name.

**Action** Check the JCL; correct the error and rerun the job.

**ADAAPM** **The parameter must be within a group of file parameters**

**Explanation** The parameter listed is improperly misplaced for file parameter(s) processing.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAAPN** **The parameter must be within a group of global parameters**

**Explanation** The parameter listed is improperly misplaced for global parameter(s) processing.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAAPO** **Only YES or NO are valid values for parameter**

**Explanation** The parameter listed has an invalid value specified. Only YES or NO are valid values.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAAPP** **Only YES, NO, or FIELDS are valid values for parameter**

**Explanation** The parameter listed has an invalid value specified. Only YES or NO or FIELDS are valid values.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAAPQ** **Invalid Adabas field name xx contained in parameter**

**Explanation** The parameter listed has an invalid Adabas field name xx specified.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAAPR** **Parameter FSERVERID must be in the range 1 – 65535**

**Explanation** The parameter FSERVERID has an invalid value specified.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAAPS** **Parameter GAPWARNINCREMENT must be in the range 1 – 99**

**Explanation** The parameter GAPWARNINCREMENT has an invalid value specified.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAAPT** **Parameter GAPWARNINTERVAL must be nonzero**

**Explanation** The parameter GAPWARNINTERVAL has an invalid value specified.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAAPU** **Parameter GAPWARNMESSAGELIMIT must be nonzero**

**Explanation** The parameter GAPWARNMESSAGELIMIT has an invalid value specified.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAAPV** **Parameter GAPWARNPERCENT must be in the range 0 - 99**

**Explanation** The parameter GAPWARNPERCENT has an invalid value specified.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAAPW** **Parameter FSERVERID must not be equal to the current database ID**

**Explanation** The parameter FSERVERID has an invalid value specified.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAAPX** **Parameter FLIST contains invalid file number**
**From file number will be set to 1**
**To file number will be set to maximum file number**

**Explanation** The parameter FLIST has an invalid file number specified. The range defaults to the listed values.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAAPY** **Required FLIST parameter is missing from the group of file parameters**
**The group of file definitions will not be used**

**Explanation** The parameter FLIST is required for the file parameters definition.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAAPZ** **The file definition will not be used due to the GETMAIN failure**

**Explanation** Getmain for a specified area failed or there was insufficient storage available.

**Action** Rectify the Getmain problem and rerun the job.

**ADAATA** **Load failed for {mmmmmmmm}**

**Explanation** The load of the ADAABK/ADAAMT module has failed. The module name is given as *mmmmmmmm*.

**Action** Ensure the given module is available to the Auditing Server. Contact your DBA, system support personnel, or technical support if further assistance is needed.

**ADAATB** **{YYYYYY} INIT call failed**

**Explanation** An error occurred during the initialization phase of *YYYYYY*. Where *YYYYYY* is either ADAABK or ADAAMQ and the text is followed by either 'GETMAIN failed' or the return code and reason code.

**Action** Determine the reason for the failure based on the supplied reason code and correct the condition. Contact your DBA, system support personnel, or technical support if further assistance is needed.

**ADAATC** **Connect failed Error info**

**Explanation** The Connect to the messaging system failed. The second line contains the Broker ID or the MQSeries queue manager name. The third line contains the error information.

**Action** Determine the reason for the failure based on the supplied reason code and correct the condition. Contact your DBA, system support personnel, or technical support if further assistance is needed.

**ADAATF** **Disconnect failed Error info**

**Explanation** The Disconnect to the messaging system failed. The second line contains the Broker ID or the MQSeries queue manager name. The third line contains the error information.

**Action** Determine the reason for the failure based on the supplied reason code and correct the condition. Contact your DBA, system support personnel, or technical support if further assistance is needed.

**ADAATG** **{YYYYYY} TERM call failed**

**Explanation** An error occurred during the termination phase of *YYYYYY*. Where *YYYYYY* is either ADAABK or ADAAMQ and the text is followed by return code and reason code.

**Action** Determine the reason for the failure based on the supplied reason code and correct the condition. Contact your DBA, system support personnel, or technical support if further assistance is needed.

**ADAATH** **Delete failed for {YYYYYY}**

**Explanation** An attempt to delete the module *YYYYYY* from storage failed. Where *YYYYYY* is either ADAABK or ADAAMQ. This should not occur and should be reported to your local support center.

**Action** Contact your local support center.

# 21 ADACM* - ADATCP Messages

**ADACM007E** **PARM ERROR**

**Explanation** One of the parameters passed within the URL was incorrect.

**Action** Ensure that the URL includes valid values for all required elements: the API name (protocol), stack ID, and port number. Correct the URL and try again.

**ADACM008E** **INVALID VALUE IN PORT= PARAMETER**

**Explanation** The port that was specified in the URL was not valid.

**Action** The port number can be 1-5 bytes; it cannot be zero (0) or greater than 65535.

**ADACM009E** **URL=url ALREADY {ACTIVE | CLOSED}**

**Explanation** Either the URL is already opened (ACTIVE) or already closed (CLOSED).

**Action** Ensure that the URL includes valid values for all required elements: the API name (protocol), stack ID, and port number. Correct the URL and try again.

**ADACM010E** **URL=url NOT FOUND**

**Explanation** The URL itself was not found.

**Action** Ensure that the URL includes valid values for all required elements: the API name (protocol), stack ID, and port number. Correct the URL and try again.

**ADACM011I** **URL=url HAS BEEN {CLOSED | OPENED}**

**Explanation** Either the URL was successfully closed or opened.

**Action** None. This message is for information only.

**ADACM012E** **THE NETWORK IS DOWN**

**Explanation** ADATCP cannot be started because the network is not active.

**Action** Check that the stack specified in the URL is active. If it is, contact your systems administrator.

**ADACM013E** **NO BUFFER SPACE IS AVAILABLE**

**Explanation** No buffer space is available to ADATCP to allocate its control blocks.

**Action** Ensure that sufficient storage is available on the system.

**ADACM014E** **THE LINK HAS BEEN SEVERED**

**Explanation** An error caused TCP/IP or ADATCP to terminate.

**Action** This message is issued along with another message that explains the reason for the termination. Refer to the other message.

**ADACM015E** **TCP/IP IS NOT INSTALLED OR ACTIVE**

**Explanation** The TCP/IP stack specified in the URL is not installed or not active.

**Action** Check that the specified URL is the one intended. If so, either install the specified stack or start it.

**ADACM016E** **THE SOCKET DESCRIPTOR TABLE IS FULL**

**Explanation** The maximum number of socket descriptors has been reached: no more sockets can be created.

**Action** Increase the maximum number of sockets that can be created.

**ADACM017I** **TCP/IP HAS TERMINATED**

**Explanation** Unless this message is accompanied by an error message, TCP/IP has terminated normally.

**Action** If an error message accompanies this message, refer to that message. Otherwise, this message is for information only.

**ADACM018E** **THE API CANNOT LOCATE THE TCP/IP SPECIFIED**

**Explanation** The stack specified in the URL is not valid: TCP/IP cannot initialize.

**Action** Ensure that the stack is available on the system and that it is active.

**ADACM019E** **THE TCP/IP NAME SPECIFIED IS NOT VALID**

**Explanation** The TCP/IP name specified in the URL is not valid.

**Action** Check that the URL contains the correct stack name. If so, ensure that the stack is available on the system and that it is active.

**ADACM020E** **TCP/IP FAILED TO LOAD**

**Explanation** The TCP/IP stack specified in the URL cannot be initialized.

**Action** Ensure that the TCP/IP stack specified is correct and that it is active. If it is correct and active, contact the systems administrator.

**ADACM021E** **UNABLE TO ALLOCATE STORAGE FOR SOCKETCB**

**Explanation** ADATCP is unable to allocate the necessary storage.

**Action** Ensure that adequate storage is available on the system.

**ADACM022E** **INVALID OPERATING SYSTEM FOR API=HPS**

**Explanation** The operating system specified in the URL is incorrect.

**Action** The only operating systems currently supported are OES and HPS.

**ADACM023E** **UNABLE TO INITIALIZE TCP/IP INTERFACE**

**Explanation** The TCP/IP stack specified in either the URL or the protocol that was used is invalid.

**Action** Check that the URL or protocol contains the correct stack name. If so, ensure that the stack is available on the system and that it is active.

**ADACM024E** **UNABLE TO GET A SOCKET**

**Explanation** The system is unable to create a new socket. This may be caused by an incorrect stack. If an error number accompanies this message, it will inform you if the problem is inadequate system resources (ENOBUFS) or access denied (EACCES).

**Action** Ensure that the correct stack is being used. If the problem is inadequate system resources, contact your systems administrator. Contact your security administrator for system access problems.

**ADACM025E** **UNABLE TO BIND SOCKET TO LOCAL SYSTEM**

**Explanation** ADATCP was unable to bind the socket to the local system. Another application may be using the port specified in the URL.

**Action** Use the TSO NETSTAT command to check current use of the specified port. If something else is using the port, terminate ADATCP and change the port in the URL.

**ADACM026E** **UNABLE TO ACCEPT CONNECTIONS**

**Explanation** ADATCP is unable to accept connections from client applications. This may indicate a shortage of buffer space or that the maximum number of socket descriptors have already been created/opened.

**Action** Ensure that adequate buffer space is available to the system. If necessary, increase the maximum number of sockets available to the system.

**ADACM027E** **UNABLE TO LISTEN FOR NEW CONNECTIONS**

**Explanation** ADATCP is unable to listen for new connections. This usually indicates that the system resources available to complete the call are inadequate. If an error number is supplied with this message, it will help to identify the problem.

**Action** If system resources are inadequate, contact your systems administrator.

**ADACM028E** **UNABLE TO SET SOCKOPT REUSEADDR OPTION**

**Explanation** An attempt to allow currently used local addresses to be bound failed. This may indicate inadequate system resources. If an error number is supplied with this message, it will help to identify the problem.

**Action** If system resources are inadequate, contact your systems administrator.

**ADACM029E** **UNABLE TO GIVESOCKET TO NEW THREAD**

**Explanation** ADATCP was unable to give control of a socket to a different process. This error occurs only if there is a problem with the socket itself. If an error number is supplied with this message, it will help to identify the problem.

**ADACM030E** **UNABLE TO CREATE A NEW THREAD**

**Explanation** The system was unable to create a new thread. This indicates inadequate system resources or memory to create the thread.

**Action** Contact your systems administrator.

**ADACM031E** **UNABLE TO CLOSE THE REQUESTED SOCKET**

**Explanation** ADATCP attempted to close a socket that was being used by another thread in the same process. This occurs only when the system is terminating due to some other error.

**Action** Check the console for other messages.

**ADACM032E** **UNABLE TO MALLOC STORAGE**

**Explanation** ADATCP was unable to allocate storage. This may indicate that inadequate storage is available on the system.

**Action** Contact your systems administrator.

**ADACM034E** **UNABLE TO RECEIVE DATA**

**Explanation** ADATCP cannot receive data from a client. This may indicate that the connection between ADATCP and the client has been severed during a transaction or that system resources are inadequate to complete the call. The error number supplied with this message will identify the problem.

**Action** Contact your systems administrator.

**ADACM035E** **UNABLE TO TAKE THE SOCKET**

**Explanation** The process that send requests to and from Adabas was unable to take control of the socket that was passed to it by the listening task.

**Action** Check the error number and the return code that accompany this message.

**ADACM036E** **UNABLE TO SET THE CANCEL TYPE**

**Explanation** The main request task is unable to set the cancel type for the thread that is currently running.

**Action** Check the error number and the return code that accompany this message.

**ADACM037E** **UNABLE TO SEND DATA**

**Explanation** ADATCP is unable to send data from a client. The error number issued with this message indicates whether the problem is a severed connection between ADATCP and the client or insufficient system resources to complete the call.

**Action** Check the error number issued with this message.

**ADACM038E** **UNABLE TO CLOSE THE SOCKET**

**Explanation** ADATCP attempted to close a socket while it was being used by another thread in the same process. This occurs if the system has tried to terminate due to another error.

**Action** Check for other messages issued to the console.

| | |
|---|---|
| **ADACM039E** | **CONTEXT TABLE FULL** |
| **Explanation** | The number of connections has reached a predefined limit; no entries can be added to the user context table. |
| **Action** | Increase the ADARUN NU parameter value to the required number of entries and restart ADATCP. |

# 22 ADAE* Adabas SAF Security (ADASAF) Messages

**Note:** Each of the messages in this section starts with the relevant database ID.

| | |
|---|---|
| **ADAE01** | **Unable to load required modules** |
| **Explanation** | A required module could not be loaded. Operation terminates with an abend U0042. |
| **Action** | Check that the modules NA2PMAC and ESICFG are available. |

| | |
|---|---|
| **ADAE02** | **Unable to allocate required storage** |
| **Explanation** | There is insufficient storage available for ADASAF to operate. Operation terminates with an abend U0042. |
| **Action** | Increase the amount of storage (above the 16-megabyte line) available to the failing job. |

| | |
|---|---|
| **ADAE03** | **Unable to allocate NRS storage** |
| **Explanation** | ADASAF needs approximately two KB of storage below the 16-megabyte line. If the storage is not available at initialization (or after a newcopy operator command), ADASAF issues this message and operation terminates. |
| **Action** | Ensure that enough storage is available. |

| | |
|---|---|
| **ADAE04** | **Module {module-name} not loaded** |
| **Explanation** | The indicated module could not be loaded during initialization or during the newcopy operator command. If the module is required (rather than optional), operation terminates. |
| **Action** | Ensure that the module is available. |

**ADAE05** **Invalid parameters detected**

**Explanation** One or more invalid parameters were specified in DDSAF. Operation terminates.

**Action** Correct the invalid parameters.

**ADAE06** **Allocation of user file cache failed**

**Explanation** ADASAF allocates a user file cache above the 16-megabyte line. If the storage is not available at initialization (or after a newcopy operator command), ADASAF issues this message and operation terminates.

**Action** Ensure that enough storage is available or reduce the MAXFILES parameter (this may adversely affect performance).

**ADAE07** **{input-parameter}**

**Explanation** ADASAF echoes the parameters read from DDSAF for information and auditing purposes.

**ADAE08** **Invalid parameter: {input-parameter}**

**Explanation** ADASAF detected incorrect input in DDSAF. ADAE08 is issued for each invalid parameter found and is followed by ADAE05.

**Action** Correct the invalid parameter.

**ADAE12** **ADASAF is active in {FAIL|WARN} mode**

**Explanation** ADASAF has successfully initialized in the mode indicated.

**ADAE15** **NEWCOPY of parameter module failed**

**Explanation** After a NEWCOPY operator command, ADASAF was unable to reload ESICFG. Operation terminates.

**Action** This error occurs only if there is a shortage of storage or the module ESICFG was deleted from the load library after initialization. Determine which of these is the case and correct it.

**ADAE16** **NEWCOPY reinitialization failed**

**Explanation** This message appears after a failure during NEWCOPY processing. It should be accompanied by a more detailed error message specifying the nature of the failure.

**Action** Take the action recommended by the accompanying message.

| | |
|---|---|
| **ADAE17** | **Not APF-authorized** |
| **Explanation** | ADASAF must run APF-authorized. Operation terminates. |
| **Action** | Check that all STEPLIBs are in the APF list and that ADARUN is linked with AC(1). |

| | |
|---|---|
| **ADAE18** | **No security details for job {job-name}** |
| **Explanation** | An Adabas command received from the named job had no security credentials attached to it. The command is rejected with response code 200 (ADARSP200), subcode 3. |
| **Action** | Ensure that the security exits are correctly installed in the Adabas SVC and that the source job has been configured correctly to support SAF security systems. |

# 23 ADAF* - Event Replicator for Adabas Messages

These are the messages produced by Event Replicator for Adabas processing.



**Note:** Some of the ADAF* messages are preceded by the Adabas or Event Replicator Server database ID. These database IDs are not shown in the message texts in this documentation.

| | |
|---|---|
| **ADAF01** | **Replication GETMAIN failed** |
| **Explanation** | Getmain for Replication area failed or there was insufficient storage available. |
| **Action** | Rectify the Getmain problem and rerun the job. |

| | |
|---|---|
| **ADAF02** | **READONLY=YES not allowed** |
| **Explanation** | READONLY=YES is not allowed for an Event Replicator Server. |
| **Action** | Supply correct parameters and rerun the job. |

| | |
|---|---|
| **ADAF03** | **DTP=TM not allowed** |
| **Explanation** | DTP=TM is not allowed for an Event Replicator Server. |
| **Action** | Supply correct parameters and rerun the job. |

| | |
|---|---|
| **ADAF04** | **LRPL specification too low** |
| **Explanation** | The LRPL must be at least 20,000. |
| **Action** | Supply correct parameters and rerun the job. |

**ADAF05** **MODE=SINGLE not allowed**

**Explanation** MODE=SINGLE is not allowed for an Event Replicator Server.

**Action** Supply correct parameters and rerun the job.

**ADAF06** **Program {module} could not be loaded**

**Explanation** An Event Replicator Server module could not be loaded.

**Action** Ensure that the module listed in the message is in the Adabas load library concatenation and retry the job. Ensure the versions of Adabas and Event Replicator for Adabas are compatible.

**ADAF07** **STP=YES not allowed**

**Explanation** STP=YES not allowed for an Event Replicator Server.

**Action** Supply correct parameters and rerun the job.

**ADAF08** **REPLICATION=YES not allowed**

**Explanation** Conflicting parameters - REPLICATION=YES not allowed for this Event Replicator Server database.

**Action** Supply correct parameters and rerun the job.

**ADAF09** **{parm} specification too low [,{explanation} | . {explanation}]**

**Explanation** This message can have multiple texts, as listed below:

- xxxxx NT specification too low. NT must be greater than or equal to 15.
- xxxxx LU specification too low, minimum is 167000
- xxxxx NAB specification too low, minimum is 41

In all cases, the value specified for the named parameter is too low. In some cases the minimum value is given in the message.

**Action** Increase the value of the named parameter and rerun the job.

**ADAF10** **Load of {module} failed.**

**Explanation** An attempt to load the module listed in the message failed.

**Action** Ensure that the module is in the Adabas load library concatenation and retry the job.

**ADAF11** **Error opening DDKARTE**

**Explanation** The cause is probably a misspelled keyword.

**Action** Check the JCL; correct the error and rerun the job.

**ADAF12** **I/O error reading DDKARTE**

**Explanation** The cause is probably a misspelled keyword.

**Action** Check the JCL; correct the error and rerun the job.

**ADAF13** **Parameter error, name not ADARPD**

**Explanation** The cause is probably a misspelled keyword.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAF14** **Parameter error, missing separator**

**Explanation** The cause is probably incorrect parameter input.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAF15** **Parameter error, invalid syntax**

**Explanation** The cause is probably incorrect parameter input.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAF16** **Parameter error, keyword not unique**

**Explanation** The cause is probably incorrect parameter input.

**Action** Check the parameter input, supply the correct keyword in full length, and rerun the job.

**ADAF17** **Parameter error, unknown parameter**

**Explanation** The cause is probably a misspelled keyword.

**Action** Check the JCL; correct the error and rerun the job.

**ADAF18** **{jjjj.mm.tt} {hh.mm.ss }{cc} {cmd} to DBID {ddddd} FNR {fffff} RSP {rrr} Subcode {sssss}**

**Explanation** A command (*cc*) to the target DBID/FNR (*ddddd* and *fffff*) identified in the message failed. The response code (*rrr*) with subcode (*sssss*) are also given in the message.

If the command is not an S4 command, the text "ISN *iiiiiiii*" is appended to this message text, listing the ISN number.

| | |
|---|---|
| **Action** | Investigate the reason for the response code and subcode on the target database and correct the problem. The command did not complete on the target database. |

| | |
|---|---|
| **ADAF19** | **Parameter error, too many values in list** |
| **Explanation** | The cause is probably incorrect parameter input. |
| **Action** | Check the parameter input. Supply no more than the maximum number of parameter values permitted, and rerun the job. |

| | |
|---|---|
| **ADAF1A** | **Terminating with replication data outstanding for the following:**<br>**Reptor {dbid}**<br>**File {filenumber}**<br>**PLOG INFORMATION** |
| **Explanation** | The nucleus has terminated with replication data outstanding for the Event Replicator Servers and files listed in the message. This message is issued when a HALT command is issued for an Adabas nucleus for which replication is active (REPLICATION=YES). If an Event Replicator Server is available, outstanding replication data for this nucleus has been sent to the Event Replicator Server.<br><br>More than one Event Replicator Server may appear in the message if the Adabas nucleus sends data to more than one Event Replicator Server; likewise, more than one file may appear in the message if replication data for more than one file is outstanding at the time of the HALT. And finally, PLOG information appears after the file message lines if one or more replication pseudo transactions exist with PLOG information. |
| **Action** | Check for message **ADAF1Q** to verify the Event Replicator Server successfully processes all previously sent replication data for this database. If an Event Replicator Server was not available at the time of the HALT, an initial-state request may be used to synchronize a file. |

| | |
|---|---|
| **ADAF1B** | **Event Replicator Server {dbid} has disconnected** |
| **Explanation** | The Event Replicator Server listed in the message has disconnected from the nucleus. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **ADAF1C** | **Connected to local Event Replicator Server {dbid}** |
| **Explanation** | The nucleus has connected to the Event Replicator Server listed in the message. |
| **Action** | No action is required for this informational message. |

**ADAF1D** **Reconnected to local Event Replicator Server {dbid}**

**Explanation** The nucleus has reconnected to the Event Replicator Server listed in the message. This may happen if the Event Replicator Server was terminated but the nucleus remained active, and then the Event Replicator Server restarted.

**Action** No action is required for this informational message.

**ADAF1E** **Waiting for replication data to be processed by Event Replicator Server {dbid}**

**Explanation** The nucleus is waiting for the Event Replicator Server listed in the message to finish processing data. When the Event Replicator Server has completed the work, the nucleus will terminate.

**Action** Start the Event Replicator Server if it is not currently active.

**ADAF1F** **Disconnected from Event Replicator Server {dbid}**

**Explanation** The nucleus has disconnected from the Event Replicator Server listed in the message.

**Action** No action is required for this informational message.

**ADAF1G** **Crosscheck for database {dbid} failed with response code {rrr/sss}**

**Explanation** The Event Replicator Server attempted to do a crosscheck for the database listed in the message, but received the response and subcode (*rrr*/*sss*) listed in the message during the attempt.

**Action** Investigate the response code and subcode to identify and correct the problem.

**ADAF1H** **Event Replicator Server {dbid} shutting down**

**Explanation** The Event Replicator Server listed in the message is shutting down.

**Action** No action is required for this informational message.

**ADAF1I** **Event Replicator Server {dbid} not present**

**Explanation** The nucleus tried to communicate with the Event Replicator Server listed in the message, but the Event Replicator Server is not available.

**Action** Start the Event Replicator Server.

**ADAF1J** **Crosscheck aborted. Unable to obtain 48,000 bytes from LWP**
**Increase LWP to allow crosscheck to execute**

**Explanation** The Event Replicator Server requires 48,000 bytes of storage from the Adabas work pool to run the crosscheck function.

**Action** Increase the `LWP` parameter setting for Adabas and retry. For more information, read about the ADARUN statement and its `LWP` parameter in your Adabas operations documentation.

**ADAF1K** **Replication deactivated for file {file}**
**due to {reason}**

**Explanation** Replication has been deactivated by the Adabas nucleus for the identified file. The *`reason`* will be one of the following:

- replication pool overflow
- request from Event Replicator Server
- request via operator command/AOS

**Action** If the deactivation reason is "replication pool overflow", consider increasing the value of the `LRPL` parameter. For other reasons, this message is for information only.

**ADAF1L** **replication pool usage {increased|decreased} to {more|less} than {number} %**

**Explanation** These messages begin when replication pool usage first exceeds the value of ADARUN parameter `RPWARNPERCENT`. Further messages appear at usage intervals specified by ADARUN parameter `RPWARNINCREMENT`.

**Action** If the usage is not anticipated, you may want to adjust ADARUN parameter `LRPL` to increase the size of the replication pool. Adjust ADARUN parameters `RPWARNPERCENT` and `RPWARNINCREMENT` to control when warning messages are issued.

**ADAF1M** **Starting replication pool warning suppression**
**{number} replication pool warnings suppressed**

**Explanation** A number of ADAF1L messages warning of a replication pool shortage have been issued. In order to avoid flooding the console, additional messages are suppressed for a period after a threshold is reached. When the suppression period has expired, the Event Replicator Server will display the number of suppressed message lines and then start printing replication pool usage warning messages again. The number of messages issued before suppression is specified by ADARUN parameter `RPWARNMESSAGELIMIT`. The suppression interval is specified by ADARUN parameter `RPWARNINTERVAL`.

**Action** No action is required for these informational messages. If needed, adjust the ADARUN parameters `RPWARNMESSAGELIMIT` and `RPWARNINTERVAL` to control message traffic.

**ADAF1N** **Invalid Input Message: {<message block>}**

**Explanation** The Event Replicator Server received a message from an input queue but could not process it because some data structure was not correctly interpreted.

*<message block>* gives additional information:

- URBH - The URBH message header could not be processed
- URBH - Input message truncated
- URBI - The URBI message structure could not be processed

**Action** For the memory shortage check if the `LRPL` needs to be increased. If the input message is truncated, increase the size of the input queue buffer parameter, `IQBUFLEN`. In the other cases make sure that the input requests are set up correctly.

**ADAF1O** **{invalid destination message}'**

**Explanation** This message may appear with multiple texts, all relating to an invalid destination setting, as described in the following table:

| Message Text | Explanation |
|---|---|
| Invalid Response Destination: *destination* | The response destination supplied for an initial-state request is invalid. The invalid destination is listed in the message. |
| Initial-state request rejected. Response: *rrr* Subcode *sssss* | This message is printed on the console. It indicates that the initial-state request was rejected because the destination for the response was not supplied. |

**Action** Make sure that the input request sets up the correct destination for response.

**ADAF1P** **One or more File destinations are defined but CLOG is not active**

**Explanation** One or more File destination definitions are being used, but the CLOG to which the replication TLOG URBLTDOD records will be routed is not identified in the Event Replicator Server startup JCL. The File destinations are set to "Unavailable" and processing continues.

**Action** Identify the CLOG in the Event Replicator Server startup JCL and try again.

**ADAF1Q** **All in-flight transactions from terminated nuclei have been fully processed**

**Explanation** The Event Replicator Server has finished processing in-flight transactions for nuclei terminated previously via HALT.

**Action** No action is required for this informational message.

**ADAF1R** **Request to database {dbid}**
**to terminate initial-state processes**
**failed with response {rrrrr} / {sssss}**
**Request to database {dbid} / {nucid}**
**to terminate initial-state processes**
**failed with response {rrrrr} / {sssss}**

**Explanation** The Event Replicator Server has been terminated by a halt request. During termination processing, one or more initial-state requests were found to be active on the database or database and nucleus listed in the message. The request to the nucleus to terminate the initial-state processes failed with Adabas response code and subcode (*rrrr*/*ssss*) given in the message.

**Action** Investigate the response code and subcode to identify and correct the problem.

**ADAF1S** **{Starting input request error message suppression}**
**{number} input request message lines suppressed**

**Explanation** Errors were detected in messages from a target application on an Event Replicator Server input queue. In order to avoid flooding the console, the Event Replicator Server starts suppressing messages for approximately one minute after a threshold is reached. When the suppression period has expired, the Event Replicator Server will display the number of suppressed message lines and then start printing input transaction error messages again.

This message can have multiple texts, all relating to error message suppression:

- Starting message suppression
- *nnnn* message lines suppressed

**ADAF1T** **Adabas could not inform Reptor about**
**deactivation of replication for file {file}.**

**Explanation** Replication for a file was being deactivated by the Adabas nucleus. Adabas was unable to acquire sufficient resources to notify the associated Event Replicator Server.

**Action** Execution continues. This is often the result of a shortage in the replication pool. Increasing the value of the `LRPL` parameter may alleviate the shortage.

**ADAF1U** **Adabas replication pool overflow**
**Failed to allocate {size} bytes**
**for {use}.**

**Explanation** There was not enough free storage in the replication pool to satisfy the request.

**Action** Execution continues. Increasing the value of the `LRPL` parameter may alleviate the shortage.

**ADAF1V** **Input request {type}: {error}**
**URBIRTOK: {token} URBIRNAM:{destination} URBIDNAM:{destination}**
**URBISNAM:{subscription} URBITSNR:{number}**

**Explanation** A replication status or prior-transaction request has an error, and a response code and subcode could not be sent via a URBS status message. The *type* appearing in the message identifies the request type and will be either "STAT" (replication status) or "TRAN" (prior-transaction). The *destination*, *subscription* and *number* are taken from the URBI for the request. The *number* will appear only for "TRAN" requests.

The following *errors* can appear in the message if the request *type* is either "STAT" or "TRAN":

URBIARC/ACOD/WCOD not zero
URBIRES1/URBIRES2 not zero

The following *errors* can appear in the message only if the request *type* is "STAT":

Storage shortage in RPL pool
URBIRNAM undefined/unusable
URBIDNAM and URBISNAM omitted
URBISNAM undefined/unusable
URBIDNAM undefined/unusable
No active destinations

The following *errors* can appear in the message only if the request *type* is "TRAN":

RSP0 but URBIRNAM not active
URBIRNAM is unknown
URBIDNAM is unknown
URBISNAM omitted or unknown
URBIDNAM not in URBISNAM
URBISNAM has no resend buffer
URBITRNR not in resend buffer
URBISNAM not active
Invalid transaction in buffer
No active resend destinations
URBILEND not zero
URBIDBID/URBIFNR not zero
URBIINAM not permitted

**Action** If the *error* indicates an RPL storage pool shortage, consider increasing the value of the LRPL parameter.

If the *error* indicates that an invalid transaction exists in the resend buffer, an internal error has been detected. Notify your our support representative.

If the *error* indicates that there are no active destinations, this message is for information only.

For all other *errors*, correct the status request or resend the prior-transaction request.

**ADAF1W** **Connect to Reptor {dbid} failed with response{ rrrr/ssss}**

**Explanation** The Event Replicator Server listed in the message is active, but the nucleus received the response code and subcode (*rrrr*/*ssss*) listed in the message.

**Action** Investigate the response code and subcode to identify and correct the problem. For response code 22 (ADARSP022), subcode 26, ensure that you are trying to connect to another Adabas nucleus and not an Event Replicator Server and try again.

**ADAF1X** **Sending data to Reptor {dbid} failed with response code {rrrr/ssss}**

**Explanation** An attempt to send data to the Event Replicator Server listed in the message failed with the response code and subcode (*rrrr*/*ssss*) listed in the message.

**Action** Investigate the response code and subcode to identify and correct the problem.

**ADAF1Y** **Disconnecting from Reptor {dbid} failed with response code {rrr/sss}**

**Explanation** When the nucleus attempted to disconnect from the Event Replicator Server listed in the message, the response code and subcode (*rrr*/*sss*) listed in the message were received.

**Action** Investigate the response code and subcode to identify and correct the problem.

**ADAF1Z** **TLOG event logging requested by CLOG is not active**

**Explanation** TLOG logging has been requested, however the CLOG to which TLOG records are written is not active.

**Action** Activate the CLOG using the relevant ADARUN parameters in the Event Replicator Server.

**ADAF20** **{statistics}**

**Explanation** This message is displayed in response to the operator command `DRPLSTAT`. It shows the replication-related statistics for a database.

**Action** No action necessary for this informational message.

**ADAF21** **JJJJ.MM.TT HH.MM.SS Input record not replicated: Destination {ddddddddd} DBID {xxxxx} FNR {fffff}**
**Action ISN {iiiiiiiiii} Rsp {rrrrr} Subcode {sssss}**

**Explanation** A record with ISN iiiiiiiii for destination ddddddddd DBID xxxxx FNR fffff with the action (Update, Insert, Delete, or Replace (for Initial State) received Rsp rrrrr Subcode sssss

**Action** Investigate the reason for the error and correct. The command did not complete on the target.

**ADAF22** **Valid range for MAXOUTPUTSIZE is 32,768 to 2,147,483,647**

**Explanation** The parameter MAXOUTPUTSIZE has an incorrect value specified.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF23** **DASUBSCRIPTION only valid for DTYPE=ADABAS**

**Explanation** When specifying a DESTINATION NAME parameter, the DASUBSCRIPTION keyword is only valid for DTYPE=ADABAS.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF24** **Multiple function keywords - only one executed**

**Explanation** The parameter input has multiple function keywords within a statement, and only one is executed.

**Action** Check the parameter input, correct the error, and rerun the job.

**ADAF25** **Close error for DDKARTE**

**Explanation** After reading the parameter input, there has been a close error for DDKARTE.

**Action** Investigate the cause of the error; correct it, and rerun the job.

**ADAF26** **GETMAIN error - not enough memory**

**Explanation** A GETMAIN has failed to acquire memory that the Event Replicator Server requires.

**Action** Check the JCL or Job; correct the error and rerun the job.

**ADAF27** **NAME is a required parameter**

**Explanation** The NAME parameter is missing from the Event Replicator Server definition being processed.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF28** **DTYPE must be ADABAS, ETBROKER, FILE, MQSERIES, or NULL**

**Explanation** When specifying a DESTINATION parameter, there must be a DTYPE equal to ADABAS, ETBROKER, FILE, MQSERIES, or NULL.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF29** **DAIFILE parameters only valid for DTYPE=ADABAS**

**Explanation** The parameter input has DAIFILE specified, and the DTYPE is not equal to ADABAS.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF2A** **{Local|Remote} ADA{vrm}/ARF{vrm} database {dbid} has connected**
**Local database {dbid/nucid} has connected**

**Explanation** The nucleus has connected to the Event Replicator Server. The DBID or DBID-nucleus ID (*dbid/nucid*) combination as well as the Adabas and Event Replicator for Adabas versions (ADA*vrm*/ARF*vrm*) are shown in the message. In addition, the database is identified as a local or a remote database in the message.

**Action** No action is required for this informational message.

**ADAF2B** **Database {dbid} has disconnected**
**Database {dbid/nucid} has disconnected**

**Explanation** The nucleus has disconnected from the Event Replicator Server. The DBID or DBID-nucleus ID combination is shown in the message.

**Action** No action is required for this informational message.

**ADAF2C** **{reptor-id} Handshake from Database {dbid/nucid} rejected due to RPLPARMS=NONE**

**Explanation** An Event Replicator Server (the ID is given in the message) has RPLPARMS set to NONE, which will reject any communication from other Adabas nuclei. The DBID or DBID-nucleus ID combination is shown in the message. This message is output only as an informational message in the Event Replicator Server syslog.

**Action** If the Event Replicator Server should be communicating with other Adabas nuclei, correct the RPLPARMS parameter and recycle the Event Replicator Server. Otherwise, no action is required for this informational message.

**ADAF2E** **Disconnecting from database {dbid}**

**Explanation** The Event Replicator Server is in the process of disconnecting from the database or nucleus listed in the message.

The first instance of this message occurs when the Event Replicator Server is disconnecting from a noncluster Adabas nucleus. The second instance of this message occurs when the Event Replicator Server is disconnecting from an Adabas cluster nucleus (for example, an Adabas Cluster Services or an Adabas Parallel Services nucleus). In this second instance, the Adabas cluster itself ensures that all nuclei in the cluster are informed about the Event Replicator Server disconnecting.

**Action** No action is required for this informational message.

**ADAF2F** **Disconnected from database {dbid}**

**Explanation** The Event Replicator Server has disconnected from the database or nucleus listed in the message.

This message normally follows message **ADAF2E** and indicates that all replication data for the database has been processed when the Event Replicator Server was terminated by ADAEND. If the Event Replicator Server has been terminated via a HALT request, there is no guarantee that all data has been processed.

The first instance of this message occurs when the Event Replicator Server has disconnected from a noncluster Adabas nucleus. The second instance of this message occurs when the Event Replicator Server has disconnected from an Adabas cluster nucleus (for example, an Adabas Cluster Services or an Adabas Parallel Services nucleus).

**Action** No action is required for this informational message.

**ADAF2H** **Discarding data in input queue for database {dbid}**

**Explanation** The Event Replicator Server is handling a full replication buffer by removing unprocessed data from the input queue to free storage

**Action** Execution continues. The indicated database ID (*dbid*) will attempt to resend the discarded data. Increasing the value of the `LRPL` parameter may alleviate the shortage.

**ADAF2I** **Database {dbid} not present**

**Explanation** The nucleus listed in the message is not currently active.

**Action** Start the database.

**ADAF2J** **Database {dbid} objected to {count} invalid completion reports**

**Explanation** An Adabas nucleus for the database identified in the message did not recognize some replicated transactions that the Event Replicator Server reported as successfully completed. The number of replicated transactions is also listed in the message.

Generally, once the Event Replicator for Adabas has completed the successful processing of a replicated transaction, it reports the completion to Adabas so that Adabas can release the resources (space in its replication pool) associated with the transaction. In this case, Adabas could not identify the transactions specified by the Event Replicator for Adabas and ignored them.

**Action** Take note of any unusual events surrounding the message, keep the job protocols of Adabas database and the Event Replicator Server, and contact your technical support representative.

**ADAF2K** **Reptor could not inform destination {destination}**
**about destination {deactivation | reactivation | refresh}**
**about subscription {subscription} {deactivation | reactivation | refresh}**
**about initialstate {isname} refresh**
**about DBID/File {dbid/file} {deactivation | activation}**
**about reptor termination**

**Explanation** A resource was being deactivated, reactivated, or refreshed by the Event Replicator Server. The Event Replicator Server was unable to acquire sufficient resources to notify the affected destination.

**Action** Execution continues. This is often the result of a shortage in the replication pool. Increasing the value of the `LRPL` parameter may alleviate the shortage.

**ADAF2L** **Replication {deactivated | activated} for DBID/File {DBID/file}**
**due to {reason}**

**Explanation** The replication status for the identified file has changed on Event Replicator Server. The deactivation *reason* will be one of the following:

- database deactivation
- end of replay process
- file deactivation
- format buffer validation failure
- last destination deactivation
- last subscription deactivation
- not set up for ciphered source
- permanent error in subscription
- replication pool overflow
- request from Adabas (RDITYPE=Z)
- request from target application
- request via operator command/AOS
- RPLREFRESH request
- SLOG-related error
- SLOG system file full
- suspension of SLOG input

The reactivation *reason* will be one of the following:

- request from target application
- request via operator command/AOS
- request from Adabas (RDITYPE=Y)
- reactivation of destination
- reactivation of subscription

- reactivation of database
- begin of replay process

**Action** If the deactivation reason is "replication pool overflow", consider increasing the value of the `LRPL` parameter. For other reasons, this message is for information only.

If the deactivation reason is "not set up for ciphered source", this indicates that the source file was found to be ciphered and that the Event Replicator could not obtain the cipher code required to process records from the security system. Evaluate previous messages for additional information.

**ADAF2M** **Subscription {subscription} {deactivated | reactivated} due to {reason}**

**Explanation** The replication status for the identified subscription has changed on the Event Replicator Server. See the *reason* descriptions described for message ADAF2L.

**Action** If the deactivation reason is "replication pool overflow", consider increasing the value of the `LRPL` parameter. For other reasons this message is for information only.

**ADAF2N** **Destination {destination} {deactivated | reactivated} due to {reason}**

**Explanation** The replication status for the identified destination has changed on the Event Replicator Server. See the *reason* descriptions described for message ADAF2L.

**Action** If the deactivation reason is "replication pool overflow", consider increasing the value of the `LRPL` parameter. For other reasons this message is for information only.

**ADAF2O** **Replication activated for file {file} due to {reason}**

**Explanation** Replication has been reactivated by the Adabas nucleus for the identified file. The *reason* will be one of the following:

- request from the Event Replicator Server
- request via operator command/AOS
- initial-state request

**Action** No action is required. This message is for information only.

**ADAF2P** **Database {DBID} {deactivated | reactivated}**
**due to {reason}**

**Explanation** The replication status for the identified database has changed on the Event Replicator Server. See the *reason* descriptions described for message ADAF2L.

**Action** If the deactivation reason is "replication pool overflow", consider increasing the value of the LRPL parameter. For other reasons, this message is for information only.

**ADAF2Q** **Database {dbid} terminated**
**Database {dbid} nucleus {nucid} terminated**
**with transactions in flight for the following files:**
**File {file}**

**Explanation** The database has terminated, but the Event Replicator Server still has active transactions for the database. Execution continues.

**Action** Check for the Event Replicator Server message **ADAF1Q** to verify that the Event Replicator Server successfully processes all replication data received from this database.

**ADAF2R** **Database {dbid}**
**Database {dbid} Nucleus {nucid}**
**Waiting for pending replication data to complete**

**Explanation** ADAEND has been issued to the Event Replicator Server with transactions still in progress.

**Action** The Event Replicator Server will terminate only after all the transactions that are still in progress have completed.

**ADAF2S** **The following files in database {dbid}**
**have replication turned on for this Reptor**
**but are not referenced in a subscription:**
**File {fn}**

**Explanation** The files listed in the message have replication turned on, but there are no matching subscriptions in the Event Replicator Server.

**Action** Either add a subscription for the file in the Event Replicator Server or turn off replication for the files.

**ADAF2T** **Unexpected response code {rc} when reading Replicator file with command {cc}**

**Explanation** An error occurred while attempting to read the Replicator system file. The Event Replicator Server ID, response code (*rc*), and command code (*cc*) are given in the message.

**Action** Review the response code to determine why the Replicator system file could not be read. Then take appropriate actions to correct the error. If the problem persists, contact your technical support representative for assistance.

**ADAF2U** **The following files in database {dbid} are defined in a subscription but do not have replication turned on for this Reptor: File {fn}...**

**Explanation** The files listed in the message have a subscription in the Event Replicator Server, but replication is not turned on for the files.

**Action** Either turn replication on for the files or remove the subscriptions from the Event Replicator Server.

**ADAF2V** **Sending {deactivation | reactivation} to database {DBID} failed with response code {rsp/subcode}**

**Explanation** A resource was being deactivated or reactivated. The Event Replicator Server attempted to notify the Adabas nucleus. The command received the unexpected response code and subcode.

**Action** If the reason for the response code is not clear, contact your DBA, system support personnel, or technical support.

**ADAF2W** **Connect to database {dbid} failed with response code {rrr/sss}**

**Explanation** The Event Replicator Server attempted to connect to the database listed in the message, but received the response code and subcode (*rrr*/*sss*) listed in the message during the attempt.

**Action** Investigate the response code and subcode to identify and correct the problem.

**ADAF2X** **Sending completion to {dbid} failed with response code {rrrr/ssss}**

**Explanation** An attempt to send information about completed transactions from the Event Replicator Server to the Adabas listed in the message (*dbid*) failed with the response code and subcode (*rrrr*/*ssss*) listed in the message.

**Action** Investigate the response code and subcode to identify and correct the problem.

**ADAF2Y** **Disconnect failed with response {rrr/sss} from database {dbid}**

**Explanation** The Event Replicator Server attempted to disconnect from the database listed in the message, but received the response code and subcode (*rrr*/*sss*) listed in the message during the attempt.

**Action** Investigate the response code and subcode to identify and correct the problem.

**ADAF2Z** **YYYY.MM.DD HH.MM.SS {event-name} must be between 0 and {n}**

**Explanation** An operator command to dynamically alter the level of transaction logging was entered incorrectly. This error is produced because the name of the transaction logging event or the transaction logging level specified in the command were not valid. The event name specified is listed in the message.

**Action** Review and correct the command specifications and then rerun it. Valid transaction logging event names and levels are described in *TLOG Command* in *Event Replicator for Adabas Administration and Operations Guide*.

**ADAF30** **DTYPE=Adabas requires at least one DAIFILE**

**Explanation** The DAIFILE is required when DTYPE=ADABAS is specified.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF31** **DAIDBID, DATDBID, and DATFILE are required for DAIFILE**

**Explanation** The DAIFILE parameter requires the DAIDBID, DATDBID, and DATFILE parameters be specified as well.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF32** **DETBBROKERID or ETBBROKERID is required**

**Explanation** When specifying a DESTINATION, with DTYPE=ETBBROKER, then DETBBROKERID or ETBBROKERID is required.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF33** **DMQQMGRNAME or MQQMGRNAME is required**

**Explanation** When specifying a DESTINATION, with DTYPE=MQSERIES, then DMQQMGRNAME or MQQMGRNAME is required.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF34** **GFB is mandatory for GFORMAT**

**Explanation** When specifying a GFORMAT NAME, the GFB parameter is required.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF35** **Invalid IQTYPE: must be ETBROKER or MQSERIES**

**Explanation** When specifying IQUEUE NAME, then IQTYPE must be ETBROKER or MQSERIES.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF36** **IQMQQMGRNAME or MQQMGRNAME is required**

**Explanation** When specifying IQUEUE NAME, and IQTYPE=MQSERIES, then IQMQQMGRNAME or MQQMGRNAME is required.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF37** **IQETBBROKERID or ETBBROKERID is required**

**Explanation** When specifying IQUEUE NAME, and IQTYPE=ETBROKER, then IQETBBROKERID or ETBBROKERID is required.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF38** **Reptor must be UES enabled for: 'SACODE/SARC/SWCODE**

**Explanation** The Event Replicator Server is not running with UES option, and it is required for certain parameters, i.e., SARC.

**Action** Examine and correct the parameter input or the Event Replicator Server.

**ADAF39** **SDESTINATION or SIDESTINATION is required**

**Explanation** When specifying SUBSCRIPTION, then SDESTINATION or SIDESTINATION is required.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF3A** **The version of module ADARPD is incompatible with this Reptor**

**Explanation** A check was performed on the version of module ADARPD. The version of module ADARPD is incompatible with this Event Replicator Server.

**Action** Ensure that all recent updates have been applied and that the load module versions in use are as delivered by Software GmbH. If the problem persists, contact your our support representative for assistance.

**ADAF3B** **'parameter keyword' must be less than or equal to 65535**

**Explanation** The DBID value specified for the given 'parameter keyword' exceeds the maximum of 65535.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF3C** **Invalid options specified for destination {dest} in subscription {sub}.**

**Explanation** The system file contains invalid data for destination *dest* in subscription *sub*. Only "Y" or "N" are permitted.

**Action** Correct the input and restart the Event Replicator Server.

**ADAF3D** **FCOND must be EQ, NE, GT, LT, LE or GE**

**Explanation** The value entered for the FCOND parameter as part of a filter definition is incorrect. Valid values are listed in the message.

**Action** Correct the FCOND parameter value.

**ADAF3E** **MU/PE must be in the range 1 – 191**

**Explanation** The value entered for either the MU or PE value of a filter definition is incorrect. Valid values must range from "1" through "191".

**Action** Correct the MU or PE parameter value.

**ADAF3F** **{FSIMAGE|FTIMAGE} must be AI or BI**

**Explanation** The value entered for either the FSIMAGE or FTIMAGE parameters of a filter definition are incorrect. Valid values are "AI" or "BI".

**Action** Correct the FSIMAGE or FTIMAGE parameter value. Descriptions of these parameters are provided in *FILTER Settings*in *Event Replicator for Adabas Reference Guide*.

**ADAF3G** **FRECORDS - must be INCLUDE or EXCLUDE**

**Explanation** The value entered for the FRECORDS parameter of a filter definition is incorrect. Valid values are "INCLUDE" or "EXCLUDE".

**Action** Correct the FRECORDS parameter value. A description of this parameters is provided in *FILTER Settings*in *Event Replicator for Adabas Reference Guide*.

**ADAF3H** **TLMAX and/or TLRESTART values are invalid and/or inconsistent**

**Explanation** The values specified for the TLMAX and TLRESTART parameters are either invalid or are not consistent with each other. Valid values for TLMAX range from 1 through 100, while the TLRESTART setting must be less than the TLMAX setting.

**Action** Correct the TLMAX and TLRESTART parameter values so they are valid and consistent. Descriptions of these parameters are provided in *Transaction Log (TLOG) Settings*in *Event Replicator for Adabas Reference Guide*.

**ADAF3I** **{event-name} must be 0, 1, or n**

**Explanation** A parameter that sets the level of transaction logging for a transaction logging event was entered incorrectly. The name of the transaction logging event with the invalid value is listed in the message.

**Action** Correct the value specified for the transaction logging event. Valid transaction logging event names and values are described in *Transaction Log (TLOG) Settings*in *Event Replicator for Adabas Reference Guide*.

**ADAF3J** **Parameter {FTIMAGE|FTPE|FTMU|FTBEGIN|FTLENGTH} may not be specified without FTARGET**

**Explanation** The `FTIMAGE`, `FTPE`, `FTBEGIN`, `FTLENGTH`, or `FTMU` parameter was specified without an associated `FTARGET` parameter in a filter definition.

**Action** Provide an `FTARGET` parameter value. Descriptions of these parameters are provided in *FILTER Settings*in *Event Replicator for Adabas Reference Guide*.

**ADAF3K** **FILTER requires either FTARGET or FLIST**

**Explanation** A `FILTER` parameter was specified, but without either the `FTARGET` or `FLIST` parameters. Either `FTARGET` or `FLIST` is required, but both may not be specified.

**Action** Provide either an `FTARGET` parameter value or an `FLIST` parameter value. Descriptions of these parameters are provided in *FILTER Settings*in *Event Replicator for Adabas Reference Guide*.

**ADAF3L** **FFIELD may only be specified as part of FILTER**

**Explanation** An attempt was made to specify the `FFIELD` parameter separately from a `FILTER` parameter. `FFIELD` parameters are not valid outside of `FILTER` parameters.

**Action** Correct the syntax. Descriptions of these parameters are provided in *FILTER Settings*in *Event Replicator for Adabas Reference Guide*.

**ADAF3M** **A FILTER must specify at least one FFIELD**

**Explanation** A filter definition (`FILTER` parameter) was specified, but without at least one filter condition (`FFIELD` parameter).

**Action** Add an `FFIELD` parameter to the filter definition. Descriptions of these parameters are provided in *FILTER Settings*in *Event Replicator for Adabas Reference Guide*.

**ADAF3N** **MAXFFIELDS must be a positive integer**

**Explanation** An incorrect value was specified for the MAXFFIELDS parameter. Valid values are positive integers.

**Action** Correct the MAXFFIELDS parameter setting. Read *MAXFFIELDS (Maximum Number of FFIELDs) Setting*in *Event Replicator for Adabas Reference Guide* for more information.

**ADAF3O** **MAXFLISTSIZE must be in the range 1 - 32k bytes**

**Explanation** An incorrect value was specified for the MAXFLISTSIZE parameter. Valid values range from "1" through "32K".

**Action** Correct the MAXFLISTSIZE parameter setting. Read *MAXFLISTSIZE (Maximum FLIST Size) Setting*in *Event Replicator for Adabas Reference Guide* for more information.

**ADAF3P** **SFFILTER {filter-name} not defined as a FILTER**

**Explanation** The transaction filter definition named in the message is specified to be used by an SFILE definition, but no filter definition exists by that name.

**Action** Specify the name of a defined filter definition in SFFILTER parameter of the SFILE definition. SFILE definition parameters are described in *SUBSCRIPTION Settings* and filter definition parameters are described in *FILTER Settings* in *Event Replicator for Adabas Reference Guide*.

**ADAF3Q** **Subscription {subs-name} {event-name} must be 0, 1 or n**

**Explanation** The data in the Replicator system file indicates that the value associated with the event named in the message for the subscription named in the message is invalid. It must be in the range indicated. This error is caused by invalid data on the Replicator system file.

**Action** Contact your technical support representative for assistance.

**ADAF3R** **Destination {dest-name} {event-name} must be 0, 1 or n**

**Explanation** The data in the Replicator system file indicates that the value associated with event named in the message for the destination named in the message is invalid. It must be in the range indicated. This error is caused by invalid data on the Replicator system file.

**Action** Contact your technical support representative for assistance.

**ADAF3S** **DMQCCSID is valid only for a MQ Series destination when DCLASS(DEXIT) is non-blank**

**Explanation** The DMQCCSID destination parameter is specified for a WebSphere MQ destination definition and no DCLASS or DEXIT parameter has been specified for that destination.

**Action** Either add a DCLASS or DEXIT parameter to the WebSphere MQ destination definition or change the DMQCCSID parameter setting to zero.

**ADAF3T** **SFREPLICATENOTCHANGED specified for subscription {subs-name}, DBID {dbid}, file {fn}, but BI and AI format buffers are not identical**

**Explanation** The keyword `SFREPLICATENOTCHANGED` was specified for the subscription, database, and file named in the message, but the BI and AI format buffers provided are not identical.

**Action** Correct the definition so that the BI and AI format buffers are identical. SFILE definition parameters are described in *SUBSCRIPTION Settings* in *Event Replicator for Adabas Reference Guide*.

**ADAF3U** **Filter {filter-name} field name {field-name} Invalid value "{mmmm} " /X"{nnnnnnnn}" for keyword {word}**

**Explanation** Invalid data was found in the Replicator system file associated with the filter and field named in the message. This error is caused by invalid data in the Replicator system file.

**Action** Contact your technical support representative for assistance.

**ADAF3V** **Multiple global settings records on the Replicator system file**

**Explanation** There are invalid multiple global setting records in the Replicator system file.

**Action** Contact your technical support representative for assistance.

**ADAF3W** **{DRETRYINTERVAL|DRETRYCOUNT} is only valid for an Adabas, ETBROKER, or MQSeries destination**

**Explanation** An attempt was made to specify a retry interval or retry count in a File or Null destination. The DRETRYINTERVAL and DRETRYCOUNT parameters are only valid Adabas, IBM EntireX, or WebSphere MQ destination definitions.

**Action** Remove the DRETRYINTERVAL or DRETRYCOUNT parameters from the File or Null destination definitions.

**ADAF3X** **message text**

**Explanation** One of two basic message texts may appear for this message ID:

| Message Text | Explanation | Action |
|---|---|---|
| *RETRYINTERVAL*\|*DRETRYINTERVAL*\|*IQRETRYINTERVAL* must be zero or in the range 5 <= n <= 2,147,483,647 | The value of the RETRYINTERVAL, DRETRYINTERVAL, or IQRETRYINTERVAL setting is not valid. It must be zero (0) or an integer ranging from 5 through 2,147,483,647. | Correct the value of the RETRYINTERVAL, DRETRYINTERVAL, or IQRETRYINTERVAL parameter. For complete information on these parameters, read *Event Replicator Initialization Parameters*, in *Event Replicator for Adabas Reference Guide*. |
| *DRETRYINTERVAL*\|*IQRETRYINTERVAL* is *value* | The value of the DRETRYINTERVAL or IQRETRYINTERVAL parameter is given in the message (*value*). | No action is required for this informational message. |

**Action** See the table above for the appropriate action to take, based on the message text that appears with this message ID.

**ADAF3Y** **message text**

**Explanation** One of two basic message texts may appear for this message ID:

| Message Text | Explanation | Action |
|---|---|---|
| *RETRYCOUNT*\|*DRETRYCOUNT*\|*IQRETRYCOUNT* must be numeric and <= 2,147,483,647 | The value of the RETRYCOUNT, DRETRYCOUNT, or IQRETRYCOUNT setting is not valid. It must be an integer ranging from 0 through 2,147,483,647. | Correct the value of the RETRYCOUNT, DRETRYCOUNT, or IQRETRYCOUNT parameter. For complete information on these parameters, read *Event* |

| Message Text | Explanation | Action |
|---|---|---|
| | | *Replicator Initialization Parameters*, in *Event Replicator for Adabas Reference Guide*. |
| *DRETRYCOUNT\|IQRETRYCOUNT* is *value* | The value of the DRETRYCOUNT or IQRETRYCOUNT parameter is given in the message (*value*). | No action is required for this informational message. |

**Action** See the table above for the appropriate action to take, based on the message text that appears with this message ID.

**ADAF3Z** **YYYY.MM.DD HH.MM.SS {resource} {name} not found**

**Explanation** An operator command to dynamically alter the level of transaction logging was entered incorrectly. This error is produced because a resource name specified in the command was not valid. The invalid resource type (*resource*) and its name (*name*) are given in the message.

**Action** Review and correct the command specifications and then rerun it. Valid transaction logging event names and levels are described in *TLOG Command* in *Event Replicator for Adabas Administration and Operations Guide*.

**ADAF40** **SUBSCRIPTION requires either SFDBID or DBID**

**Explanation** When specifying SUBSCRIPTION, then sub-parameters SFDBID or DBID are required.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF41** **SUBSCRIPTION requires at least one SFILE**

**Explanation** When specifying SUBSCRIPTION, then at least one sub-parameters SFILE is required.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF42** **Subscription {sname} dbid {id} file {num} SFBAI and SGFORMATAI are mutually exclusive**

**Explanation** When specifying SUBSCRIPTION, then sub-parameters SFBAI and SGFORMATAI are mutually exclusive. The subscription name, DBID, and file number are given in the message.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

| | |
|---|---|
| **ADAF43** | **Subscription {sname} dbid {id} file {num} SFBBI and SGFORMATBI are mutually exclusive** |
| **Explanation** | When specifying SUBSCRIPTION, then sub-parameters SFBBI and SGFORMATBI are mutually exclusive. The subscription name, DBID, and file number are given in the message. |
| **Action** | Check the parameter input, correct the error, and restart the Event Replicator Server. |

| | |
|---|---|
| **ADAF44** | **Subscription {sname} dbid {id} file {num} SFBKEY and SGFORMATKEY are mutually exclusive** |
| **Explanation** | When specifying SUBSCRIPTION, then sub-parameters SFBKEY and SGFORMATKEY are mutually exclusive. The subscription name, DBID, and file number are given in the message. |
| **Action** | Check the parameter input, correct the error, and restart the Event Replicator Server. |

| | |
|---|---|
| **ADAF45** | **SUBTASKS exceeds maximum of 15** |
| **Explanation** | When specifying SUBTASKS, the maximum value is 15. |
| **Action** | Check the parameter input, correct the error, and restart the Event Replicator Server. |

| | |
|---|---|
| **ADAF46** | **Parameter not allowed: 'parameter keyword'** |
| **Explanation** | When specifying a parameter, a keyword has been improperly specified and is invalid. |
| **Action** | Check the parameter input, correct the error, and restart the Event Replicator Server. |

| | |
|---|---|
| **ADAF47** | **Subscription {sname} dbid {id} file {num} requires SFBAI or SGFORMATAI** |
| **Explanation** | When specifying SUBSCRIPTION, then sub-parameters SFBAI or SGFORMATAI are required. The subscription name, DBID, and file number are given in the message. |
| **Action** | Check the parameter input, correct the error, and restart the Event Replicator Server. |

| | |
|---|---|
| **ADAF48** | **Only YES, NO, or blank are valid for: '{parameter keyword}'** |
| **Explanation** | The parameter keyword listed in the message only supports YES, NO, or blank, and the input is not matching that. |
| **Action** | Check the parameter input, correct the error, and restart the Event Replicator Server. |

**ADAF49** **SFILE parameters only valid for SUBSCRIPTION**

**Explanation** The parameter SFILE is positioned incorrectly, and not associated with a SUBSCRIPTION.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF4A** **{dbid} Recovering replication data**

**Explanation** While performing the session autorestart procedure to recover from the abnormal end of an Adabas nucleus, Adabas found replication data on its Work data set. Adabas is now going to try to recover any replication data that may need to be sent or resent to the Event Replicator Server(s). This message and action occurs only if the ADARUN parameter `REPLICATION=YES` was specified for both the Adabas nucleus that failed and the nucleus that is performing the session autorestart.

Note that replication data from initial-state processes that were active at the time of the failure is not recovered automatically.

**Action** If initial-state processes were active at the time of the failure, check whether any of them need to be rerun. If so, restart them.

**ADAF4B** **{dbid} Recovery statistics for Reptor {rptid}**
**{dbid} Replicated transactions recovered = {count1}**
**{dbid} Immediately confirmed by Reptor = {count2}**
**{dbid} Already fully received by Reptor = {count3}**
**{dbid} To be sent (or resent) to Reptor = {count4}**

**Explanation** During session autorestart. Adabas recovered replication data from the Work data set. After connecting to the Event Replicator Server, Adabas reports:

- how many replicated transactions were recovered that had not been confirmed as successfully processed by the Event Replicator Server before the abnormal end of the previous Adabas session (*`count1`*),
- how many of those transactions were confirmed by the Event Replicator Server when Adabas reconnected after the session autorestart (*`count2`*),
- how many of those transactions the Event Replicator Server fully received from the previous session (*`count3`*), and
- how many recovered transactions Adabas is going to send (or resend) to the Event Replicator Server (*`count4`*).

If files in the database are replicated via multiple Event Replicator Servers, Adabas prints one set of these messages for each Event Replicator Server.

**Action** No action is necessary for this informational message.

**ADAF4C**

**{dbid} Replication data overwritten on Work**
**{dbid} Reptor ID = {rptid}**
**{dbid} Affected files = {fnr-list}**

**Explanation**

During session autorestart, Adabas detected that one or more Event Replicator Servers had not confirmed the complete processing of one or more older transactions that had already been overwritten on the Work data set in the previous session. It reports which Event Replicator Servers and which replicated files are involved.

**Note:** This message is the forerunner of the report of the possible loss of replication data. It indicates that Adabas is unable to recover this replication data because it was already overwritten on the Work data set. However, if the Event Replicator Servers remained active across the outage of Adabas, there is a good chance that the replication data in question is still held or has already been successfully processed by the Event Replicator Servers.

**Action**

*Do not* take action to recover from the loss of replication data based on this message alone. The final outcome is reported subsequently in messages **ADAF4D** or **ADAF4E**.

If there was no backup of replication data being processed by the Event Replicator Servers at the time of the Adabas failure, consider increasing the value of the ADARUN LP parameter, so that replication data can be held longer on the Work data set.

**ADAF4D**

**{dbid} *** Replication data probably lost *****
**{dbid} Reptor ID = {rptid}**
**{dbid} Affected files = {fnr-list}**
**{dbid} From time… {timestamp1}**
**{dbid} To time….. {timestamp2}**

**Explanation**

Replication data that was overwritten on the Work data set, as reported in an earlier **ADAF4C** message, has not been processed by the Event Replicator Server nor is it still available on the Event Replicator Server side. Adabas and the Event Replicator Server are unable to recover this replication data.

The message indicates which Event Replicator Server and files may be affected, as well as the time period of the missing replication data.

If files in the database are replicated via multiple Event Replicator Servers, Adabas prints one set of these messages for each Event Replicator Server that is implicated in the probable loss of replication data.

**Action**

Take actions to bring the original data and its replicas back in sync. The extent to which this is necessary depends on the requirements of the application using the replication system.

**ADAF4E** **{dbid} Replication data recovered; not lost**
**{dbid} Reptor ID = {rptid}**
**{dbid} Affected files = {fnr-list}**

**Explanation** Replication data that was overwritten on the Work data set, as reported in an earlier **ADAF4C** message, was still available on the Event Replicator Server side and has been successfully processed by the Event Replicator Server.

If the database contains files being replicated via multiple Event Replicator Servers, Adabas prints one set of these messages for each Event Replicator Server that is not implicated in the loss of replication data.

**Action** No action is required for this informational message. The original data and its replicas are in sync even though not all of the replication data could be recovered from the Work data set.

**ADAF4F** **{dbid} No replication data to be recovered**

**Explanation** During session autorestart, Adabas found that all replicated transactions from the previous session had already been successfully processed by the Event Replicator Server before the previous session terminated abnormally. There was no replication data that needed to be recovered.

**Action** No action required for this informational message. The original data and its replicas are in sync.

**ADAF4G** **TLOG suspended due to TLMAX exceeded**

**Explanation** TLOG logging processing has used more of the replication pool than the percentage assigned it by the `TLMAX`.

**Action** Determine why TLOG activity is exceeding replication pool limits. Consider adjusting the size of the replication pool or adjusting the `TLMAX`, as appropriate.

**ADAF4H** **TLOGing resumed as RPL usage below TLRESTART value**

**Explanation** TLOG records have been removed from the replication pool because the replication pool percentage defined by the `TLMAX` was exceeded. TLOG usage has now fallen below the percentage specified in the `TLRESTART` and so TLOG processing has resumed.

**Action** No action is required for this informational message.

**ADAF4I** **{number} TLOG records discarded**

**Explanation** TLOG records have been deleted from the replication pool, due to a replication pool full condition. The number of records that have been deleted is given in the message.

**Action** No action is required for this informational message.

**ADAF4K** **ADARPL for DBID {dbid} connected, token {number}**

**Explanation** An instance of the ADARPL utility has established a session with the Event Replicator Server for the database identified in the message. The token number it has been assigned is also listed in the message and can be used to track the session.

**Action** No action is required for this informational message.

**ADAF4L** **ADARPL for DBID {dbid} disconnected, token {number}**
**Total number of transactions processed: {nnnnnnnnn}**

**Explanation** An instance of the ADARPL utility has terminated its session with the Event Replicator Server for the database identified in the message. The token number listed in the message identifies the terminating session. The total number of transactions processed by the ADARPL utility is also given in the message.

**Action** No action is required for this informational message.

**ADAF4M** **{dbid} count record images suppressed for file {fnr}**

**Explanation** After an Adabas failure and session autorestart, replication data was recovered for which a matching FDT was no longer available. The FDT had been changed or deleted by a utility operation. Adabas suppressed the record images of the replicated records, because without a matching FDT, the Event Replicator Server could not process them.

This message displays how many record images were suppressed for which files. For each suppressed record image, the Event Replicator Server delivers the replicated record with response code 131 (ADARSP131), subcode 60 in fields URBRRSP and URBRSUBC of the URBR. Unless these images had already been delivered earlier to the target application, they are lost.

**Action** Use application-specific means to determine whether updates to replicated records have been lost and to get the related original data and their replicas back in sync.

**ADAF4N** **RPLCLEANUP unable to find any active Tokens**
**Requested Token for RPLCLEANUP was not found**

**Explanation** One of the following occurred:

- An RPLCLEANUP=ALL operator command was entered, but there were no ADARPL replay operations in progress.
- An RPLCLEANUP=token operator command was entered, but there was no ADARPL replay operation in progress with the specified token.

**Action** Supply a token for a replay operation that is in progress or start some ADARPL replay operations. The operator command DRPLSTAT can be used to identify active ADARPL replay tokens.

**ADAF4O** **RPLREFRESH requested, but refresh is already active.**

**Explanation** A new RPLREFRESH request has been issued but a previous RPLREFRESH command is still being processed.

**Action** Wait for the previous RPLREFRESH command to be processed and reenter the command.

**ADAF4P** **RPLREFRESH ,ABORT requested, refresh not active**

**Explanation** A RPLREFRESH,ABORT command has been issued but no refresh is in progress.

**Action** No action is required for this informational message.

**ADAF4Q** **ABORT request has been scheduled**
**ABORT is already scheduled**

**Explanation** An RPLREFRESH,ABORT command has been issued and has been either accepted or rejected (when another RPLREFRESH,ABORT is already scheduled).

**Action** No action is required for this informational message.

**ADAF4R** **Replication data received for unknown subscription {sname}**
**from Reptor {dbid} on input queue {iqueue}**

**Explanation** A replicated transaction was received from an Event Replicator Server instance *dbid* for subscription *sub* on input queue *iqueue*, but no subscription definition was found. When unsolicited replication data is received on an input queue, the Event Replicator Server closes the input queue for further processing and message **ADAF8G** is produced.

**Action** Add appropriate subscription, SFILE, and, if necessary, destination definitions to specify how the replication data should be processed. When appropriate definitions have been specified, try again.

**ADAF4S** **Message received with unexpected sequence number on input queue {iqueue},**
**from Reptor {dbid}**
**Expected: {value1} Received: {value2}**

**Explanation** An out-of-sequence replicated transaction was received on the input queue *iqueue*. When this error occurs, the Event Replicator Server closes the input queue for further processing. Message **ADAF8G** will follow this message to indicate this action.

**Action** The exact cause of the error should be determined and appropriate actions should be taken before you try again. Once you have resolved the problem, resume replication processing on the input queue by restarting the Event Replicator Server session from the failing point, using an initial-state definition if required.

**ADAF4T** **Input Queue: {iqueue} Truncated message received**

**Explanation** A truncated replicated transaction was received on the input queue *iqueue*. When this error occurs, the Event Replicator Server closes the input queue for further processing. Message **ADAF8G** will follow this message to indicate this action

**Action** Either the IQBUFLEN parameter on the local Event Replicator Server node or the MAXOUTPUTSIZE parameter on the remote Event Replicator Server node needs to be increased and replication processing restarted.

**ADAF4U** **Closing input queue {qname} due to replication pool overflow**

**Explanation** When a request to allocate memory on behalf of an input queue fails because the replication pool is full, the input queue will be closed. The message indicates which input queue has been closed as a result of the over flow. If the replication pool has been allocated with a large enough size, problems like this can happen if there is data backing up in the Event Replicator Server address space.

**Action** Investigate why the replication pool has filled up and take appropriate action to avoid this happening into the future.

**ADAF4V** **Closing input queue {qname} due to unexpected input data - {bad-input-data}**

**Explanation** Unexpected or bad data was received on an input queue so the input queue is closed as the Event Replicator Server is not in a position to deal with the data. The *bad-input-data* listed in the message can be any of the following:

- URBCLEN is invalid
- No prior transaction for URBC
- URBCSNAM is invalid
- URBCTSNR is invalid
- URBCRSNR is invalid
- URBCDSNR is invalid
- URBT/partial previous trans.
- Insufficient buffer for URBT
- URBTLEN is invalid
- Insufficient buffer for URB*
- Eye-catcher not URBD/URBE/URBR
- Insufficient buffer for URBE
- URBELEN is invalid
- Insufficient buffer after URBE
- URBE not followed by URBT
- Insufficient buffer for URBD
- URBDLENH is invalid

- Insufficient buffer for image
- No record for URBD
- URBDTYP is invalid
- Before image already received
- After image already received
- Insufficient buffer for URBR
- URBRLEN is invalid
- URBRTYP is invalid

To review the Event Replicator for Adabas DSECTs and the definitions of the DSECT fields listed in the *bad-input-data* above, read *Event Replicator for Adabas Programmer's Reference*, in *Event Replicator for Adabas Application Programmer's Reference Guide*.

This message is normally the result of a payload being received on an input queue that is not from another Event Replicator Server. It may be another application sending spurious data to a queue which is then picked up by the Event Replicator Server.

**Action** To determine what the payload looks like, turn on transaction logging (TLOGing) for "request received" processing using the `TLREQRECV` system parameter. This will cause the message text to be written to the TLOG. The TLOG information can subsequently be printed using the ADARPP utility. Use the message contents to determine where the spurious data originated. If not, use IBM EntireX tracing or WebSphere MQ facilities to determine what application is sending these messages to the Event Replicator Server.

For more information about activating transaction logging for the Event Replicator Server, read *TLREQRECV Parameter*, in *Event Replicator for Adabas Reference Guide*. For information about the ADARPP utility, read *ADARPP Utility: Print TLOG Records* , in *Event Replicator for Adabas Reference Guide*.

**ADAF4W** **A failure occurred while notifying the file activation driver nucleus ID {nucid} File {num} may not have been fully reactivated**

**Explanation** A cluster peer nucleus encountered an error when it attempted to notify the driver nucleus of an "activate file" request.

**Action** Reissue the file activation request.

**ADAF4Z** **Unexpected response code {rsp}/ {subcode} from Reptor {dbid}**

**Explanation** A V1 command to the Event Replicator Server identified in the message (*dbid*) returned the response code (*rsp*) and subcode (*subcode*) given in the message.

**Action** Investigate the response code and subcode to identify and correct the problem.

**ADAF50** **GFORMAT NAME must be seven bytes or less**

**Explanation** The parameter GFORMAT NAME=*ggggggg* exceeds a 7 byte length restriction.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF51** **Destination definition not found for Destination {dest-name} in Subscription {subs-name}**

**Explanation** When specifying additional parameter input for the subscription named in the message, a destination is referenced which has not been defined in the Replicator system file or in a DESTINATION initialization parameter.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF52** **For Subscription {ssssssss} Global format {ggggggg} not found in Global format definitions**

**Explanation** When specifying additional parameter input for SUBSCRIPTION NAME=ssssssss, a global format is referenced which does not have a corresponding GFORMAT NAME=ggggggg parameter.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF53** **Subscription {ssssssss} dbid {ddddd} file {fffff} has a filter format buffer specified without a filter definition**

**Explanation** A filter format buffer is defined at the subscription file level when no filter is defined for that subscription file. The subscription name, database ID, and file number are given in the message.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF54** **message-text**

**Explanation** This message number is associated with several possible message texts. The following table describes all of the possibilities.

| Message Text | Description |
|---|---|
| Replication error: Adabas destination *dest-id* Source DBID *src-dbid* FNR *src-fn*, Target DBID *trg-dbid* FNK *trg-fn* | This message text is issued once to the console when replication to an Adabas destination fails because the status of the target file is not as expected. This message is written to both the console and DDPRINT. However, it is written only once to the console for each destination in error. |
| *yyyy.mm.dd hh.mm.ss* Replication error: Adabas destination *dest-id* | This message text is issued to DDPRINT every time replication to an Adabas destination fails because |

| Message Text | Description |
|---|---|
| Source DBID *src-dbid* FNR *src-fn*, Target DBID *trg-dbid* FNK *trg-fn* | the status of the target file is not as expected. ADAF54 messages with this message text are only written to DDPRINT; they are not written to the console. |
| Key: *dump* | If the DATMETHOD parameter of an Adabas destination definition is specified as KEY, this message is used to print the hexadecimal and EBCDIC dump of the key, with the offset in hexadecimal. ADAF54 messages with this message text are only written to DDPRINT; they are not written to the console. |

**Action** See accompanying messages in DDPRINT for more information.

**ADAF55** **Subscription {subsname} database {dbid} file {nn}**
**{after|before} image uses global format buffer {gfb}**
**This global format buffer is also used**
**elsewhere for a key image**

**Explanation** When specifying additional parameter input for the subscription (*subsname*), database (*dbid*), and file (*nn*) listed in the message, a global format buffer (*gfb*) is referenced in which the format buffer is for KEY, and is incorrect.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF57** **For Subscription {subsname} database {dbid} file {nn}**
**key image uses global format buffer {gfb}**
**This global format buffer is also used**
**elsewhere for a DS image**

**Explanation** When specifying additional parameter input for the subscription (*subsname*), database (*dbid*), and file (*nn*) listed in the message, a global format buffer (*gfb*) is referenced in which the format buffer is not for KEY, and is incorrect.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF58** **Loading exit {eeeeeeee} failed;**
**IOR response code {rc} Reason code {code}**

**Explanation** A load was issued for the exit program named in parameter SFSEXIT=*eeeeeeee*, and it was unsuccessful.

**Action** Investigate the cause of the error; correct it and restart the Event Replicator Server.

**ADAF59** **Adabas destination {dest-name} is specified in more than one subscription**

**Explanation** An Adabas destination is used by more than one subscription. Only one subscription may send data to an Adabas destination.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF5A** **A request sent to Adabas to {activate | deactivate}**
**DBID/File {dbid/file} failed:**

**Explanation** The Event Replicator Server requested the database listed in the message activate or deactivate the file listed in the message. This request failed due to one of the following reasons:

- The file is an invalid file.
- The file has not been defined for replication
- The file has not been defined for replication for this Event Replicator Server

The response code and subcode (*rrrrr / sssss*) are given in the message.

**Action** Check if the file is correctly defined for replication to this Event Replicator Server. If "invalid file" is indicated, check if the Event Replicator Server subscription references a file number beyond MAXFILES for the database. If a response code is given, investigate the response code and subcode to identify and correct the problem.

**ADAF5H** **Reptor {rpid} has successfully processed all replicated transactions from this Adabas nucleus that ended before**

**Explanation** The Event Replicator Server successfully processed all replicated transactions.

**Action** No action is necessary for this informational message.

**ADAF5P** **The Reptor has no information about transactions**
**from database {dbid} for [file {fnr} | subscription {sname} | destination {dname} | replay process {token}]**

**Explanation** Following an event that may cause the loss of replication data (for example, the deactivation of a destination), this message indicates that the Event Replicator Server has been unable to track which replicated transactions were processed successfully before the event. This may happen, for example, if the Event Replicator Server has not had contact with Adabas between the start of the Event Replicator Server and the mentioned event.

**Action** If replication data was lost due to the event for which this message was issued, replay the records from the PLOG data sets. During replay processing, be careful to specify a FROMDATE and FROMTIME that covers all replicated transactions that were lost.

**ADAF5Q** **All transactions from database {dbid}**
**that ended before {date time}**
**have been processed for [file {fnr} | subscription {sname} | destination {dname} | replay process {token}]**

**Explanation** Following an event that may cause the loss of replication data (for example, the deactivation of a destination), this message reports the latest known time for which replicated data was processed successfully; in other words any replicated transaction that ended before this time was *not* lost due to this event. There may or may not be replicated transactions that ended at or after this time which have been lost.

**Action** If replication data was lost due to the event for which this message was issued and the lost data is to be replayed from the PLOG data sets, you could use the date and time listed in this message for the FROMDATE and FROMTIME of the replay process.

**ADAF5R** **Replay process started, token {ttttt}**

**Explanation** A replay process was started with the token shown in the message.

**Action** No action is required for this informational message.

**ADAF5S** **{dbid} Replay process ended successfully**

**Explanation** The replay process referred to in the preceding ADAF4L message ended successfully. The Event Replicator Server returns response code 0 (ADARSP000) to the disconnecting ADARPL

**Action** No action is required for this informational message.

**ADAF5T** **Transactions from Adabas could not be held during replay**

**Explanation** While the replay process referred to in the previous ADAF4L message was running (in synchronized mode), Adabas sent more replication data than the Event Replicator Server was able to hold in its replication pool until the replay process is finished. The Event Replicator Server dropped the new replication data from Adabas and the replay process (ADARPL) proceeded (in replay-only mode).

**Action** Run a new replay process for the same subscriptions and destinations to replay the lost replication data that Adabas produced during the first replay process.

**ADAF5U** **Replay process ended with response code {rrr}, subcode {sss}**

**Explanation** The replay process referred to in the preceding ADAF4L message has encountered an error. The response code and subcode shown in the message is returned by the Event Replicator Server to ADARPL.

**Action** Investigate the cause of the error, correct it, and run a new replay job.

**ADAF5V** **Starting de-logging of held transactions from Adabas**
**Replay token = {ttttt}**

**Explanation** When the replay process (in synchronized mode) whose token is shown in the message ended, the Event Replicator Server started delogging and processing the replication data that was sent by Adabas but suspended by the Event Replicator Server while the replay process was running.

**Action** No action is required for this informational message.

**ADAF5W** **De-logging of held transactions from Adabas completed**
**Replay token = {ttttt}**

**Explanation** The Event Replicator Server completed delogging and processing the transactions from the Event Replicator Server that it had suspended while a synchronized replay completed. The token for the completed replay process is listed in the message.

**Action** No action is required for this informational message.

**ADAF5X** **Waiting for the completion of update transactions, referencing file {fnr}**

**Explanation** This informational message indicates that processing is waiting for the completion of all updates to the file referenced in the message.

**Action** No action is required for this informational message.

**ADAF5Y** **All update transactions active at the time file {fnr} was activated, have completed - Notifying nucleus {nucid}**

**Explanation** All update transactions active have completed successfully when the file referenced in the message was activated.

**Action** No action is required for this informational message.

**ADAF5Z** **Building pseudo transaction to inform Reptor {rpid} that file {fnr} has been activated**

**Explanation** This is an internal message that occurs as a result of activating the file named in the message.

**Action** No action is required for this informational message.

**ADAF60** **At least one ISUBSCRIPTION, IDESTINATION or IFILE is required for INITIALSTATE {name}**

**Explanation** The initial-state definition named in the message has no associated subscriptions, destinations or files.

**Action** Correct the initial-state definition and restart the Event Replicator Server.

**ADAF61** **DAIFILE f{####, }DAIDBID d{#### }in Destination {ddddddd} does not have a matching DBID/FILE in Subscription {ssssssss}**

**Explanation** For DESTINATION NAME=ddddddd, the specified DAIFILE=f#### and DAIDBID=d#### parameters do not have a corresponding SFILE and SFDBID combination in the specified DASUBSCRIPTION=ssssssss.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF62** **FILTER {name} {filter-name} is not unique**

**Explanation** An attempt was made to define a filter with the name specified in the message more than once. The specified name is not unique.

**Action** Change one of the duplicate filter definition names to a different, unique, name.

**ADAF63** **Delete failure for Exit {eeeeeeee}**

**Explanation** When a non-zero return code occurs in the execution of ADARPD, then any exits loaded during this execution will be deleted. There was a failure in deleting the exit program *eeeeeeee*.

**Action** Investigate the cause of the error; correct it and restart the Event Replicator Server.

**ADAF64** **Invalid Resendbuffer Name {name}**

**Explanation** The resend buffer definition name shown in the message is not valid. The name must:

- Be comprised of one to eight uppercase, alphanumeric, and national characters (@,$,#). If the name is less than eight characters, it is automatically padded on the right with blanks.
- Be enclosed in single quotes (') if any national characters are used.
- Not begin with a numeric character or a blank.
- Have no embedded blanks.
- Not begin with the letters "SYS".

**Action** Correct the name and try again.

**ADAF65** **GFORMAT name {ggggggg} is not unique**

**Explanation** Duplicate names for global format definitions have been found.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF66** **IQueue name {name} is not unique**

**Explanation** There have been duplicate IQUEUE NAME=*name* statements found.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF67** **Destination name {dddddddd} is not unique**

**Explanation** There have been duplicate DESTINATION NAME=dddddddd found.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF68** **Input DBID d{####, }FILE f{#### }not unique in Adabas Destination {dddddddd}**

**Explanation** In DESTINATION NAME=dddddddd, there are duplicate DAIFILE=f#### and DAIDBID=d#### found..

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF69** **Subscription name {ssssssss} is not unique**

**Explanation** There have been duplicate SUBSCRIPTION NAME=ssssssss found.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF6A** **ResendBuffer {resendbuffer-name} not found for Subscription {subscription-name}**

**Explanation** The resend buffer name specified in the SRESENDBUFFER parameter has not been defined.

**Action** Either correct the SRESENDBUFFER parameter specification or create a corresponding RESENDBUFFER definition for the resend buffer. Then restart the Event Replicator Server.

**ADAF6B** **Input Queue {queue} has invalid data**

**Explanation** An error occurred when reading the Replicator system file for the input queue named in the message.

**Action** The Adabas Event Replicator Subsystem can be used to delete and correct the information. If necessary, notify support with the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

**ADAF6C** **Destination {dest} has invalid data in a subsequent record**

**Explanation** An error occurred when reading the Replicator system file for the Adabas destination named in the message.

**Action** The Adabas Event Replicator Subsystem can be used to delete and correct the information. If necessary, notify support with the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

**ADAF6D** **Destination {dest} has invalid data**

**Explanation** An error occurred when reading the Replicator system file for the destination named in the message.

**Action** The Adabas Event Replicator Subsystem can be used to delete and correct the information. If necessary, notify support with the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

**ADAF6E** **Initial state {is-name} has invalid sequence data**

**Explanation** An error occurred when reading the Replicator system file for the initial-state definition named in the message.

**Action** The Adabas Event Replicator Subsystem can be used to delete and correct the information. If necessary, notify support with the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

**ADAF6F** **Subscription {subscription} has an invalid {fmtbuffertype}**

**Explanation** An error occurred when reading the Replicator system file for the subscription named in the message. The format buffer for this subscription had an incorrect length. The format buffer item is substituted in the message for *fmtbuffertype*. Possible values are:

- format buffer before image
- format buffer after image
- format buffer key

**Action** The Adabas Event Replicator Subsystem can be used to delete and correct the information. If necessary, notify support with the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

**ADAF6G** **Subscription {subscription} has invalid data (subtype n)**

**Explanation** An error occurred when reading the Replicator system file for the subscription named in the message. An internal structure was found to be invalid.

**Action** The Adabas Event Replicator Subsystem can be used to delete and correct the information. If necessary, notify support with the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

**ADAF6H** **Initial State {is-name} has an invalid length for the selection criteria**

**Explanation** An error occurred when reading the Replicator system file for the initial-state definition named in the message. The selection criteria has an invalid length.

**Action** The Adabas Event Replicator Subsystem can be used to delete and correct the information. If necessary, notify support with the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

**ADAF6I** **Global Format {name} has an invalid length**

**Explanation** An error occurred when reading the Replicator system file for the global format definition named in the message. The global format buffer has not been correctly generated.

**Action** Regenerate the global format buffer using the Adabas Event Replicator Subsystem. If the problem persists, contact your Customer support representative with the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

**ADAF6J** **Subscription {subscription} has invalid data**

**Explanation** An error occurred when reading the Replicator system file for the subscription named in the message

**Action** The Adabas Event Replicator Subsystem can be used to delete and correct the information. If necessary, notify support with the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

**ADAF6L** **ADARUN RPLPARMS={parm} is specified but the Replicator file does not exist**

**Explanation** An Event Replicator Server has ADARUN RPLPARMS=FILE or ADARUN RPLPARMS=BOTH specified but the Replicator file does not exist.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF6M** **DACTIVE must be YES or NO**

**Explanation** The value of the `DACTIVE` subparameter must be either "YES" or "NO". `DACTIVE` is a parameter of the `DESTINATION` initialization parameter.

**Action** Check the parameter input, supply a valid value, and restart the Event Replicator Server.

**ADAF6N** **SACTIVE must be YES or NO**

**Explanation** The value of the SACTIVE subparameter must be either "YES" or "NO". SACTIVE is a parameter of the SUBSCRIPTION initialization parameter.

**Action** Check the parameter input, supply a valid value, and restart the Event Replicator Server.

**ADAF6O** **Valid range for IRMSGLIMIT is 3 to 2,147,483,647**

**Explanation** The value of the IRMSGLIMIT initialization parameter must be between 3 and 2, 147,483,647.

**Action** Check the parameter input, supply a valid value, and restart the Event Replicator Server.

**ADAF6P** **Valid range for IRMSGINTERVAL is 1 to 2,147,483,647**

**Explanation** Valid values for the IRMSGINTERVAL parameter must be between 1 and 2,147,483,647.

**Action** Check the parameter input; supply a correct value, and restart the Event Replicator Server.

**ADAF6Q** **SINCREMENTIS must be YES or NO**

**Explanation** Valid values for the SINCREMENTIS parameter are "YES" or "NO".

**Action** Check the parameter input; supply a correct value, and restart the Event Replicator Server.

**ADAF6R** **Valid range for IMAXREQ is 1 to 2,147,483,647**

**Explanation** Valid values for the IMAXREQ parameter must be between 1 and 2,147,483,647

**Action** Check the parameter input; supply a correct value, and restart the Event Replicator Server.

**ADAF6S** **DLOG must be YES or NO**

**Explanation** An invalid value was specified for the DLOG subparameter of the DESTINATION NAME parameter. Valid values are "YES" or "NO".

**Action** Check the parameter input; supply a correct value, and restart the Event Replicator Server.

**ADAF6T** **VERIFYMODE must be {YES|Y} or {NO|N}**

**Explanation** An invalid value was specified for the `VERIFYMODE` parameter in the DDKARTE statements of the Event Replicator Server startup job or for the **Verify Mode** global value setting in the Replicator system file.

Valid values for the `VERIFYMODE` parameter are YES or NO, with a default of NO. Valid values for the **Verify Mode** global value setting are Y or N, with a default of N.

**Action** Correct the `VERIFYMODE` parameter setting or the **Verify Mode** global value setting, as appropriate for your Event Replicator for Adabas implementation, and try again.

**ADAF6U** **FBVALIDATION must be NONE, WARN, DEAC, or ABORT**
**Format buffer validation must be N for NONE, W for WARN, D for DEAC, or A for ABORT**

**Explanation** An invalid value has been specified for the `FBVALIDATION` parameter or in the **Format Buffer Validation** field.

**Action** Correct the input value and restart the Event Replicator Server.

**ADAF6V** **DATABASE DBCONNECT parameter must be YES or NO**

**Explanation** An invalid value was specified for the `DBCONNECT` parameter.

**Action** Specify either "YES" or "NO" as a value for the `DBCONNECT` parameter or allow `DBCONNECT` to take the default value of "YES".

**ADAF6W** **DATABASE requires both DBCONNECT and ID parameters**

**Explanation** You must specify values for both the DATABASE `DBCONNECT` and `ID` parameters.

**Action** Correct the input values and restart the Event Replicator Server.

**ADAF6X** **Duplicate entry for database {dbid} invalid**

**Explanation** Database *`dbid`* has been specified more than once either in the DDKARTE input or via one of the online applications in the Replicator system file.

**Action** Remove all but one of the definitions for the database and restart the Event Replicator Server.

**ADAF6Y** **Global Format {gfb} {error}**

**Explanation** An error occurred when reading the Replicator system file for the global format buffer definition named in the message (*`gfb`*). The global format buffer has not been correctly generated. Possible errors (*`error`*) listed in the message are:

- has invalid subtype
- has invalid header

- invalid field type
- FT buffer too small

**Action** Regenerate the global format buffer using the Adabas Event Replicator Subsystem. If the problem persists, contact your Customer support representative with the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

**ADAF6Z** **Status/response {rsp} received from Reptor {rpid} on input queue {qname} TIME = {date time} RSP = {rc}, SUBC = {sc}, EXRRI = {err} INAM = {initial-state-name} SNAM = {subscription-name} DNAM = {destination-name} DBID = {dbid}, FNR = {fnr} UTOK = {token}IQNM = {iqueue-name}**

**Explanation** This informational message lists information returned from the Event Replicator Server.

**Action** No action is necessary for this informational message. Review other associated messages to see if an error occurred.

**ADAF70** **SFDBID d{####}, SFILE f{####} not unique in Subscription {ssssssss}**

**Explanation** In SUBSCRIPTION NAME=*ssssssss*, there are duplicate SFDBID=d#### and SFILE=f#### found.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF71** **Value NONE invalid in SDESTINATION for Subscription {ssssssss}**

**Explanation** In SUBSCRIPTION NAME=*ssssssss*, there is an SDESTINATION='NONE'. "NONE" is a reserved keyword for SIDESTINATION.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF72** **SDESTINATION {sdsdsdsd} is not unique within Subscription {ssssssss}**

**Explanation** In SUBSCRIPTION NAME=ssssssss, there is an SDESTINATION specifying duplicate destinations of *sdsdsdsd*.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF73** **SIDESTINATION {sisisisi} is not unique within Subscription {ssssssss}**

**Explanation** In SUBSCRIPTION NAME=*ssssssss*, there is an SIDESTINATION specifying duplicate destinations of *sisisisi*.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF74** **Input DBID/File may not equal Target DBID/File in Destination {dddddddd}**

**Explanation** In DESTINATION NAME=dddddddd, the DBID/FILE is matching between Input DBID/FILE and Target DBID/FILE.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF75** **SARC must be a value between 0 and 11**

**Explanation** The parameter SARC has a value not between 0 and 11.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF76** **SIDESTINATION is invalid. Either specify NONE or specify the destination names**

**Explanation** The parameter SIDESTINATION has both NONE and destination names specified.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF77** **ISUBSCRIPTION or IDESTINATION not unique**

**Explanation** The list of subscriptions specified in ISUBSCRIPTION parameter or list of destination specified in IDESTINATION parameter is not unique.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF78** **IFILE parameters only valid for INITIALSTATE**

**Explanation** IFILE parameter specified without INITIALSTATE keyword.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF79** **ISNLIST and SELCRIT are mutually exclusive**

**Explanation** Both ISNLIST and SELCRIT parameters specified.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF7A** **{yyyy.mm.dd.hh.min.ss} Initial-state {status}**
**Reptor-ID= {reptid}, FNR= {fnr},**
**Initial-state ID = X'{is-id}'**
**Response= {rc}, Subcode= {sc}**
**Read sequence is: {sequencetype}**
**Nr of records processed = {num}**
**Adabas could not inform Reptor about**
**end of initial-state process**
**replication is inactive**

**Explanation** These messages provide information on the status of an initial state. Possible values for *status* are "has started", "has ended", "terminated", "was stopped", or "error". Possible values for *sequencetype* are "ISN sequence", "Selection by ISN ", "Selection criterion (read logical)", or "Selection criterion (search command)".

**Action** No action is required for this informational message.

**ADAF7B** **ADAF7B ISNLIST, SELCRIT or IDBID specified without IFILE parameter**

**Explanation** The ISNLIST, SELCRIT and IDBID parameters can be specified only with IFILE parameters.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF7C** **Illegal SELCRIT expression.**

**Explanation** The SELCRIT parameter expression is illegal.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF7D** **ResendBuffer name {resendbuffer-name} is not unique**

**Explanation** The resend buffer name provided in the RESENDBUFFER parameter has been defined previously. The names must be unique.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF7E** **Destination {dest-name} has been changed to type NULL**

**Explanation** Event Replicator for Adabas is running in verify mode, so all destinations are changed to null-type destinations.

This message is generated for every destination that is changed to DTYPE=NULL when VERIFYMODE=YES is specified.

**Action** No action is required for this informational message.

**ADAF7F** **{AI|BI|FAI|FBI|KEY} decompression response {rc-code} subcode {rc-subcode} subscription {name} DBID {id} FNR {file-num} ISN {isn}**

**Explanation** A decompression failure occurred during the subscription phase of Event Replicator for Adabas processing. This failure is due to faulty format buffer or key data specified in a subscription definition.

The specific Event Replicator for Adabas buffer is identified in the message by one of the following codes:

- AI - after image
- BI - before image
- FAI - filter after image
- FBI - filter before image
- KEY - key before image

**Action** Correct the format buffer or key data and try again.

**ADAF7G** **Successful {AI|BI|FAI|FBI|KEY} decompression for subscription {name} DBID {id} FNR {file-num} ISN {isn}**

**Explanation** Decompression during the subscription phase of Event Replicator for Adabas processing was successful; there were no errors.

This message is generated when Event Replicator for Adabas is running in verify mode and decompression is successful in the subscription phase.

The specific Event Replicator for Adabas buffer is identified in the message by one of the following codes:

- AI - after image
- BI - before image
- FAI - filter after image
- FBI - filter before image
- KEY - key before image

**Action** No action is required for this informational message.

**ADAF7H** **Misuse of A() or X() notation: {value}**

**Explanation** The value listed in the message does not obey the rules and restrictions governing the use of A() or X() notation as part of FLIST data. For more information, please read *Rules for Writing Filter Conditions* in *Adabas Event Replicator Subsystem User Guide*.

**Action** Check the FLIST input, correct the error, and restart the Event Replicator Server.

**ADAF7I** **Misuse of commas in FLIST: {list}**

**Explanation** The list given in the message does not obey the rules and restrictions governing the use of comma characters as part of FLIST data. For more information, please read *Rules for Writing Filter Conditions* in *Adabas Event Replicator Subsystem User Guide*.

**Action** Check the FLIST input, correct the error, and restart the Event Replicator Server.

**ADAF7J** **Misuse of wildcharacter in value: {value}**

**Explanation** The value listed in the message does not obey the rules and restrictions governing the use of wildcard characters as part of FLIST data. For more information, please read *Rules for Writing Filter Conditions* in *Adabas Event Replicator Subsystem User Guide*.

**Action** Check the FLIST input, correct the error, and restart the Event Replicator Server.

**ADAF7K** **Invalid hexadecimal input for X() notation: {value}**

**Explanation** The value listed in the message expects to use X() notation but the data between the parentheses does not represent valid hexadecimal data.

**Action** Check the FLIST input, correct the error, and restart the Event Replicator Server.

**ADAF7L** **Filter {filter}, Group {group}, Condition {condition} inconsistent with value list.**

**Explanation** The filter identified by the *filter*, *group* and *condition* listed in the message specifies FLIST data which cannot be evaluated against the FCOND operation specified. For the correct usage, please read *Rules for Writing Filter Conditions* in *Adabas Event Replicator Subsystem User Guide*.

**Action** Modify the FLIST input or the FCOND parameter to correct the error. Then restart the Event Replicator Server.

**ADAF7M** **When specified, SELCRIT must be nonblank**

**Explanation** The parameter SELCRIT contains only blanks.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF7N** **SDEACTIVATE must be YES or NO**

**Explanation** An invalid value was specified for the SDEACTIVATE parameter.

**Action** Correct the value and try again.

**ADAF7O** **Subscription {subsname} database {dbid} file {nn}**
**{before|after|key} image uses global format buffer {gfb}**
**This global format buffer contains field table**
**information. It may not be used by more than**
**one combination of database and file**

**Explanation** A global format buffer (GFB) definition contains a field table and is used for more than one combination of database ID and file number. This is not allowed.

**Action** Correct the subscription so that the GFB field table is used for a single combination of database ID and file number.

**ADAF7P** **Subscription {subsname} database {dbid} file {nn}**
**{before|after|key} image uses global format buffer {gfb}**
**This global format buffer is also used by**
**subscription {subsname} database {dbid} file {nn}**
**A global format buffer may not be used for the**
**same file number on different databases**

**Explanation** A global format buffer (GFB) definition is used by a subscription for the same file number on different databases. This is not allowed.

**Action** Correct the subscription so that the GFB is used properly.

**ADAF7Q** **IDBID {idbid}, IFILE {fn} not unique in initial-state**

**Explanation** The initial-state database ID and file number are not unique for the initial-state definition, although they must be.

**Action** Correct the initial-state definition so that is includes unique database ID and file number combinations.

**ADAF7X** **DAREPLICATEUTI=YES requires DREPLICATEUTI=YES**

**Explanation** An attempt was made to turn on utility replication for a file (DAREPLICATEUTI) in an Adabas destination, without also turning on utility replication for the Adabas destination in general.

**Action** Correct the parameter input and restart the Event Replicator Server.

**ADAF7Z** **DREPLICATEUTI must be YES or NO**

**Explanation** An invalid value was specified for the DREPLICATEUTI parameter. Valid values are "YES" or "NO".

**Action** Correct the parameter input and restart the Event Replicator Server.

**ADAF80** **Invalid INITIALSTATE definition NAME={is-name}**
**Destination {dname} in subparameter IDESTINATION undefined**

**Explanation** The initial-state definition named in the message is invalid because the destination specified in the IDESTINATION parameter is not defined in the Replication system file or by a DESTINATION initialization parameter. The destination name is also given in the message.

**Action** Correct the destination that is referenced by the IDESTINATION parameter of the initial-state definition or add an appropriate destination definition to the Replicator system file or Event Replicator Server startup job, if necessary. You can add and modify replication definitions using initialization parameters or the Adabas Event Replicator Subsystem.

Once the definitions and parameters are correctly specified, restart the Event Replicator Server.

**ADAF81** **Invalid INITIALSTATE definition NAME={is-name}**
**Wrong IFILE supplied**

**Explanation** The IFILE parameter of the initial-state definition is incorrect. Either IFILE=0 is specified or the IFILE parameter is omitted.

**Action** Correct the initial-state parameter specifications. Once the definitions and parameters are correctly specified, restart the Event Replicator Server.

**ADAF82** **Invalid INITIALSTATE definition NAME={is-name}**
**Subscription {sname} in subparameter ISUBSCRIPTION undefined**

**Explanation** The initial-state definition named in the message is invalid because the subscription specified in the ISUBSCRIPTION parameter is not defined in the Replication system file or by a SUBSCRIPTION initialization parameter. The subscription name is also given in the message.

One or more subscriptions specified in ISUBSCRIPTION parameter are not defined in SUBSCRIPTION settings.

**Action** Correct the subscription that is referenced by the ISUBSCRIPTION parameter of the initial-state definition or add an appropriate subscription definition to the Replicator system file or Event Replicator Server startup job, if necessary. You can add and modify replication definitions using initialization parameters or the Adabas Event Replicator Subsystem.

Once the definitions and parameters are correctly specified, restart the Event Replicator Server.

**ADAF83** **Invalid INITIALSTATE definition NAME={is-name}**
**None of the specified destinations receive data from**
**subscription {sname}**

**Explanation** The initial-state definition named in the message is invalid because none of the destinations receive data from the subscription specified in the ISUBSCRIPTION parameter.

**Action** Correct the ISUBSCRIPTION parameter to identify the correct subscription or update the associated subscription definition so it sends data to one of the destinations specified in the initial-state definition. You can add and modify replication definitions using initialization parameters or the Adabas Event Replicator Subsystem.

Once the definitions and parameters are correctly specified, restart the Event Replicator Server.

**ADAF84** **Invalid INITIALSTATE definition NAME={is-name}**
**None of the specified or implied destinations receive data**
**from database {dbid} / file {fnr}**

**Explanation** The initial-state definition named in the message is invalid because none of the destinations listed in the initial-state definition receive data from the database and file listed in the message.

**Action** Correct one or more of the following, as necessary:

- Correct the ISUBSCRIPTION parameter in the initial-state definition to identify the correct subscription.
- Update one or more SFILE definitions within the associated subscription definition so it sends data from the database and file listed in the message.

You can add and modify replication definitions using initialization parameters or the Adabas Event Replicator Subsystem.

Once the definitions and parameters are correctly specified, restart the Event Replicator Server.

**ADAF85** **DARC must be a value between 0 and 3**

**Explanation** The parameter DARC has a value that is not between 0 and 3.

**Action** Check the parameter value, correct the error, and restart the Event Replicator Server.

**ADAF86** **Invalid INITIALSTATE definition NAME={is-name}**
**INITIALSTATE with IFILE requires either IDBID or DBID**

**Explanation** Neither IDBID nor DBID specified for IFILE parameter.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAF87** **AMI R={request} Q={details} RC={nnn}/{nnn}/{xxxxxxxx}/{xxxxxxxx}**

**Explanation** This message is issued when an error is encountered while communicating with the Adabas Messaging interface. When the error occurs as a result of a configuration or other expected error, a preceding message will have been issued to give more detailed information as to what the problem may be. If the error is not expected, you will need to use the information in this message along with the documentation from your messaging system to determine what caused the error.

R = Identifies the request that was issued.

Q = Gives 8 bytes of detail about the resource where the problem occurred. In some cases, such as the broker ID or the MQ Manager, only the first 8 bytes are given to indicate what was involved.

RC = Provides the Adabas Messaging Interface return and reason code and the underlying messaging subsystem return and reason codes respectively to help with error diagnosis.

**Action** If the message is preceded by another message indicating what the problem was, proceed based on that message. If the error was unexpected, try to determine from the messaging system response and reason codes what the problem was. If this fails, contact your Software AG technical support representative.

**ADAF88** **load failed for {mmmmmmmm}**

**Explanation** The load of the ADAETB/ADAMQS module has failed. The module name is given as *mmmmmmmm*.

**Action** Ensure the given module is available to the Event Replicator Server. Contact your DBA, system support personnel, or technical support if further assistance is needed.

**ADAF89** **Internal error in output subtask {nnn}**
**Internal error at {aaaaaaaa} = {mmmmmmmm}+{oooooo}**
**reg0 reg1 reg2 reg3 (R0-R3)**
**reg4 reg5 reg6 reg7 (R4-R7)**
**reg8 reg9 reg10 reg11 (R8-RB)**
**reg12 reg13 reg14 reg15 (RC-RF)**

**Explanation** Subtask number *nnn* has encountered an internal error at address 'aaaaaaaa'. If available, a module name *mmmmmmmm* and offset *oooooo* are provided. The register contents at the time of the error are also printed.

**Action** The subtask is terminated. Contact technical support for further assistance.

**ADAF8A** **Destination: {destination} Open failed: {reason-code}**

**Explanation** This message indicates that the attempt to open the indicated destination failed. The reason code indicates why the open attempt failed. This will normally occur if the DESTINATION has not been properly defined.

**Action** Determine the reason for the failure based on the supplied reason code and correct the condition. If the reason for the failure is "Unexpected reason code", refer to the codes returned in the subsequent **ADAF87** message.

**ADAF8B** **Connect failed: {zzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzz}**
**xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx**

**Explanation** This message is issued when an error is encountered while communicating with the Adabas messaging interface.

*xx.xxxx* is the name of the queue manager.

*zz.zzzz* is the reason for the failure. The following reasons can occur due to configuration or resource issues while running the Event Replicator Server. If any other reason appears, please contact your local support center.

- Queue name unknown - For WebSphere MQ, the queue name associated with the destination or input queue has not been defined to WebSphere MQ system. For IBM EntireX, the service name associated with the destination or input queue has not been defined to IBM EntireX. You must review the parameter definitions associated with the destination or input queue and ensure that the appropriate definitions have been set up correctly in WebSphere MQ or IBM EntireX.
- Messaging System incorrect - For WebSphere MQ, the queue manager is not known to WebSphere MQ. For IBM EntireX, the broker ID is not accessible on the system.

You must review the parameter definitions associated with the destinations and/or input queues and ensure that the appropriate definitions have been set up correctly in WebSphere MQ or IBM EntireX.

- Messaging System resource error - There is a resource problem in the WebSphere MQ queue manager or IBM EntireX being used as the message transport. Review the details of the following message to determine what the resource problems may be.
- Insufficient storage - An attempt to get memory failed. You must review the size of the Event Replicator Server address space.

**Action** See listings of failure reasons above.

**ADAF8C** **{ddddd} {request} for {resource} failed: {reason}**

**Explanation** This message is issued when an error occurs during Event Replicator Server processing of resources associated with the messaging system being used.

The *request* value in the message is the request that was issued (e.g. INIT, SEND, RECEIVE etc.)

The *resource* listed in the message is the resource on which the request failed. For example, when a SEND fails to a specific destination, *resource* will be the name of the destination where the failure occurred.

The *reason* listed in the message is the reason for the failure. The following reasons can occur due to configuration or resource issues while running the Event Replicator Server. If any other reason appears, please contact your local support center.

- *Queue name unknown* - For WebSphere MQ, the queue name associated with the destination or input queue has not been defined to the WebSphere MQ system. For EntireX Broker, the service name associated with the destination or input queue has not been defined to broker. You must review the parameter definitions associated with the destination or input queue and ensure that the appropriate definitions have been set up correctly in WebSphere MQ or EntireX broker.
- *Messaging System incorrect* - For WebSphere MQ, the queue manager starting with the 8 characters in yyyyyyyy is not known to WebSphere MQ. For IBM EntireX, the Broker ID starting with the 8 characters in yyyyyyyy is not accessible on the system. You must review the parameter definitions associated with the destinations and/or input queues and ensure that the appropriate definitions have been set up correctly in WebSphere MQ or EntireX broker.
- *Messaging System resource error* - There is a resource problem in the WebSphere MQ queue manager or IBM EntireX being used as the message transport. Review the details of the following message to determine what the resource problems may be.
- *Insufficient storage* - An attempt to get memory failed. You must review the size of the Event Replicator Server address space.
- *Destination is full* - The destination specified by *yyyyyyyy* is full. This indicates that the WebSphere MQ Queue Manager or IBM EntireX has refused to accept any more

data. The Event Replicator Server will periodically retry to send the data and, when it successfully manages to send data, will revert back to normal mode and send data as it arrives at the Event Replicator Server. The destination reaches capacity if the data consumer does not remove data from the destination more quickly than the Event Replicator Server can send data to that destination.

**Action** See listings of failure reasons above.

**ADAF8D** **delete failed for {yyyyyyyy}**

**Explanation** An attempt to delete the module *yyyyyyyy* from storage failed. This should not occur and should be reported to your local support center.

**Action** Contact your local support center.

**ADAF8E** **Open or Close already in progress for {queue-name}**

**Explanation** A request has been received to open or close a queue which is already in the process of being opened or closed.

**Action** Retry the request after the outstanding open or close request has completed.

**ADAF8F** **Input queue {queue-name} already opened**

**Explanation** A request to open the input queue listed in the message failed because the queue was already open.

**Action** Verify that you have specified the correct queue in the request and try again.

**ADAF8G** **Close for input queue {queue-name }successful**

**Explanation** The input queue close request completed successfully.

**Action** No action is required for this informational message.

**ADAF8H** **Open for input queue {queue-name } {status}**

**Explanation** The input queue open request either completed successfully or failed, as specified in the message (*status*). The name of the input queue is given in the message.

**Action** No action is required for this informational message.

**ADAF8I** **Warning: one or more destinations defined with DLOG=YES but SLOG file is not loaded**

**Explanation** You have specified DLOG=YES on the definition of one or more destinations, but an SLOG file has not been defined to the Event Replicator for Adabas.

**Action** Determine if DLOG=YES is required and, if so, define an SLOG file to the Event Replicator Server. For more information, read *Setting Up Subscription Logging* in *Event Replicator for Adabas Administration and Operations Guide*.

**ADAF8J** **SLOG cleanup process starting**

**Explanation** The SLOG cleanup process has started.

**Action** No action is required for this informational message.

**ADAF8K** **{*xx,xxx,xxx,xxx*} items deleted for {destination {destname}}|{replay instance that started at {date} {time}}**

**Explanation** One of the following occurred:

- The Event Replicator Server destination identified in the message had data on the SLOG. However, when the Event Replicator Server was initialized, the destination had the SLOG facility turned off, so the data on the SLOG file is deleted.
- In a previous Event Replicator Server session, a replay process that started at the date and time given in the message had data on the SLOG. When the Event Replicator Server was initialized, the replay-related data was deleted from the SLOG file.

The number of transactions deleted from the SLOG file is given in the message.

**Action** No action is required for this informational message.

**ADAF8L** **SLOG cleanup process {aborted|completed|halted}**

**Explanation** The SLOG cleanup process has finished.

**Action** No action is required for this informational message.

**ADAF8M** **Unexpected error *xxx* encountered while referencing DATA storage RABN {*xx,xxx,xxx,xxx*}**

**Explanation** An unexpected error occurred related to the data storage RABN listed in the message.

**Action** Identify and fix the problem from the response code and data storage RABN listed in the message or contact your technical support representative for assistance.

**ADAF8N** **{Open|Close} request {name} for destination {destname}**

**Explanation** An open or close request was received or rejected for the destination named in the message. This may occur if a previous open or close request is still in progress for the destination.

**Action** No action is required for this informational message.

**ADAF8O** **Subscription {subs-name} DBID {dbid} file {fn}**
**filter {filter-name} group group-name**
**condition {nnnnn} field {xx} error: {error-desc}**

**Explanation** An error occurred with the field, filter, and subscription named in the message. A description of the error, the database ID, file number, and condition are also listed in the message. Possible error descriptions are:

- Begin byte or length not supported for field format
- Begin byte plus length greater than field length
- Field, PE or MU instance not found in Format buffer
- Field specified cannot be used in field level filter
- Field type unrecognized
- Invalid begin byte specified
- Invalid length specified
- Invalid or out of range FLIST data: *data*
  hex: *hex*
- Source field type incompatible with target

**Action** Correct the problem indicated by the error description.

**ADAF8P** **Data read in SLOG for destination {destname} which now has DLOG=NO set**

**Explanation** SLOG data has been found for the destination listed in the message, which now has DLOG=NO set. This implies that at some point in the past, DLOG=YES was set and was subsequently changed. Be aware that this message indicates that previously logged data is now lost.

**Action** If logging should not be active for the destination, this can be ignored. However, if it should be active, determine why the configuration was changed.

**ADAF8Q** **Data read in SLOG for destination {destname} which is not configured**

**Explanation** SLOG initialization processing has encountered data on the SLOG system file for the destination listed in the message. However, the destination is not defined in the current configuration. All SLOG data related to the destination will be deleted.

**Action** If the destination should be defined, determine why it was omitted from the configuration.

**ADAF8R** **Reptor initialization terminated at the request of destination output user exit {exit-name} for destination {dest-name }**

**Explanation** A destination output user exit requested that the Event Replicator Server terminate.

**Action** No action is required for this informational message.

**ADAF8S** **SLOG init completed successfully**

**Explanation** SLOG initialization processing completed successfully.

**Action** No action is required for this informational message.

**ADAF8T** **An unexpected error occurred in SLOG related processing {message-text-varies} response code {respcode} / reason code {reascode}**

**Explanation** An unexpected error occurred during SLOG processing. The details of the error are provided in the second line of the message, as described in the following table. The response code and reason code are also provided in the message.

| Message Text | Description |
|---|---|
| Adabas Call Failed CMD=*command* | During SLOG processing, an Adabas call failed. The message provides the Adabas CMD that failed and provides associated reason and response codes. |
| Error returned from Adabas L3 read in RPSLI | An unexpected response code was received from Adabas during SLOG initialization. |
| Failure to acquire WORK pool space | During SLOG processing, an attempt to acquire work pool storage space failed. |
| L3 request on SuperDescriptor S1 failed | During SLOG read processing, an unexpected error occurred while reading the S1 descriptor. |
| L3 request on SuperDescriptor S2 failed | During SLOG read processing, an unexpected error occurred while reading the S2 descriptor. |
| Workpool storage request failed for CQE | Insufficient storage was available to initialize the Event Replicator Server SLOG facility. |

**Action** Investigate the response and reason codes to determine the cause of the problem and correct it. If you get the "Workpool storage request failed for CQE" message text, verify that sufficient storage is available for Event Replicator Server initialization.

**ADAF8U** **Destination {destname} open failed**
**Destination {destname} opened on some tasks**
**Destination {destname} opened on all tasks**

**Explanation** This is an informational message that indicates the result of an open request for the destination listed in the message.

**Action** If the open request failed, review associated messages to determine why it failed; then correct the problem. Otherwise, no action is required for this informational message.

**ADAF8V** **Destination {destname} already open**

**Explanation** A request to open the destination listed in the message failed because the destination was already open.

**Action** Verify that you have specified the correct destination in the request and try again.

**ADAF8W** **Destination {destname} close failed**
**Destination {destname} closed on some tasks**
**Destination {destname} closed on all tasks**

**Explanation** This is an informational message that indicates the result of a close request for the destination listed in the message.

**Action** If the close request failed, review associated messages to determine it failed; then correct the problem. Otherwise, no action is required for this informational message.

**ADAF8X** **Destination {destname} already closed**

**Explanation** A request to close the destination listed in the message failed because the destination was already closed.

**Action** Verify that you have specified the correct destination in the request and try again.

**ADAF8Y** **{message-text}**

**Explanation**

| Message Text | Explanation |
|---|---|
| Terminating with data in SLOG for database-related input transactions | The Event Replicator Server terminated with database-related input transactions from the Adabas nucleus logged on the SLOG system file. |
| The database-related input transactions on the SLOG system file contain only FCB/FDT data | This message may appear with the one above. The Event Replicator Server terminated with database-related input transactions on the SLOG file that contained only FCB or FDT data. This indicates that no replicated input transactions are pending on the SLOG system file at the end of the last session. |
| Terminating with data in SLOG for destination *destname* | The Event Replicator Server terminated with logged data on the SLOG system file for the destination listed in the message. |

| Message Text | Explanation |
|---|---|
| Terminating with data in SLOG for replay with token *token* | The Event Replicator Server terminated with logged data on the SLOG system file for the instance of the replay process identified by the token given in the message. |

**Action** No action is required for these informational messages. Once the Event Replicator Server is restarted, this data will be cleared from the SLOG file.

**ADAF8Z** **{Statistics }**

**Explanation** This message is displayed in response to the operator command `DRPLPARM`. It shows the replication-related parameters.

**Action** No action is required for these informational messages.

**ADAF90** **{nnn} output subtasks to be attached**

**Explanation** The Event Replicator Server is preparing to attach output subtasks.

**Action** None required. This message is for information only.

**ADAF91** **subtask nnn attach error nnn occurred**

**Explanation** An error occurred while an Event Replicator Server output subtask was being attached.

**Action** Contact your DBA, system support personnel, or technical support.

**ADAF92** **{type} subtasks have been initialized**

**Explanation** All of the Event Replicator Server subtasks of the specified *type* (input or output) have been successfully attached.

**Action** None required. This message is for information only.

**ADAF93** **{nnn} input subtasks to be attached**

**Explanation** This message indicates the number *nnn* of subtasks that will be attached.

**Action** None required. This message is for information only.

**ADAF94** **{nnn} [{input}] subtasks have been detached**

**Explanation** The Event Replicator Server input or output subtask termination process has completed. The total number of subtasks that have been terminated is given in the message (*nnn*)

**Note:** If the message is for input subtask termination, the word "input" is included in the message text. If the word "input" is not included in the message text, the message is for output subtask termination.

**Action** No action is required for this informational message.

**ADAF95** **All {type} subtasks could not be initialized**

**Explanation** One or more Event Replicator Server subtasks of the specified *type* (input or output) could not be started successfully. One possible reason for this might be that the default subtask wait time (or the time specified by the SUBTASKWAIT parameter) is insufficient for your system. For more information about the SUBTASKWAIT parameter, read *SUBTASKWAIT (Subtask Wait Time) Parameter*, in the *Event Replicator for Adabas Reference Manual*

**Action** Evaluate the setting of the SUBTASKWAIT parameter for your Event Replicator Server and consider increasing it (or setting it if it has not been set). If you still need assistance or the problem persists, contact your DBA, system support personnel, or technical support.

**ADAF96** **[{input}] subtask {nnn} detach error {eee} occurred**

**Explanation** An error occurred while an Event Replicator Server input or output subtask was being detached. The subtask number (*nnn*) and the error number (*eee*) are given in the message.

**Note:** If the message is for input subtask termination, the word "input" is included in the message text. If the word "input" is not included in the message text, the message is for output subtask termination.

**Action** Adabas termination continues. Contact your DBA, system support personnel, or Software GmbH technical support for assistance.

**ADAF97** **waiting for the termination of Reptor [{input}] subtasks**

**Explanation** The termination of Event Replicator Server input or output subtasks is in progress.

**Note:** If the message is for input subtask termination, the word "input" is included in the message text. If the word "input" is not included in the message text, the message is for output subtask termination.

**Action** None required. This message is for information only.

**ADAF98** **Error encountered while attempting to**
**{<action>} input queue {iiiiiiii}**
**{<additional information>}**

**Explanation** This message has multiple texts, as described in the following table.

| Message Text | Explanation |
|---|---|
| Error encountered while attempting to<br><br>terminate input queue *iiiiiiii*<br><br>F=*fffffffff*/*yyyyyyyy*<br><br>*nnn*/*xxxxxxxx*/*yyyyyyyy* | An error was encountered while attempting to terminate input queue *iiiiiiii*. The request that was issued (*fffffffff*) is given in the message and contains values such as INIT, SEND, and RECEIVE . The return code and reason codes are given as values for RC=*nnn*/*nnn*/*xxxxxxxx*/*yyyyyyyy* in the message. The underlying messaging subsystem return and reason codes respectively are given to help with error diagnosis. |
| Error encountered while attempting to<br><br>Disconnect from input queue manager<br><br>'*manager name*'<br><br>F=*fffffffff*<br>RC=*nnn*/*nnn*/*xxxxxxxx*/*yyyyyyyy* | The input queue manager disconnect from the given queue *manager name* has failed. The request that was issued (*fffffffff*) is given in the message and contains values such as INIT, SEND, and RECEIVE . The return code and reason codes are given as values for RC=*nnn*/*nnn*/*xxxxxxxx*/*yyyyyyyy* in the message. The underlying messaging subsystem return and reason codes respectively are given to help with error diagnosis. |
| Error encountered while attempting to<br><br>Connect to input queue manager<br><br>'*manager name*'<br><br>F=*fffffffff*<br>RC=*nnn*/*nnn*/*xxxxxxxx*/*yyyyyyyy* | The input queue manager connect to the given queue *manager name* has failed. The request that was issued (*fffffffff*) is given in the message and contains values such as INIT, SEND, and RECEIVE . The return code and reason codes are given as values for RC=*nnn*/*nnn*/*xxxxxxxx*/*yyyyyyyy* in the message. The underlying messaging subsystem return and reason codes respectively are given to help with error diagnosis. |
| Error encountered while attempting to<br><br>Initialize *mmmmmmmm* RC=*nnn*/*nnn* | ADAETB/ADAMQS initialization has failed. The module name is given in the message as *mmmmmmmm*. The return and reason codes are also given in the message. |

**Action**

Determine the reason for the failure based on the supplied reason code and correct the condition. Contact your DBA, system support personnel, or technical support if further assistance is needed.

**ADAF99** **{<item>} is unavailable**

**Explanation** This message has multiple message texts, as described in the following table.

| Message Text | Explanation |
|---|---|
| Destination *dddddddd* is unavailable | The destination name *dddddddd* is not available. |
| Input Queue *iiiiiiii* is unavailable | The input queue name *iiiiiiii* is not available. |

**Action** Ensure the destination or input queue is correctly defined and assigned.

**ADAF9A** **{yyyyyyyyyyy} error in output subtask {nnn}**

**Explanation** An error has occurred during the processing of output subtask number *nnn*. The *yyyyyyyyyyy* in the message indicates whether the error occurred during initialization, processing or termination logic on the output subtask. This message is always preceded by a message with more information about where the problem lies.

When this occurs during initialization processing, the subtask will not initialize and Event Replicator Server initialization processing will terminate. When this occurs during termination processing of a subtask, termination processing will continue but one or more resources may be left in an invalid state.

**Action** This message will have been preceded by an error messaging indicating the error. Correct the problem based on this preceding error message.

**ADAF9B** **{xxxxxxxxxxxxx} error in input subtask {nnn}**

**Explanation** This indicates that an error has occurred during the processing of input subtask number 'nnn'. 'yyyyyyyyyyy' indicates whether the error occurred during initialization, processing or termination logic on the input subtask. This message is always preceded by a message with more information about where the problem lies.

When this occurs during initialization processing, the subtask will not initialize and Event Replicator Server initialization processing will terminate. When this occurs during termination processing of a subtask, termination processing will continue but one or more resources may be left in an invalid state.

**Action** This message will have been preceded by an error messaging indicating the error. Correct the problem based on this preceding error message.

**ADAF9C** **Input Queue: {xxxxxxxx} Open failed: {xxxxxxxxxxxxxxxxxxx}**

**Explanation** This message indicates that the attempt to open the indicated Input Queue failed. The reason code indicates why the open attempt failed. This will normally occur if the input queue has not been properly defined to the messaging system or there are insufficient resources to open the queue.

**Action** Determine the reason for the failure based on the supplied reason code and correct the condition. This will normally occur because the IQUEUE definition is invalid or the appropriate WebSphere MQ or IBM EntireX resources have not been defined for the queue. In rare circumstances, this may occur due to a shortage of storage; in this case, increase the region size and rerun the job.

**ADAF9D** **date time {{Initial-state}|{ADARPL/ADALOD}} process is running**

**Explanation** The initial-state, replay, or database load process is running.

**Action** No action is necessary for this informational message.

**ADAF9E** **Invalid output returned from Destination user exit {exit-name}**
**{error-text}**

**Explanation** The destination output user exit named in the message returned invalid data. Additional error text in the message further describes error. Possible error texts are:

- A message length of 0 was specified for a Send request
- Send request length exceeds max message length of *nnnn*
- Control block URBY contains invalid return code =*nnn*
- Send message/get same transaction return code issued after 1st exit call
- Message text unavailable for error code = *yyy*
- Destination *dest-name* closed by subtask =

**Action** Investigate the causes of the user exit failure and fix them.

**ADAF9F** **Unable to acquire a UQE, response code {rc}, subcode {sc}**
**Format buffer validation will not be done for Subscription {name}**

**Explanation** Format buffer validation, initiated because the FBVALIDATION parameter was turned on, could not be performed because a user queue element, which is used to store pointers to the internal format buffers and other information, could not be acquired. The response code (*rc*) and subcode (*sc*) are given in the message.

**Action** Investigate the response code and subcode to identify and correct the problem.

**ADAF9H** **Format buffer validation failed**
**Response code {rc}, subcode {sc}, field name '{fldname}'**
**Subscription {sname}, Database {dbid}, File {num}, XXX**
**Global Format Buffer {gfb-name}**

**Explanation** An attempt to validate a format buffer failed. This validation attempt occurred because the FBVALIDATION parameter was turned on. The response code (*rc*), subcode (*sc*), subscription name (*sname*), database ID (*dbid*), file number (*num*), and global format buffer definition name (*gfb-name*) are given in the message.

**Action** Correct the named format buffer and try again.

**ADAF9I** **FCB/FDT retrieval error, response code {rc}, subcode {sc}**
**Format buffer validation will not be done for:**
**Subscription files referencing Database {dbid}, File {num}**

**Explanation** Format buffer validation, initiated because the FBVALIDATION parameter was turned on, was not performed for subscriptions that reference the database (*dbid*) and file number (*num*) listed in the message. The response code (*rc*) and subcode (*sc*) are also given in the message. This failure occurred because a request for the FCB/FDT of a file has failed. These control blocks are used by the format buffer validation process.

Although the message indicates format buffer validation will not be done as a result of the error, it does not mean that format buffer validation will be performed if the parameter is set to NONE. It is considered a warning message when format buffer validation was not requested to highlight a risk and the need to check that all is well based on the new and/or changed resource parameters implemented by the RPLREFRESH.

For example, if a Subscription was changed and later an error detected as a result of this change, the Subscription may be deactivated and that could be a major issue.

**Action** Investigate the response code and subcode to identify and correct the problem.

**ADAF9J** **Replay jobstream generated**
**Replay jobstream generation failed**
**ADARAG {function} return code {rc}**
**DDJCLIN failed to open**
**DDJCLOUT failed to open**
**DDJCLIN missing %KARTE or %SEQUENTIAL**
**DDJCLIN has multiple %KARTE or %SEQUENTIAL**

**Explanation** These are informational messages about ADARPL utility processing. For further details about how to use this facility, read *ADARPL Utility: PLOG Replication Replay*, in the *Event Replicator for Adabas Reference Guide*.

The ADARAG internal routine is used to:

- Open DDJCLOUT
- Write record to DDJCLOUT and DDDRUCK
- Close DDJCLOUT

- Generate DD statement and write it to DDJCLOUT and DDDRUCK
- Open DDJCLIN
- Get record from DDJCLIN
- Close DDJCLIN

**Action** If the ADARAG routine fails, report the return code to your technical support representative.

**ADAF9K** **CBuf {resendbuffer-name} {function} F/RC {f/rc} Dep Ret/Rsn {ret/rsn}**

**Explanation** An error was reported by the circular resend buffer manager for the named resend buffer. The function listed in the message will be one of the following:.

Create DSP
Delete DSP
Obtain ALET
Rlse ALET

The internal service numeric function and return codes are shown in *f* and *rc* settings in the message and the platform-dependent return and reason codes are also shown. Under z/OS, circular resend buffers are implemented as dataspaces. The z/OS DSPSERV function creates and deletes dataspaces, and the ALESERV function administers ALETs.

**Action** If the reason for the error code is not clear, contact your DBA, system support personnel, or technical support representative.

**ADAF9L** **Unexpected return code {rc} received acquiring Reptor information from a peer nucleus**

**Explanation** An unexpected error occurred when a second or subsequent cluster nucleus starts.

**Action** Analyze the return code given the message and react accordingly. Contact your Software GmbH technical support representative for assistance.

**ADAF9M** **Insufficient WORK pool space available. Increase LWP.**

**Explanation** There was insufficient work pool space available to the Event Replicator Server.

**Action** Increase the setting of the ADARUN LWP parameter for the Event Replicator Server. The stop and restart the Event Replicator Server.

**ADAF9N** **Peer nucleus {nucid} is starting a connection to Reptor {dbid}**

**Explanation** A cluster nucleus is connecting to the Event Replicator Server.

**Action** No action is required for this informational message.

**ADAF9O** **Peer nucleus {nucid} encountered response {rrrrr} communicating with Reptor {dbid}**

**Explanation** When the cluster nucleus attempted to communicate with the Event Replicator Server listed in the message, the response code (*rrrrr*) listed in the message was received.

**Action** Investigate the response code and subcode to identify and correct the problem.

**ADAF9P** **Connection to Reptor {dbid} terminated due to insufficient free space in a peer nucleus replication pool**

**Explanation** An Adabas cluster database was not able to connect to an Event Replicator Server due to insufficient replication pool free space in one of the cluster nuclei.

**Action** Consider increasing the value of the LRPL parameter for the cluster nuclei.

**ADAF9Q** **Cluster database {dbid} aborted its connection attempt**

**Explanation** The Event Replicator Server has detected an unsuccessful connection from a cluster database.

**Action** Examine all error messages in the cluster nuclei job logs to determine the reason for the failed connection attempt.

**ADAF9R** **Abort connection call to Reptor {dbid} failed with response {rrrrr/sssss }**

**Explanation** When the cluster database attempted to disconnect from the Event Replicator Server listed in the message, the response code and subcode (*rrrrr*/*sssss*) listed in the message were received.

**Action** Investigate the response code and subcode to identify and correct the problem.

**ADAF9S** **Auto-restart connect call to Reptor {dbid} failed with response {rrrrr/ sssss}**

**Explanation** A cluster nucleus that has completed auto-restart processing was not able to connect to the Event Replicator Server listed in the message. The response code and subcode (*rrrrr*/*sssss*) listed in the message were received.

**Action** Investigate the response code and subcode to identify and correct the problem.

| | |
|---|---|
| **ADAF9T** | **Initial connect to Reptor {dbid} failed with response {rrrrr/ sssss}** |
| **Explanation** | When the cluster database attempted to connect to the Event Replicator Server listed in the message, the response code and subcode (*rrrrr*/*sssss*) listed in the message were received. |
| **Action** | Investigate the response code and subcode to identify and correct the problem. |

| | |
|---|---|
| **ADAF9U** | **Completion of connection to Reptor {dbid} failed with response {rrrrr/ sssss}** |
| **Explanation** | The cluster database was unable to connect to the Event Replicator Server listed in the message. The response code and subcode (*rrrrr*/*sssss*) listed in the message were received. |
| **Action** | Investigate the response code and subcode to identify and correct the problem. |

| | |
|---|---|
| **ADAF9V** | **Starting a cluster connection to Reptor {dbid}** |
| **Explanation** | An Adabas cluster database is attempting to connect to an Event Replicator Server. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **ADAF9W** | **Cluster connected to Reptor {dbid}** |
| **Explanation** | An Adabas cluster database successfully connected to an Event Replicator Server. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **ADAF9X** | **Cluster database {dbid} is connecting** |
| **Explanation** | The Event Replicator Server is processing a connection request from a cluster nucleus. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **ADAF9Y** | **Cluster auto-restart handshake call processed for database {dbid / nucid}** |
| **Explanation** | The Event Replicator Server has reconnected to a cluster nucleus that has completed auto-restart processing. |
| **Action** | No action is required for this informational message. |

**ADAF9Z** **Cluster database {dbid} has connected**

**Explanation** The Event Replicator Server has successfully connected to a cluster nucleus.

**Action** No action is required for this informational message.

**ADAFA0** **Refresh requested for {resource} {name}**

**Explanation** An RPLREFRESH command has been entered to refresh the resource named in the message.

**Action** No action is required for this informational message.

**ADAFA1** **Refresh failed: parameter processing error**

**Explanation** An RPLREFRESH command has been entered, but cannot be processed due to an error return from the input parameter processing routines.

**Action** Examine the DDPRINT output for messages relating to specific parameter errors, correct these errors, and restart the Event Replicator Server.

**ADAFA2** **Modifying an existing resendbuffer is not allowed**

**Explanation** You cannot use the RPLREFRESH command to dynamically refresh a resend buffer definition; you can only add or delete a resend buffer definition using RPLREFRESH. To modify a resend buffer definition for a running Event Replicator Server, complete he steps described in *Resend Buffer Modification and Refresh Requirements*, in *Event Replicator for Adabas Administration and Operations Guide*.

**Action** No action is required for this informational message.

**ADAFA3** **Request invalid when RPLPARMS not set to FILE**
**Request invalid when reptor system file does not exist**

**Explanation** An RPLREFRESH command has been entered, but can only be processed when the ADARUN `RPLPARMS` parameter is set to "FILE" and a Replicator system file is defined in the Event Replicator Server.

**Action** Ensure that ADARUN `RPLPARMS` parameter is set to "FILE" and that a Replicator system file is defined in the Event Replicator Server as described in the Event Replicator for Adabas installations instructions. Then restart the Event Replicator Server.

**ADAFA4** **Refresh Aborted**

**Explanation** An `RPLREFRESH,ABORT` command has been successfully processed.

**Action** No action is required for this informational message.

**ADAFA5** **Refresh exceeded time limit waiting for quiesce of resources**

**Explanation** An RPLREFRESH command could not be processed as the relevant resources had not entered a quiescent state within five minutes.

**Action** Ensure that the resources being refreshed are not actively in use by the Event Replicator Server before attempting to reenter the RPLREFRESH command.

**ADAFA6** **{Add|Modify|Delete} requested for subscription {sub}**

**Explanation** An RPLREFRESH command has requested to add, modify or delete subscription *sub*.

**Action** No action is required for this informational message.

**ADAFA7** **{Add|Modify|Delete} requested for subscription {sub} successful**

**Explanation** An RPLREFRESH command request to add, modify, or delete subscription *sub* has been processed successfully.

**Action** No action is required for this informational message.

**ADAFA8** **Subscription {sub} does not contain files required for Adabas destination {dest}**

**Explanation** Adabas destination *dest* is defined with a DBID/File combination for which there is no match in subscription definition *sub*.

**Action** Ensure that the all of the Adabas destination's input DBID/File combinations are matched in the subscription.

**ADAFA9** **Adabas destination {dest} also used by subscription {sub}**

**Explanation** An Adabas destination may only be assigned for use by one subscription at a time.

**Action** Remove destination *dest* from the SDESTINATION parameter or from the destination name list for subscription *sub* and restart the Event Replicator Server.

**ADAFAA** **Resendbuffer {buf} does not exist**

**Explanation** The resend buffer named in the message has not been defined.

**Action** Specify a correctly defined resend buffer definition before attempting to refresh the subscription.

**ADAFAC** **One or more format buffers failed format buffer validation**

**Explanation** Format buffer validation has been set to "ABORT" or "DEAC" and one or more of the format buffer definitions has been found to be invalid.

**Action** Inspect the format buffer definitions and correct any errors before restarting the Event Replicator Server.

**ADAFAD** **Subscription {sub} release for FBs failed rsp {rc}**

**Explanation** As part of a refresh of subscription *sub*, an internal Event Replicator Server cleanup failed with the response given in the message. The refresh will proceed despite this message.

**Action** Report this message and the response code to your our support representative.

**ADAFAE** **Subscription {sub} not found**

**Explanation** An RPLREFRESH command was entered to delete a subscription, but the named subscription cannot be found.

**Action** If the intention was to ensure that subscription *sub* be removed from the Event Replicator Server definitions, then no further action is required. Otherwise correct the RPLREFRESH command to delete a subscription that currently exists.

**ADAFAF** **Subscription {sub} in use by initial state request {istate}**

**Explanation** An RPLREFRESH command was entered to delete subscription *sub*, but it has been found to be still in use by initial state definition *istate*.

**Action** Remove the subscription from the initial-state subscription list before restarting the Event Replicator Server.

**ADAFAG** **Destination {dest} has remaining SLOG data**

**Explanation** An RPLREFRESH command was entered to refresh a subscription using destination *dest*, for which there is still data in the SLOG. The subscription is therefore not in a quiescent state and so the refresh cannot yet be implemented. An **ADAFAI** message will follow stating that the refresh is scheduled.

**Action** Wait for the subscription to return to a quiescent state and then the refresh can be implemented. If the subscription returns to a quiescent state in the next five minutes, this will happen automatically; otherwise, you will have to request the refresh again.

**ADAFAH** **{Add|Modify|Delete} requested for destination {dest}**

**Explanation** An RPLREFRESH command has requested to add, modify, or delete destination *dest*.

**Action** No action is required for this informational message.

**ADAFAI** **{Add|Modify|Delete} requested for destination {dest} {successful|scheduled|failed}**

**Explanation** The RPLREFRESH request to add, modify, or delete the destination definition listed in the message was processed successfully, has been scheduled for processing once the destination is in a quiescent state, or has failed. .

**Action** No action is required for this informational message. If the request has failed, previous messages will give details of the failure.

**ADAFAJ** **DLOG=NO cannot be set for destination {dest} while data still exists on subscription log file**

**Explanation** An RPLREFRESH command to modify destination *dest* by setting DLOG=NO has been entered, but data for the destination still exists in the SLOG. An **ADAFAI** message will follow this message stating that the refresh has failed.

**Action** Wait until the SLOG data for the destination has been delogged before attempting to modify the DLOG value using RPLREFRESH.

**ADAFAK** **Destination {dest} must be closed for requested modification**

**Explanation** An RPLREFRESH request to modify destination dest by altering one of the messaging layer parameters has been made, but the destination has not been closed. An **ADAFAI** message will follow this message stating that the refresh has failed.

**Action** Close the destination before attempting to modify one of its messaging layer parameters.

**ADAFAL** **Allocation failed for storage required to implement add**

**Explanation** An RPLREFRESH request to add a new resource has been entered but insufficient storage is available to manage the new structures required. An **ADAFAI** message will follow this message stating that the refresh has failed.

**Action** Make more storage available to the Event Replicator Server and restart.

**ADAFAM** **Destination {dest} not found**

**Explanation** An RPLREFRESH request was made to delete destination *dest*, or to modify a subscription to refer to it, but the destination definition cannot be found. An **ADAFAI** message will follow this message stating that the refresh has failed.

**Action** If you intended to ensure that the destination be removed from the Event Replicator Server definitions, then no further action is required. Otherwise, correct the RPLREFRESH command to delete a destination that currently exists, or correct the subscription definition to refer to a valid destination.

**ADAFAN** **Destination {dest} in use by initial state request {istate}**

**Explanation** An RPLREFRESH request was made to delete destination *dest*, but the destination is still in use by initial state definition *istate*.

**Action** Remove the destination from the initial-state destination list for the initial-state definition before restarting the Event Replicator Server.

**ADAFAO** **Destination {dest} in use by subscription {sub}**

**Explanation** An RPLREFRESH request was made to delete destination *dest*, but the destination is still in use by subscription *sub*.

**Action** Remove the destination from the subscription definition before restarting the Event Replicator Server.

**ADAFAP** **Destination {dest} cannot be deleted while output is still in progress on destination**

**Explanation** An RPLREFRESH request was made to delete destination *dest*, but there are still transactions being sent to the destination or being logged to the SLOG for it. An **ADAFAI** message will follow this message stating that the refresh has failed.

**Action** Wait until the destination is no longer in active use by the Event Replicator Server before attempting to delete it.

**ADAFAQ** **Destination {dest} cannot be deleted while data still exists on subscription log for destination**

**Explanation** An RPLREFRESH request was made to delete destination *dest*, but there is still data on the SLOG for it. An **ADAFAI** message will follow this message stating that the refresh has failed.

**Action** Wait until all the data for the destination to be deleted is removed from the SLOG before attempting to delete it.

**ADAFAR** **Destination {dest} must be closed before it can be deleted**

**Explanation** An RPLREFRESH request was made to delete destination *dest*, but it is not closed. An **ADAFAI** message will follow this message stating that the refresh has failed.

**Action** Close the destination before attempting to delete it.

**ADAFAS** **{Add|Modify|Delete} request for destination {dest} aborted by exit {uexit}**

**Explanation** AN RPLREFRESH request to add, modify or delete destination *dest* has been aborted by user exit *uexit*.

**Action** Inspect your user exit to determine why the refresh has been aborted.

**ADAFAT** **Output still in progress for destination {dest}**

**Explanation** An RPLREFRESH request was made to refresh a subscription using destination *dest*, for which there is still data on the output queue. The subscription is therefore not in a quiescent state and, consequently, the refresh cannot yet be implemented. An **ADAFAI** message follows this message stating that the refresh is now scheduled.

**Action** Wait for the subscription to return to a quiescent state and then the refresh can be implemented. If the subscription returns to a quiescent state in the next five minutes, this will happen automatically; otherwise, you will have to request the refresh again.

**ADAFAU** **Incoming transactions available for subscription processing**

**Explanation** An RPLREFRESH request was made to refresh a subscription for which there are still transactions on the subscription queue. The subscription is therefore not in a quiescent state and, consequently, the refresh cannot yet be implemented. An **ADAFAI** message follows this message stating that the refresh is now scheduled.

**Action** Wait for the subscription to return to a quiescent state and then the refresh can be implemented. If the subscription returns to a quiescent state in the next five minutes, this will happen automatically; otherwise, you will have to request the refresh again.

**ADAFAV** **RECORDPLOGINFO must be {YES|Y} or No|N**

**Explanation** An invalid value was specified for the RECORDPLOGINFO parameter.

**Action** Correct the parameter value and try again.

**ADAFAW** **{function} requested for resendbuffer {rbname}**

**Explanation** Add, delete, or modify processing has been requested for the resend buffer definition listed in the message. The kind of processing requested is given in the message (*function*).

**Action** No action is required for this informational message.

**ADAFAX** **Resendbuffer {rbname} in use by subscription {sname}**

**Explanation** An RPLREFRESH request was made to delete resend buffer *rbname*, but the resend buffer definition is still in use by subscription definition *sname*.

**Action** No action is required for this informational message. If you want to modify the resend buffer dynamically, you should follow the instructions provided in *Resend Buffer Modification and Refresh Requirements*, in *Event Replicator for Adabas Administration and Operations Guide*

**ADAFAY** **{function} for resendbuffer {rbname} successful**

**Explanation** Add, delete, or modify processing was successfully performed for the resend buffer definition listed in the message. The kind of processing requested is given in the message (*function*).

**Action** No action is required for this informational message.

**ADAFAZ** **Input Queue {qname} not found**

**Explanation** An RPLREFRESH request was made to delete an input queue definition (*qname*), but the named input queue definition does not exist.

**Action** Verify that the correct input queue definition was referenced in the RPLREFRESH request. If not, correct it and try again.

**ADAFB1** **Error processing Replicator system file, internal command**
**Error {function} -- {action}**
**Adabas command {command} -- {action}**
**RSP {rspcode} Subcode {subcode}**

**Explanation** PLOG sequential data set information resulting from a successful ADARES PLCOPY run is maintained in the Replicator system file. This error can be caused by an Adabas command used to access the Replicator system file or by an internal system function.

The response code and subcode from processing are given in the message. In addition, the following functions (*function*) can appear:

- Error acquiring UQE
- Error setting file in use
- Error reading FCB
- Error reading FDT

Finally, the following actions (*action*) may occur in the message:

| Action | Description |
|---|---|
| adding PLOG information | When this action is listed in the message, the error prevented a PLOG file description record from being inserted. |
| selecting PLOGs for replay | When this action is listed in the message, the error prevented a set of PLOGs from being selected. This would also prevent an ADARPL job from running. |

**Action** If the error is from an Adabas command, investigate the response code and subcode to identify and correct the problem. If you cannot resolve it, or if you receive an internal function error, contact your technical support representative.

**ADAFB2** **Selecting PLOGs for automatic Replay job generation DBID {dbid}**
**{errortext}**

**Explanation** A request to select PLOG sequential data sets was unsuccessful for the database listed in the message spanning a starting and ending date and time. One or more additional lines of error text (*errortext*) provide additional detail about the error:

| Error Text | Explanation and Action |
|---|---|
| Error - No Replicator system file | PLOG data set information cannot be maintained without a Replicator system file. No ADARPL job stream can be generated.<br><br>**Action:** Define a Replicator system file using the ADALOD utility (`ADALOD LOAD FILE=`*nn*`, REPLICATOR`). |

| Error Text | Explanation and Action |
|---|---|
| Error -- Internal buffer overflow selecting between *start date/time* and *end date/time* | The set of PLOGs spanning the start and end date and times listed in the error text was very large and exceeded the size of an internal buffer. No ADARPL job stream can be generated.<br><br>**Action:** Contact your technical support representative. |
| Error -- No PLOGs found between *start date/time* and *end date/time* | There were no PLOG sequential data sets in the Replicator system file between the start and end dates and times listed in the error text.<br><br>**Action:** Verify that the requested dates and times are correct. If the requested dates and times are correct, see if you can locate PLOG sequential data sets spanning the required interval, generate and submit an ADARPL job stream manually. |
| Error -- PLOGs out of sequence<br>PLOG *start date/time1* session *session1* blocks *first - last1*<br>PLOG *start date/time2* session *session2* blocks *first - last2* | A PLOG sequential data set with a later date and time has either a lower session number than the previous PLOG or, if the session numbers are the same, it starting block is less than or equal to the previous PLOG's ending block. A partial ADARPL job stream may be generated, but will not execute.<br><br>**Action:** Carefully examine the selected set of PLOGs to determine why the out-of-sequence condition exists. If you can resolve the sequencing, manually edit the job stream, and resubmit it. If you are unable to determine why the PLOGs are out of sequence, contact your technical support representative for assistance. |
| Error - PLOGs missing between<br>PLOG *start date/time1* session *session1* blocks *first - last1*<br>PLOG *start date/time2* session *session2* blocks *first - last2* | There is a gap between two successive PLOG sequential data sets for the same PLOG session. One or more blocks are missing. If all data is present, the last block number of the first PLOG plus one should be equal to the first block number of the second PLOG. A partial ADARPL job stream may be generated, but will not execute.<br><br>**Action:** If you can locate a data set with the missing PLOG blocks, manually edit the generated job stream to include the missing data set in the proper sequence in the PLOG data set concatenation, and resubmit the job. |
| Error - PLOGs missing, new session did not start with block 1<br>PLOG *start date/time* session *session* blocks *first - last* | A new PLOG session is initiated each time the Adabas nucleus is started. The first block number in the first PLOG in the session should be "1". The identified PLOG data set is the first data set of the PLOG session found in the Replicator system file, but the first block of that data set is not "1". A partial ADARPL job stream may be generated, but it will not execute. |

| Error Text | Explanation and Action |
|---|---|
| | **Action:** If you can locate a data set with the missing PLOG blocks, manually edit the generated job stream to include the missing data set in the proper sequence in the PLOG data set concatenation, and resubmit the job. |
| Error - PLOGs missing, end-of-session not set on PLOG *start date/time* session *session* blocks *first - last* | A PLOG session ends when the Adabas nucleus shuts down. The final PLOG data set of a session should indicate that no more blocks of the session listed in the message will be created and the next PLOG data set in sequence will be the first of a new, higher-numbered, PLOG session. A partial ADARPL job stream may be generated, but it will not execute.<br><br>**Action:** If you can locate a data set with the missing PLOG blocks, manually edit the generated job stream to include the missing data set in the proper sequence in the PLOG data set concatenation, and resubmit the job.<br><br>**Action:** |
| Note - PLOGs sessions *sess1* through *sess2* missing<br>Sessions may have been used by on-line save | Normal PLOG session numbers increase by one when an Adabas nucleus starts. This is not an error if the missing sessions were used by an online save. An ADARPL job stream may be generated.<br><br>**Action:** No action is necessary for this informational message, if the missing session numbers resulted from an online save. However, it that is not the case, and if you can locate a data set with the missing PLOG sessions, manually edit the generated job stream to include the data set in the proper sequence in the PLOG data set concatenation and resubmit the job. |
| No PLOG starts before *start date/time1*<br>Earliest PLOG starts at *start date/time2* | No PLOG data set was found in the Replicator system file with a start date and time less than or equal to the required start date and time. The requested start date and time is given in the error text. A partial ADARPL job stream may be generated, but it will not execute.<br><br>**Action:** If you can locate additional PLOG data sets, manually edit the generated job stream to include the missing data sets at the beginning of the PLOG data set concatenation, and resubmit the job. |

**Action** Modify the ADARPL REPLAY options or the Event Replicator for Adabas parameters based on the error in the message and rerun the job.

**ADAFB3** **Data found on SLOG for Replay instance started at {date} {time}**

**Explanation** SLOG initialization processing encountered data on the SLOG system file for a replay process from a previous session, which is identified by its start time.

**Action** No action is required for this informational message.

**ADAFB4** **Above replay instance is not defined in this session**

**Explanation** The current instance of the Event Replicator Server has no information about the replay instance referred to in the preceding **ADAFB3** message. It will delete all SLOG data related to this replay instance.

**Action** No action is required for this informational message.

**ADAFB6** **Input Queue {qname} must be closed for requested operation**

**Explanation** A refresh request was received for an input queue definition, but the input queue definition is not closed.

**Action** Close the input queue definition and try again.

**ADAFB7** **{operation} for Input Queue {qname} successful**

**Explanation** A refresh operation was processed successfully for the input queue definition listed in the message. The type of operation (add, modify, or delete) is given in the message.

**Action** No action is required for this informational message.

**ADAFB8** **{function} requested for input queue {qname}**

**Explanation** Add, delete, or modify processing has been requested for the input queue definition listed in the message. The kind of processing requested is also given in the message (*function*).

**Action** No action is required for this informational message.

**ADAFB9** **initialstate {isname} is still active**

**Explanation** An attempt was made to use the RPLREFRESH command to refresh the initial-state definition listed in the message, but the initial-state definition was still active, so the attempt failed.

**Action** Deactivate the initial-state definition prior to running RPLREFRESH.

**ADAFBA** **initialstate {isname} not found**

**Explanation** An RPLREFRESH request was made to delete or modify initial-state definition *isname*, but the initial-state definition cannot be found. An **ADAFAI** message will follow this message stating that the refresh has failed.

**Action** If you intended to ensure that the initial-state definition be removed from the Event Replicator Server definitions, then no further action is required. Otherwise, correct the RPLREFRESH command to modify an initial-state definition that currently exists.

**ADAFBB** **{function} for initialstate {isname} successful**

**Explanation** Add, delete, or modify processing was successful for the initial-state definition listed in the message. The kind of processing requested is also given in the message (*function*).

**Action** No action is required for this informational message.

**ADAFBC** **Modify requested for Global Settings**

**Explanation** A refresh request for global settings has been received.

**Action** No action is necessary for this informational message.

**ADAFBD** **Modify for Global successful**

**Explanation** A refresh request for global settings was processed successfully.

**Action** No action is necessary for this informational message.

**ADAFBE** **{operation} requested for initialstate {isname}**

**Explanation** A refresh request for the initial-state definition listed in the message has been received. The operation requested is given in the message.

**Action** No action is necessary for this informational message.

**ADAFBF** **{resource} {name} was not refreshed {reason}**

**Explanation** A refresh request for the resource named in the message failed because it was discovered that the resource definition had changed. The following possible reasons can appear in this message:

- The defined initial state definition is unchanged
- The defined resendbuffer definition is unchanged
- The defined destination definition is unchanged
- The defined global definitions are unchanged
- The defined input queue definition is unchanged
- The defined subscription definition is unchanged

**Action** Change the resource definition and reissue the request.

**ADAFBG** **Refresh for {resource} {name} not implemented due to refresh failure of a dependent resource**

**Explanation** While executing a refresh ALL request, the refresh of the resource named in the message could not be processed because of a failure to refresh a dependent resource.

**Action** Determine why the dependent resource could not be refreshed, resolve the problem, and repeat the request.

**ADAFBH** **Resendbuffer {rsbuf-def} will not be modified**

**Explanation** A resend buffer definition was changed and subsequently a RPLREFRESH command was issued. The resend buffer definition will not be modified.

**Action** No action is required for this informational message.

**ADAFBI** **Automated reopen has been terminated for destination {dest-def}**

**Explanation** An attempt to close a destination definition occurred for which pending open retries are still outstanding. The pending open retries are dropped.

**Action** No action is required for this informational message.

**ADAFBJ** **Messaging system error detected. The automatic open of the following input queues|destinations will be skipped: {def-names}**

**Explanation** The automatic open of the input queue or destination definitions listed in the message (def-names) are skipped due to messaging system errors. Subsequent open attempts for the same messaging system manager and for the listed destinations or input queues will be skipped until their retry interval expires again.

**Action** No action is required for this informational message. Review other messages preceding this one that describe the open or connect failure and react accordingly.

**ADAFBK** **Automated reopen has been terminated for input queue {iq-def}**

**Explanation** An attempt to close an input queue definition occurred for which pending open retries are still outstanding. The pending open retries are dropped.

**Action** No action is required for this informational message.

**ADAFBL** **A subscription user exit may not be refreshed in this environment**

**Explanation** A refresh of subscription user exit operation cannot be processed in this environment: either Reptor is not running on z/OS operating system, or EXITLIB DD is not specified in JCL, or Reptor is not running APF-authorized.

**Action** Determine why the subscription user exit could not be refreshed, resolve the problem, and repeat the request.

**ADAFBM** **The user exit {exit_name} is not defined**

**Explanation** The subscription user exit *exit_name* was not specified for any subscription.

**Action** Specify the correct name of the subscription user exit and repeat the request.

**ADAFBN** **The user exit {exit_name} is not a subscription user exit**

**Explanation** An attempt was made to use the RPLREFRESH,SX= command to refresh the user exit *exit_name*, but this user exit is not a subscription user exit.

**Action** Only subscription user exit can be refreshed.

**ADAFBO** **Subscription user exit {exit_name} was successfully refreshed**

**Explanation** A refresh request for subscription user exit was processed successfully.

**Action** No action is necessary for this informational message.

**ADAFBP** **Refreshing a subscription user exit requires Adabas V8.4 or above**

**Explanation** Refreshing a subscription user exit requires Adabas V8.4 or above.

**Action** Upgrade ADABAS to V84 or above.

**ADAFBQ** **Subscription user exits cannot be loaded from the EXITLIB not running APF-authorized**

**Explanation** Refreshing a subscription user exit requires APF-authorization.

**Action** Ensure that the Reptor runs APF-autorized.

**ADAFBR** **Subscription user exits will be loaded from the EXITLIB**

**Explanation** Refreshing a subscription user exit is possible.

**Action** No action is necessary for this informational message.

**ADAFBZ** **{message-text}**

**Explanation** Two possible message texts may be given for this message ID:

| Message Text | Description |
|---|---|
| Failed to set conversion attributes to subscription flist encoding<br>for subscription *subs-name* dbid *dbid* file *fn*<br>response code *rc* reason code *rsn* | An error occurred related to a subscription file filter definition. |
| Failed to set conversion attributes to user encoding<br>for subscription *subs-name* dbid *dbid* file *fn*<br>response code *rc* reason code *rsn* | An error occurred related to UES translation. |

The name of the affected subscription (*subs-name*), database ID (*dbid*), and file number (*fn*) are given in the message. In addition, a response code (*rc*) and reason code (*rsn*) for the error are provided.

**Action** Analyze the return codes given in the message texts to identify the cause of the problem.

**ADAFC2** **message-text**

**Explanation** The following message texts may appear for this message ID:

| Message Text | Description |
|---|---|
| Error occurred during file(s) reactivation for Replay token *ttttt* | A file reactivation counter timed out during replay processing. The ADARPL replay token is given in the message (*ttttt*). |
| File reactivation wait timeout | A file reactivation counter timed out during replay processing. |

This error message occurs during file reactivation for automated replay initialization. It is printed after the **ADAF2K** message.

**Action** Execution continues, as with the **ADAF2K** message. This is often the result of a shortage in the replication pool. Increasing the value of the LRPL parameter may alleviate the shortage.

**ADAFC3** **Unexpected Response code {rc} from DBID {dbid} for {cc}-command**

**Explanation** An unexpected response code (*rc*) was received from the database identified in the message (*dbid*) while it was processing the database command shown in the message (*cc*)

**Action** Analyze the response code to determine why the error occurred. Contact your Software GmbH technical support representative if you need additional assistance.

**ADAFC4** **Replay token {ttttt} initialization timeout**

**Explanation** An initialization counter timed out during replay processing. The ADARPL replay token is given in the message (*ttttt*).

**Action** Increase the timeout value or check the previous messages (for example **ADAF2K** or **ADAFC9**) concerning the replay token *ttttt* to determine where the wait occurs. Correct the problem and try again.

**ADAFC5** **Nucleus DBID {dbid} Runs without DUAL/OCTO-PLOG**

**Explanation** The database identified in the message (*dbid*) runs with a dual or octo-PLOG. This message may occur when an attempt to execute an automated replay with an Adabas nucleus that executes with dual (OCTO) PLOGs. An automated replay may only be executed with an Adabas nucleus that executes with dual (OCTO) PLOGs.

**Action** Make sure you run automated replay only on an Adabas nucleus that executes with dual (OCTO) PLOGs.

**ADAFC6** **No free PLOGs available on Nucleus DBID {dbid}**

**Explanation** There are no free PLOGs available on the database identified in the message (*dbid*).

This message occurs when a request for an automated replay was made and all PLOGs are full on the related database. When this occurs, the automated replay is rejected and this message is printed.

**Action** Ensure one or more PLOG data sets are free for the related database ID (run ADARES PLCOPY).

**ADAFC7** **FEOFPL could not be processed**

**Explanation** This is an informational message printed after either the ADAFC5 message or the ADAFC6 message.

**Action** Resolve the problem that caused the ADAFC5 or ADAFC6 message. No action is required for this informational message.

**ADAFC8** **Replay token {ttttt} initialization canceled**

**Explanation** The initialization of the replay token given in the message (*ttttt*) has been canceled.

This is an informational message printed after either the ADAFC5 message or the ADAFC6 message.

**Action** Resolve the problem that caused the ADAFC5 or ADAFC6 message. No action is required for this informational message.

**ADAFC9** **Waiting for PLOG Switch on Nucleus DBID {dbid} for Replay token {ttttt}**

**Explanation** Replay processing is waiting to switch protection logs (PLOGs) on the database identified in the message (*dbid*). The replay token is also given in the message (*ttttt*).

**Action** No action is required for this informational message.

**ADAFCA** **Waiting for PLOG information from DBID {dbid} for Replay token {ttttt}**

**Explanation** This informational message may be written in the Event Replicator Server job log during the execution of a synchronized replay (the ADARPL utility). The database ID (*dbid*) and the replay token (*tttt*) are given in the message.

**Action** No action is required for this informational message.

**ADAFCB** **ADARPL Jobstream generation failed for Replay token {ttttt}**

**Explanation** The ADARPL job failed for the replay token named in the message (*tttt*).

**Action** Analyze other messages preceding this message and react accordingly. Contact your Software AG technical support representative for assistance.

**ADAFCC** **No resources modified by rplrefresh all as no resource definitions have changed**

**Explanation** A refresh all command was issued but the resource definitions in the active Event Replicator Server and the parameters provided are the same.

**Action** Change the resource definition parameters and reissue the command.

**ADAFCD** **Rplrefresh,all failed due to replication pool overflow**

**Explanation** A request to get storage from the replication pool failed.

**Action** Determine why the replication pool is full. If possible, resolve the problem. If you need assistance, contact your technical support representative.

**ADAFCE** **Open of File destination {name} failed as CLOG is not active**

**Explanation** A command was issued to open a file destination (for example, DTYPE=TLOG), but a command log was not defined in the Event Replicator Server.

**Action** Ensure the Event Replicator Server is running with a CLOG defined if you wish to use destinations of type TLOG.

**ADAFCF** **Utility replication error - {error-text}**
**DBID {dbid} FNR {fn} RSP {rc} Subcode {sc}**

**Explanation** These messages are written when an error is encountered attempting to replicate a utility operation (for example, a file deletion) for a target Adabas DBID/file. A description of the error is provided in the message (*error-text*), in addition to the database ID, file number, and any response or subcode. Possible error texts that might appear in the message are:

- "Change field length "
- "Delete file"
- "Refresh file"
- "Rename file"
- "Set reuse ISN on/off"
- "Set reuse DS blocks on/off"
- "Modify FCB"
- "Define file"
- "Write FDT"
- "Define new field"
- "Utility type unavailable "

**Action** Review the error text provided in the message and resolve the problem based on that text. If the error persists, contact your technical support representative for assistance.

**ADAFCG** **Destination {dest-def} - DBID/File {dbid}/{fn}**
**DATMETHOD must be ISN or KEY**

**Explanation** Parameter DATMETHOD has been set to an invalid value in the destination definition named in the message (*dest-def*). The database and file combination for which DATMETHOD has been set are also listed in the message.

**Action** Correct the DATMETHOD setting.

**ADAFCH** **Destination {dest-def} - DBID/File {dbid}/{fn}**
**{parm-name} cannot be specified with DATMETHOD=ISN**

**Explanation** An invalid combination of parameter definitions has been specified in the destination definition named in the message (*dest-def*). When the DATMETHOD parameter is set to "ISN", other parameters may not be specified. The parameter in error is listed in the message (*parm-name*). The database and file combination for which the invalid parameter combinations have been specified are also listed in the message (*dbid* and *fn*).

The following parameters cannot be specified when DATMETHOD is set to "ISN": DATKEYSB, DATKEYAIO, DATKEYAIL, DATKEYBIO, DATKEYBIL, DATKEYKYO, and DATKEYKYL.

**Action** Either alter the DATMETHOD parameter setting or remove the incompatible parameter setting from the destination definition.

**ADAFCI** **Destination {dest-def} - DBID/File {dbid}/{fn}**
**for DATMETHOD=KEY, DATKEYSB must be specified**

**Explanation** The DATKEYSB parameter must be specified when the DATMETHOD parameter is set to "KEY". The destination definition containing the invalid parameters is named in the message (*dest-def*), as well as the database and file combination for which the invalid parameters were specified (*dbid* and *fn*).

**Action** Either alter the DATMETHOD parameter setting or add a setting for DATKEYSB.

**ADAFCJ** **Destination {dest-def} - DBID/File {dbid}/{fn}**
**{parm-name} must be numeric and <= 32,767**

**Explanation** An invalid setting was specified for the parameter (*parm-name*) named in the message. The destination definition containing the invalid parameter is named in the message (*dest-def*), as well as the database and file combination for which the invalid parameter was specified (*dbid* and *fn*).

The parameter names that might appear in this message are: DATKEYAIL, DATKEYBIL, DATKEYKYO, and DATKEYKYL.

**Action** Correct the parameter setting.

**ADAFCK** **Destination {dest-def} - DBID/File {dbid}/{fn}**
**if DATKEY{xx}O is specified, DATKEY{xx}L must also be specified with a value > 0**

**Explanation** An invalid combination of DATKEY* parameter settings was specified for the destination definition named in the message (*dest-def*). The names of the invalid parameters are listed in the message (DATKEY*xx*O and DATKEY*xx*L). Possible substitutions for the *xx* in the message are AI, BI, or KY. For example, if the DATKEY*AI*O parameter is specified, a positive, nonzero integer must also be specified for the DATKEY*AI*L.

The database and file combination for which the invalid parameter settings have been specified are also listed in the message (*dbid* and *fn*).

**Action** Correct the settings for the parameter combinations in the destination definition.

**ADAFCL** **{message-text}**

**Explanation** One of the following message texts is provided in this message.

| Message Text | Description |
|---|---|
| Destination *dest-def* - DBID/File *dbid*/*fn*<br>the sum of DATKEY*xx*O and DATKEY*xx*L must be <= 2,147,483,647 | The sum of the DATKEY* parameters listed in the message must be less than or equal to 2,147,483,647 bytes. The names of the parameters are listed in the (DATKEY*xx*O and DATKEY*xx*L). Possible substitutions for the *xx* in the message are AI or BI. |
| Destination *dest-def* - DBID/File *dbid*/*fn*<br>the sum of DATKEYKYO and DATKEYKYL must be <= 32,767 | The sum of the DATKEYKYO, and DATKEYKYL parameters listed in the message must be less than or equal to 32,767 bytes. |

The destination definition containing the parameters is named in the message (*dest-def*), as well as the database and file combination for which the parameters were specified (*dbid* and *fn*).

**Action** Correct the settings for the parameters in the destination definition.

**ADAFCM** **Destination {dest-def} - DBID/File {dbid}/{fn}**
**for DATMETHOD=KEY, DATKEYAIL must be specified and greater than 0**

**Explanation** The DATKEYAIL parameter must be specified when the DATMETHOD parameter is set to "KEY". The destination definition containing the invalid parameters is named in the message (*dest-def*), as well as the database and file combination for which the invalid parameters were specified (*dbid* and *fn*).

**Action** Either alter the DATMETHOD parameter setting or add a setting for DATKEYAIL.

**ADAFCN** **Destination {dest-def} - DMAXOUTPUTSIZE must be**
**greater than 4,096, less than 2,147,483,648 or 0**

**Explanation** An invalid value for the DMAXOUTPUTSIZE parameter was specified in the destination definition named in the message (*dest-def*). Valid values must be zero (0) or range between 4096 bytes and 2,147,483,648 bytes.

**Action** Specify a valid value for the DMAXOUTPUTSIZE parameter

**ADAFCO** **Destination {dest-def} DAERROR-must be BACKOUT, CLOSE or ALTACTION**

**Explanation** An invalid value for the DAERROR parameter was specified in the destination definition named in the message (*dest-def*). Valid values are "BACKOUT", "CLOSE" or "ALTACTION".

**Action** Specify a valid value for the DAERROR parameter.

**ADAFCP** **Key value is not unique**
**More than one record was found with this key value**

**Explanation** Replication failed because a key value was not unique across records. This message is accompanied by other messages that provide more information about the problem.

**Action** Determine why the key values are not unique and review the other messages for a better understanding of the problem. Contact your technical support representative if you need assistance.

**ADAFCQ** **Destination {destid} is being closed**

**Explanation** Event Replicator for Adabas is closing the destination identified in the message (*destid*) because of replication errors that occurred for it. This message is accompanied by other messages that provide more information about the problem.

**Action** No action is required for this informational message.

**ADAFCR** **The transaction will be backed out and skipped**

**Explanation** Event Replicator for Adabas is backing out and skipping a transaction because of replication errors that occurred for it. This message is accompanied by other messages that provide more information about the problem.

**Action** No action is required for this informational message.

**ADAFCS** **Response 145 (the record is held by another user) has been encountered while processing an initial-state transaction. The records already processed will be committed. Processing will continue with the rest of the initial-state transaction**

**Explanation** A replication error occurred while processing an initial-state transaction. Response 145 is issued. This message is accompanied by other messages that provide more information about the problem.

**Action** Review the other messages to further understand the problem. Contact your Software GmbH technical support representative if you need assistance.

**ADAFCT** **Response 145 (the record is held by another user) has been encountered. The current transaction will be backed out and restarted once the ISN is available.**

**Explanation** A replication error occurred because a record is held by another user. Response 145 is issued. This message is accompanied by other messages that provide more information about the problem.

**Action** Review the other messages to further understand the problem. Contact your Software GmbH technical support representative if you need assistance.

**ADAFCU** **The record to be {deleted|updated} does not exist on the target DBID/file**

**Explanation** A replication error occurred when the record to be deleted or updated (as specified in the message) does not exist in the target database file. This message is accompanied by other messages that provide more information about the problem.

**Action** Review the other messages to further understand the problem with the record. Contact your technical support representative if you need assistance.

**ADAFCV** **The record to be inserted already exists on the target DBID/file**

**Explanation** A replication error occurred when the record to be inserted already exists in the target database file. This message is accompanied by other messages that provide more information about the problem.

**Action** Review the other messages to further understand the problem. Contact your Software GmbH technical support representative if you need assistance.

**ADAFCW** **The {delete|update|insert} is part of a transaction with the resend flag set**

**Explanation** A replication error occurred when an insert, update or delete (as specified in the message) request fails because the transaction has its resend flag set. This message is accompanied by other messages that provide more information about the problem.

**Action** Review the other messages to further understand the problem. Contact your Software GmbH technical support representative if you need assistance.

**ADAFCX** **The record will be inserted**

**Explanation** Event Replicator for Adabas will insert the replicated record, even though replication problems have occurred. This message is accompanied by other messages that provide more information about the problem.

**Action** No action is required for this informational message.

**ADAFCY** **The record will updated**

**Explanation** Event Replicator for Adabas will update the replicated record, even though replication problems have occurred. This message is accompanied by other messages that provide more information about the problem.

**Action** No action is required for this informational message.

**ADAFCZ** **The above error will be ignored**

**Explanation** Event Replicator for Adabas will ignore the error described by the previous error message, even though replication problems have occurred. This message is accompanied by other messages that provide more information about the problem.

**Action** No action is required for this informational message.

**ADAFNA** **Connect to Reptor {id} failed, target is not a Reptor**

**Explanation** An attempt was made by an Adabas nucleus to connect to an Event Replicator Server when the target of the message is actually another Adabas nucleus, not an Event Replicator Server. The Event Replicator Server ID is given in the message.

**Action** Ensure that you are trying to connect to another Adabas nucleus, not an Event Replicator Server, and try again.

**ADAFNB** **Connect to Reptor {reptid} failed, the level of the Reptor is incompatible with this Adabas nucleus**

**Explanation** The Event Replicator for Adabas version running in the Adabas nucleus is incompatible with the Event Replicator for Adabas version running in the Event Replicator Server nucleus. The software (i.e., Adabas or Event Replicator for Adabas) level in the source nucleus must be less than or equal to the software level in the Event Replicator Server.

**Action** Analyze the use of the Adabas and Event Replicator Server nucleuses to determine which version should be used on each. Then update the software accordingly. Contact your Software AG technical support representative if you need assistance.

**ADAFNC** **Connect to Reptor {reptid} failed with response code {rc}/{sc}**

**Explanation** A connection to the Event Replicator Server named in the message (*reptid*) failed. The response code and subcode (*rc* and *sc*) are given in the message.

**Action** Analyze the response code and subcode to determine why this problem is occurring.

**ADAFND** **Cluster connection to Reptor {id} was not successful**

**Explanation** This message is written in each cluster nucleus when a cluster connection is not successful. Earlier messages for one or more of the cluster nuclei give the reason why the connection was not successful. Normally, the connection will not be successful when the Event Replicator Server is not active. The database ID of the Event Replicator Server is given in the message.

**Action** Analyze the messages for each of the cluster nuclei to determine the cause and resolution of this problem.

**ADAFNE** **{yyyy.mm.dd} {hh.mm.ss} A connection will be attempted**
**{yyyy.mm.dd} {hh.mm.ss} with Reptor {id}**

**Explanation** This message is printed as a result of the RPLCONNECT operator command (issued to an Adabas nucleus). The message is printed for each Event Replicator Server ID for which the nucleus attempts a connection.

**Action** No action is required for this informational message.

**ADAFNF** **{yyyy.mm.dd} {hh.mm.ss} No connection attempts will be made as a**
**{yyyy.mm.dd} {hh.mm.ss} result of the RPLCONNECT request**

**Explanation** This message is printed as a result of the RPLCONNECT operator command (issued to an Adabas nucleus). The message is printed when no connection attempts will be made as a result of the RPLCONNECT operator command.

**Action** Analyze the RPLCONNECT operator command you issued for invalid Event Replicator Server IDs that might have been specified.

**ADAFNG** **Cluster connection command V2/{xxxx}/{yyy}**
**ended with response code {rc}**

**Explanation** In a cluster, one Adabas nucleus is the driver of the cluster connection with the Event Replicator Server. This message is written in the Adabas nucleus that is the driver of the cluster connection with the Event Replicator Server when an unexpected error occurs on the V2 command. The V2 command type *xxxx*, subtype *yy* and response code *rc*, are given in the message.

**Action** Analyze the response code and subcode to determine why this problem is occurring.

**ADAFNH** **Replication turned on for file {file}**

**Explanation** Replication has been turned on by the Adabas nucleus for the identified file.

**Action** No action is required for this informational message.

**ADAFNI** **Replication turned off for file {file}**

**Explanation** Replication has been turned off by the Adabas nucleus for the identified file.

**Action** No action is required for this informational message.

**ADAFOA** **Destination {xxxxxxxx} {xxxxxxxx} RC=X''{xx}''/X'{xxxxxxxx}'**

**Explanation** Destination *xxxxxxxx xxxxxxxx* (access method macro) failed with *return code/reason code*.

**Action** Verify that the JCL DD statement for the sequential file destination is using allowable parameters for the utility/job that failed. Lookup the return and reason codes for the QSAM access method macro that failed.

**ADAFOB** **Destination {xxxxxxxx} file attributes are invalid**

**Explanation** Destination *xxxxxxxxx* is using invalid attributes for the file.

**Action** Verify that the correct attributes are specified for the sequential file, e.g. record format, blocksize, and record length.

**ADAFOE** **Disconnect failed: {zzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzz}**
**{xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx}**
**Error info: {nnn/nnn/xxxxxxxx/xxxxxxxx}**

**Explanation** This message is issued when an error is encountered while communicating with the Adabas messaging interface.

*xx.xxxx* is the name of the queue manager.

*zz.zzzz* is the reason for the failure.

*nnn/nnn/xxxxxxxx/xxxxxxxx* provides the Adabas Messaging Interface return and reason code and the underlying messaging subsystem return and reason codes respectively to help with error diagnosis. The following reasons can occur due to configuration or resource issues while running the Event Replicator Server. If any other reason appears, please contact your local support center.

Messaging System resource error - There is a resource problem in the WebSphere MQ queue manager or webMethods EntireX being used as the message transport. Review the details of the following message to determine what the resource problems may be.

Unexpected reason code - Use the information in this message along with the documentation from your messaging system to determine what caused the error. You may also refer to the codes returned in the subsequent **ADAF87** message.

**Action** See listings of failure reasons above.

**ADAFP0** **DQFULLDELAY is only valid for an ETBROKER or MQSeries destination**

**Explanation** An attempt was made to specify a destination full delay interval for an Adabas, file, or null destination. The DQFULLDELAY parameter is only valid for IBM EntireX or WebSphere MQ destination definitions.

**Action** Remove the DQFULLDELAY parameter for the Adabas, file, or null destination and try again.

**ADAFP1** **GQFULLDELAY must be in range 5 – 300**

**Explanation** An invalid specification was made for the GQFULLDELAY parameter. The GQFULLDELAY parameter setting must be an integer between "5" and "300".

**Action** Correct the GQFULLDELAY specification and try again.

**ADAFP2** **{dbid} STATINTERVAL must be 0 or in the range 60 - 86,400**

**Explanation** An invalid value was specified for the STATINTERVAL initialization parameter. The STATINTERVAL parameter specifies the interval (in seconds) at which interval statistics are published by the Event Replicator Server. Valid values are 0 or an integer in the range 60 through 86,400.

**Action** Correct the invalid parameter specification and try again.

**ADAFP3** **{dbid} DSTATLOG must be YES or NO**

**Explanation** An invalid value was specified for the DSTATLOG initialization parameter. The DSTATLOG parameter indicates whether a destination should receive interval statistics from the Event Replicator Server. Valid values are YES or NO.

**Action** Correct the invalid parameter specification and try again.

**ADAFP4** **IQETBSCONV must be YES or NO**

**Explanation** An invalid specification was made for the IQETBSCONV parameter. The IQETBSCONV parameter setting must be "YES" or "NO".

**Action** Correct the IQETBSCONV specification and try again.

**ADAFP5** **DETBSCONV must be YES or NO**

**Explanation** An invalid specification was made for the DETBSCONV parameter. The DETBSCONV parameter setting must be "YES" or "NO".

**Action** Correct the DETBSCONV specification and try again.

**ADAFP6** **DETBTOKEN | DETBUSERID is not allowed when DETBSCONV=NO**

**Explanation** An invalid specification was made for the DETBTOKEN | DETBUSERID parameter. The DETBTOKEN | DETBUSERID parameter is not allowed when DETBSCONV=NO.

**Action** Correct the DETBTOKEN | DETBUSERID specification and try again.

**ADAFP7** **IQETBTOKEN | IQETBUSERID is not allowed when IQETBSCONV=NO**

**Explanation** An invalid specification was made for the IQETBTOKEN | IQETBUSERID parameter. The IQETBTOKEN | IQETBUSERID parameter is not allowed when IQETBSCONV=NO.

**Action** Correct the IQETBTOKEN | IQETBUSERID specification and try again.

**ADAFP8** **Subscription {xxxxxxxx} database {nnnnn} file {nnnnn}**
**after/before/key image uses global format buffer {xxxxxxx}**
**This global format buffer is optimized for processing initial state data only**
**The subscription destination {xxxxxxxx} cannot be used because:**
**- It allows normal data to be sent and/or does not allow for initial state data**
**- Or it is not an ETB, MQ Series, or Null destination**
**- Or the destination parameter DCLASS is not set to SAGTARG**

**Explanation** During session startup or an operator RPLREFRESH command, an optimized global format buffer was found to be in error for one or more of the reasons listed.

**Action** Make the necessary corrections to ensure the optimize global format buffer meets all of the list requirements and restrictions.

**ADAFPA** **DARC is only valid for an ETBROKER, MQSERIES, or NULL destination**

**Explanation** The DARC parameter can only be specified in a IBM EntireX, WebSphere MQ, or Null destination definition. It is not valid for any others.

**Action** Remove the DARC parameter from this destination definition.

**ADAFPB** **MAXRECORDSIZE must be greater than 0**
**and less than or equal to 50% of LRPL**
**and less than or equal to 32767'**

**Explanation** An invalid value for the MAXRECORDSIZE parameter has been specified. Valid values must be greater than zero (0), with a maximum of 32,767 bytes or 50% of the ADARUN LRPL parameter setting, whichever is larger.

**Action** Correct the setting of the MAXRECORDSIZE parameter.

**ADAFPC** **MAXVARRECORDSIZE must be greater than 0**
**and less than or equal to 50% of LRPL**
**and less than or equal to 32767**

**Explanation** An invalid value for the MAXVARRECORDSIZE parameter has been specified. Valid values must be greater than zero (0), with a maximum of 32,767 bytes or 50% of the ADARUN LRPL parameter setting, whichever is larger.

**Action** Correct the setting of the MAXVARRECORDSIZE parameter.

**ADAFPD** **MAXVARRECORDSIZE must be less than or equal to MAXRECORDSIZE**

**Explanation** The setting of the MAXVARRECORDSIZE or the MAXRECORDSIZE parameter is not accurate. The setting for MAXVARRECORDSIZE must be less than or equal to the setting for MAXRECORDSIZE.

**Action** Correct the setting of either the MAXVARRECORDSIZE or the MAXRECORDSIZE parameter, as appropriate for your site.

**ADAFPE** **DEVENTLOG must be YES or NO**
**DEVENTLOG is {x}**
**DEVENTLOG must be Y or N**

**Explanation** An invalid value (*x*) was specified for the DEVENTLOG initialization parameter. Valid values are YES (Y) or NO (N).

**Action** Correct the DEVENTLOG specification and try again.

**ADAFPF** **LOGINPUTTRANSACTION must be ALL or NO or in the range 1 <=n<=99**

**Explanation** An invalid value was specified for the LOGINPUTTRANSACTION initialization parameter. Valid values are ALL, NO, or an integer from 1-99.

**Action** Correct the LOGINPUTTRANSACTION specification and try again.

**ADAFPG** **Same {type} service is defined for both destination {destname} and input queue {queuename}**

**Explanation** The same IBM EntireX (Broker) service or WebSphere MQ (MQSeries) queue is defined for both a destination and input queue definition. The *type* of service (Broker or MQSeries), the destination definition name (*destname*) and the input queue definition name (*queuename*) are given in the message.

**Action** Correct either the destination or input queue definition so they do not used the same IBM EntireX service or WebSphere MQ queue.

**ADAFPH** **For subscription {subsname}, DBID {dbid}, FNR {fnr}**
**The Subscription SFILE keyword parameter SFSEXIT must be specified when SFREPLICATEDELETE=UPDATE**

**Explanation** The SFREPLICATEDELETE parameter was set to "UPDATE", but no value was specified for the SFSEXIT parameter. If you specify SFREPLICATE=UPDATE, you must also specify a value for the SFSEXIT parameter. The subscription definition name (*subsname*) as well as the database ID (*dbid*) and file number (*fnr*) are given in the message.

**Action** Either change the value of SFREPLICATEDELETE so it is no longer set to "UPDATE" or supply a value for the SFSEXIT parameter. Then try again.

**ADAFPI** **For subscription {subsname}, DBID {dbid}, FNR {fnr}**
**Only YES, NO, or UPDATE are valid for: '{parameter} {keyword}'**

**Explanation** A value other than YES, NO, or UPDATE was specified for the parameter (*parameter*) and keyword (*keyword*) named in the message. The subscription definition name (*subsname*) as well as the database ID (*dbid*) and file number (*fnr*) are given in the message.

**Action** Correct the parameter or keyword setting and try again.

**ADAFPJ** **For subscription {subsname}, DBID {dbid}, FNR {fnr}**
**The before and after image format buffers must be equal when SFREPLICATEDELETE=UPDATE**

**Explanation** An attempt was made to pass both before and after images to the subscription user exit because the SFILE SFREPLICATEDELETE parameter was set to "UPDATE". However, the format buffer before and after images for the physical delete transaction currently being processed were not identical. Subscription definitions with SFREPLICATEDELETE=UPDATE should not have a primary key defined to the file.

The subscription definition name (*subsname*) as well as the database ID (*dbid*) and file number (*fnr*) are given in the message.

**Action** Contact your technical support representative for assistance.

**ADAFPK** **DOPEN must be YES, NO, or GLOBAL**

**Explanation** The value of the DOPEN subparameter must be either "YES", "NO", or "GLOBAL". DOPEN is a subparameter of the DESTINATION initialization parameter.

**Action** Check the parameter input, supply a valid value, and restart the Event Replicator Server.

**ADAFPL** **GOPEN must be YES or NO**

**Explanation** The value of the GOPEN parameter must be either "YES" or "NO".

**Action** Check the parameter input, supply a valid value, and restart the Event Replicator Server.

**ADAFPM** **{FSBEGIN|FTBEGIN} must be in range 1 - 32767**

**Explanation** An invalid specification was made for the FSBEGIN or FTBEGIN parameters. The FSBEGIN and FTBEGIN parameter settings must be between "1" and "32,767".

**Action** Correct the FSBEGIN or FTBEGIN specification and try again.

**ADAFPN** **{FSLENGTH|FTLENGTH} must be in range 1 – 32767**

**Explanation** An invalid specification was made for the FSLENGTH or FTLENGTH parameters. The FSLENGTH and FTLENGTH parameter settings must be between "1" and "32,767".

**Action** Correct the FSLENGTH or FTLENGTH specification and try again.

**ADAFPO** **{FSBEGIN|FTBEGIN} plus {FSLENGTH|FTLENGTH} exceed 32768 limit**

**Explanation** An invalid combination of specifications has been made for the FSBEGIN and FSLENGTH or for the FTBEGIN and FTLENGTH parameters. The sum of the FSBEGIN and FSLENGTH parameter specifications cannot exceed 32,768. Likewise, the sum of the FTBEGIN and FTLENGTH parameter specifications cannot exceed 32,768.

**Action** Correct the FSBEGIN, FTBEGIN, FSLENGTH, or FTLENGTH specifications and try again.

**ADAFPP** **When SFSECURITYFILE=YES is specified:**
**No format buffer may be specified**
**No value may be specified for SFDEFAULTACODE**
**The default value of YES must be in effect for: ADAFPP SFREPLICATEDELETE, SFREPLICATEINSERT, SFREPLICATENOTCHANGED, and SFREPLICATEUPDATE**
**No value may be specified for SFSEXIT**
**No value may be specified for SFFILTER**

**Explanation** One or more invalid parameters have been specified at the subscription/file level with SFSECURITYFILE=YES. This message lists the rules regarding specification of the SFSECURITYFILE parameter and others in your subscription file (SFILE) definition.

**Action** Check the parameter input, supply a valid value, and restart the Event Replicator Server.

**ADAFPQ** **Subscription {subname1} DBID {dbid} File {fnum}**
**has SFSECURITYFILE=YES**
**Subscription {subname2} DBID {dbid} File {fnum}**
**has SFSECURITYFILE={{no | yes}}**

**Explanation** This message is issued when one of two errors has occurred:

- The same file in the same database has SFSECURITYFILE=YES (the file is a security file that should be replicated) in one subscription definition and SFSECURITYFILE=NO (the file is not a security file) in a second subscription definition. This is invalid; the subscriptions should specify the SFSECURITYFILE parameter for the same database file in both subscriptions. Either the file is a security file or it is not.
- Two different files in the same database have been identified as security files (both files in the same database have SFSECURITYFILE=YES) in one or more subscription definitions. Only one security file is expected per database.

**Action** Check the parameter input, supply a valid value, and restart the Event Replicator Server.

**ADAFPR** **Subscription {sub-name} DBID {dbid} File {fnum}**
**has SFSECURITYFILE=YES**
**Adabas destination {dest-name}**
**Input DBID {indbid} File {infile}**
**Target DBID {targdbid} File {targfile}**
**Must specify identical input and target files**

**Explanation** When SFSECURITYFILE=YES is specified in a subscription (indicating Adabas security definitions should be replicated for a database file) and the data from the file flows to an Adabas destination, the input file and target file must be identical in every Adabas destination that replicates data from the source database to the target database.

**Action** Check the parameter input, supply a valid value, and restart the Event Replicator Server.

**ADAFPS** **Invalid field order number for GFB {gfb} field {fld}**

**Explanation** An error occurred when reading the Replicator system file for the global format definition named in the message (*gfb*). The global format buffer has not been correctly generated. The two-byte Adabas field name (*fld*) contains an invalid field order number. Field order numbers are used with composite fields and indicate the order the fields are to be concatenated. The field order number was specified for a non-primary key field or an invalid value was specified. Possible values are from "01" through "99".

**Action** Correct the invalid field number and regenerate the global format buffer / GFFT using the Data Mapping Tool or Predict and reload it into the Replicator System file using the Adabas Event Replicator Subsystem. If the problem persists, contact your Customer support representative with the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

**ADAFPT** **Subscription {subsname} DBID {dbid} File {fn}**
**has SFSECURITYFILE=YES**
**Initial-state definition {isname}**
**references the same DBID/file**

**Explanation** A subscription file (SFILE) definition used by the subscription (*subsname*) indicates that the database file listed in the message (*dbid* and *fn*) is a security file. The same database file is also referenced in an initial-state definition (*isname*). However, the Event Replicator for Adabas does not support the use of security files in initial-state definitions. Any security file you identify in an SFILE definition cannot also be used in an initial-state definition.

**Action** Revise your initial-state or subscription SFILE definitions, as appropriate, so that the security file is not used in the initial-state definition. Then try again.

For information on populating a target database with an initial snapshot of the security definitions, read *Initial-State Processing of Security Definitions*, in the *Event Replicator for Adabas Administration and Operations Guide*.

**ADAFPU** **IQOPEN must be YES, NO, or GLOBAL**

**Explanation** An invalid value was specified for the IQOPEN parameter. Valid values for the IQOPEN parameter are "YES", "NO", or "GLOBAL". IQOPEN is a parameter of the IQUEUE initialization parameter.

**Action** Correct the parameter input and restart the Event Replicator Server.

**ADAFPV** **SLOGCHECKINTERVAL must be 0 or in the range 5 – 2880**

**Explanation** An invalid value was specified for the SLOGCHECKINTERVAL parameter. Valid values are zero (0) or an integer in the range from 5 through 2880.

**Action** Correct the parameter and try again.

**ADAFPW** **{{asso}|{data}|{slogac}|{slogds}|{slogni}|{slogui}}THRESHOLD must be in the range 0 - 100**

**Explanation** An invalid value was specified for the ASSOTHRESHOLD, DATATHRESHOLD, SLOGACTHRESHOLD, SLOGDSTHRESHOLD, SLOGNITHRESHOLD, or SLOGUITHRESHOLD parameter (as shown in the message). Valid values for any of these parameters are integers in the range from 0 through 100.

**Action** Correct the parameter and try again.

**ADAFPX** **{dbid} A nonzero value must be specified for at least one of the following: ASSOTHRESHOLD, DATATHRESHOLD, SLOGACTHRESHOLD, SLOGDSTHRESHOLD, SLOGNITHRESHOLD, and SLOGUITHRESHOLD**

**Explanation** The ASSOTHRESHOLD, DATATHRESHOLD, SLOGACTHRESHOLD, SLOGDSTHRESHOLD, SLOGNITHRESHOLD, and SLOGUITHRESHOLD parameter values are all set to zero, effectively preventing threshold monitoring from occurring in any of the areas in which it can be performed.

**Action** Specify a nonzero value for at least one of the parameters ASSOTHRESHOLD, DATATHRESHOLD, SLOGACTHRESHOLD, SLOGDSTHRESHOLD, SLOGNITHRESHOLD, or SLOGUITHRESHOLD.

**ADAFPY** **NPADACALLS must be in range 1 – 50**

**Explanation** An invalid specification was made for the `NPADACALLS` parameter. The `NPADACALLS` parameter setting must be between "1" and "50".

**Action** Correct the `NPADACALLS` specification and try again.

**ADAFPZ** **DQFULLDELAY must be in range 5– 300 or GLOBAL**

**Explanation** An invalid specification was made for the `DQFULLDELAY` parameter. The `DQFULLDELAY` parameter setting must an integer be between "5" and "300" or the word "GLOBAL".

**Action** Correct the `DQFULLDELAY` specification and try again.

**ADAFQA** **DHBOPTION is only valid for destination type ETBROKER, MQSeries, or Null**

**Explanation** The destination DHBOPTION parameter is only valid for destination types ETBROKER, MQSERIES, or NULL.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAFQB** **DHBOPTION is invalid, the only value allowed is 1**

**Explanation** The only valid value for the destination DHBOPTION parameter is 1.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAFQC** **DHBINTERVAL is only valid for destination type ETBROKER, MQSeries, or Null**

**Explanation** The destination DHBINTERVAL parameter is only valid for destination types ETBROKER, MQSERIES, or NULL.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAFQD** **DHBINTERVAL must be zero or in the range from 60 through 86400**

**Explanation** The only valid values for the destination DHBINTERVAL parameter are 0 or a value from 60 through 86400. 0 is the default.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAFQE** **Destination {xxxxxxxx} parameter DCLASS must be set to SAGTARG when parameter DHBINTERVAL contains a value in the range 60 - 86400**

**Explanation** The destination DCLASS parameter must be set to SAGTARG when the destination DHBINTERVAL parameter contains a value in the range 60 through 86400.

**Action** Check the parameter input, correct the error, and restart the Event Replicator Server.

**ADAFQF** **Destination {dddddddd} is defined with DSTATLOG=YES; it cannot be used with the subscription {ssssssss}.**

**Explanation** The destination *dddddddd* has been defined with `DSTATLOG=YES` and has been linked to a subscription. However, a destination defined with `DSTATLOG=YES` cannot be specified in a subscription.

**Action** Either remove the link to the subscription or specifiy `DSTATLOG=NO` for a destination you would like to link to a subscription.

**ADAFR0** **Database {dbid} is running without replication enabled**

**Explanation** The Event Replicator Server attempted to communicate with a database defined via a subscription but found the database is running with a REPLICATION=NO setting.

This message appears with message **ADAFR1**.

**Action** Execution continues. No replication will occur for the database.

**ADAFR1** **Suspending communication with database {dbid}**

**Explanation** Communication with the database identified in the message (*dbid*) was suspended because the database is running with a REPLICATION=NO setting.

This message appears with message **ADAFR0**.

**Action** Execution continues. No replication will occur for the database.

**ADAFR2** **Reptor could not notify destination {dest1} that {utilname} for DBID {dbid} ended, token {tkn}, subscription {subs1}**

**Explanation** An attempt failed to log a termination event for the utility named in the message (*utilname*) with the given token (*tkn*) to a destination (*dest1*) associated with the given subscription (*subs1*).

**Action** Execution continues. Increasing the value of the ADARUN LRPL parameter may alleviate the shortage.

| | |
|---|---|
| **ADAFR3** | **Starting replication cross-check for database {dbid}** |
| **Explanation** | Replication cross-check processing has started for the database listed in the message (*dbid*). |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **ADAFR4** | **Replication cross-check completed for database {dbid}** |
| **Explanation** | Replication cross-check processing completed for the database listed in the message (*dbid*). |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **ADAFR5** | **Format buffer validation started for database d{}bid** |
| **Explanation** | Format buffer validation processing has started for the database listed in the message (*dbid*). |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **ADAFR6** | **Format buffer validation completed for database d{}bid** |
| **Explanation** | Format buffer validation processing completed for the database listed in the message (*dbid*). |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **ADAFR7** | **No errors were found during replication cross-check for database {dbid}** |
| **Explanation** | No errors were found during replication cross-check processing for the database listed in the message (*dbid*). |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **ADAFR8** | **Replication cross-check was not processed There are no databases connect to the Reptor** |
| **Explanation** | Replication cross-check processing did not occur because there are no databases connected to the Event Replicator Server (Reptor). |
| **Action** | Connect databases to the Event Replicator Server and try again. |

**ADAFR9** **Replication is not turned on for file {nnnnn}**

**Explanation** This message displays when an initial-state request is made for a file that does not have replication turned on. The file number (*nnnnn*) is given in the message.

**Action** Turn replication on for the file in the source Adabas database.

**ADAFRA** **Rejecting connection attempt from Adabas DBID {dbid}**
**The Adabas nucleus is running with ADA{vrs}/ARF{vrs}**

**Explanation** The Adabas or Event Replicator for Adabas version running in the Adabas nucleus is incompatible with the Adabas or Event Replicator for Adabas version running in the Event Replicator Server nucleus. The software level in the Event Replicator Server must be greater than or equal to the software level in the source nucleus.

**Action** Analyze the use of the Adabas and Event Replicator Server nucleuses to determine which versions should be used on each. Then update the software as appropriate. Contact your technical support representative if you need assistance.

**ADAFRB** **Replay process with token {yyyyy} is being changed from**
**synchronized mode to replay-only mode**

**Explanation** This message is printed when an error occurs in the Event Replicator Server, related to the SLOG file (for example, when the SLOG file is full) and the replay process. The token ID of the replay process is given in the message (*yyyyy*).

When the error occurs, this message is printed, the replay process is changed from synchronized mode to replay-only mode, and transactions on the SLOG file for this replay process are scheduled for deletion from the SLOG file.

**Action** No action is required for this informational message.

**ADAFRE** **{yyyy.mm.dd} {hh.mm.ss} A connection will be attempted**
**{yyyy.mm.dd} {hh.mm.ss} with database {id}**

**Explanation** This message is printed as a result of the RPLCONNECT operator command (issued to an Event Replicator Server). The message is printed for each Adabas database for which the Event Replicator Server attempts a connection.

**Action** No action is required for this informational message.

**ADAFRF** **{yyyy.mm.dd} {hh.mm.ss}No connection attempts will be made as a**
**{yyyy.mm.dd} {hh.mm.ss}result of the RPLCONNECT request**

**Explanation** This message is printed as a result of the RPLCONNECT operator command (issued to an Event Replicator Server). The message is printed when no connection attempts will be made as a result of the RPLCONNECT operator command.

**Action** Analyze the RPLCONNECT operator command you issued for invalid Adabas database IDs that might have been specified.

**ADAFRG** **Unable to send event logging information to destination {destination} due to replication pool shortage**

**Explanation** The Event Replicator Server was unable to acquire sufficient resources to notify the affected destination.

**Action** Execution continues. Increasing the value of the LRPL parameter may alleviate the shortage.

**ADAFRH** **{message-text}**

**Explanation** The message text for this message varies, as described in the following table:

| Message Text | Explanation |
|---|---|
| Data found in SLOG for database-related input transactions | When the Event Replicator Server initialized, it found database-related input transactions from the Adabas nucleus logged on the SLOG system file. |
| The database-related input transactions on the SLOG system file contain only FCB/FDT data | This message may appear with the one above. When the Event Replicator Server initialized, it found database-related input transactions on the SLOG file that contained only FCB or FDT data. This indicates that no replicated input transactions are pending on the SLOG system file at the end of the last session. |

**Action** No action is required for this informational message.

**ADAFRI** **LOGINPUTTRANSACTION is set to ALL or 1-99 and the SLOG system file is not loaded**

**Explanation** You have specified LOGINPUTTRANSACTION as ALL or an integer from 1 to 99, but an SLOG file has not been defined for the Event Replicator Server.

**Action** If you really want the LOGINPUTTRANSACTION parameter set to one of these values, define an SLOG file to the Event Replicator Server. For more information, read *Setting Up Subscription Logging*, in the *Event Replicator for Adabas Administration and Operations Guide*.

**ADAFRJ** **Use of SLOG for database-related input transactions turned on**

**Explanation** Use of the SLOG system file for storing and processing database-related input transactions from the Adabas nucleus has been turned on.

**Action** No action is required for this informational message.

**ADAFRK** **Use of SLOG for database-related input transactions turned off**

**Explanation** Use of the SLOG system file for storing and processing database-related input transactions from the Adabas nucleus has been turned off.

**Action** No action is required for this informational message.

**ADAFRL** **Use of SLOG for database-related input transactions suspended**

**Explanation** Use of the SLOG system file for storing and processing database-related input transactions from the Adabas nucleus has been suspended. Messages printed prior to this message indicate why SLOG processing was suspended.

**Action** Review earlier messages to determine the cause of the problem.

**ADAFRM** **Use of SLOG for database-related input transactions no longer suspended**

**Explanation** Use of the SLOG system file for storing and processing database-related input transactions from the Adabas nucleus is no longer suspended. This processing is no longer suspended when all database-related input transactions have been deleted from the SLOG system file.

**Action** No action is required for this informational message.

**ADAFRN** **Use of SLOG for database-related input transactions disabled**

**Explanation** Use of the SLOG system file for storing and processing database-related input transactions from the Adabas nucleus has been disabled. This may occur when SLOG processing of the database-related input transactions is suspended and a subsequent error occurred while attempting to delete the transactions from the SLOG system file.

**Action** Review earlier messages to determine the cause of the problem.

**ADAFRO** **One or more database-related input transactions found for database {dbid} file {nnnn} before the related FCB/FDT**

**Explanation** During Event Replicator Server initialization, one or more database-related input transactions were found on the SLOG system file for the database and file listed in the message, but the related FCB and FDT information is not on the SLOG system file (it should be the first transaction for the database and file combination). Additional messages will appear indicating that replication for the database and file combination has been deactivated.

**Action** Contact your our support representative for assistance.

**ADAFRP** **Input request {type:error}**
**URBIRTOK: {token} URBIRNAM: {destination1} URBIDNAM: {destination2}**

**Explanation** An error occurred while processing a destination open/close client request. The type of request (*type*) is given in the message. It is either "Open Destination" or "Close Destination". The kind of error that occurred (*error*) is also given in the message along with the eight-byte target application token (*token*), the reply destination name (*destination1*), and the name of the destination that was to be opened or closed (*destination2*). Possible *errors* that could be listed include:

- Storage shortage in RPL pool
- URBIRNAM undefined/unusable
- Different response destinations
- Multiple URBI's -- diff tokens
- Selection data not allowed
- URBIARC/ACOD/WCOD not zero
- URBIRES/RES1 not zero
- Destination unknown or unusable
- Unknown response destination
- DBID/FNR not allowed
- Initial state not allowed
- Destination not unique
- Subscription name not allowed
- Transaction Seq # not allowed

**Action** If the error indicates an RPL storage pool shortage, consider increasing the value of the ADARUN LRPL parameter.

If the error indicates an Invalid unused URBI field(s), read about *Event Replicator Client Requests* in the *Event Replicator for Adabas Application Programmer's Reference Guide* and read about the URBI fields required for destination open and close requests. Any fields not listed in the description must be initialized to spaces (if they are defined as character format fields) or must be initialized to binary zeroes.

If problems persist, contact your our support representative for assistance.

**ADAFRQ** **Both the {{insert and update | update and insert}} attempts failed**
**No further attempts will be made to {{insert | update}} this record**

**Explanation** This message appears when DAERROR=ALTACTION or the resend flag is set and one of the following occurs:

- An insert is processed and the record already exists. An attempt to update the record is performed, but fails with a RSP113; no further attempts are then made to insert or update the record.

- An update is processed and the record does not exist. An attempt to insert the record is performed, but fails with a RSP113; no further attempts are then made to update or insert the record.

This error may be caused when the ISN is larger than the MAXISN parameter setting in effect for the destination Adabas file.

**Action** Consider adjusting the MAXISN setting for the destination Adabas file. If the problem persists, contact your our support representative for assistance.

**ADAFRR** **Destination {dest-name} will not be opened**

**Explanation** The destination identified in the message (*dest-name*) will not be opened. The destination was either defined with parameter DOPEN=NO or defined with parameter DOPEN=GLOBAL and the global parameter GOPEN was set to "NO".

**Action** No action is required for this informational message.

**ADAFRT** **The following files in database {dbid}**
**have replication turned on for this Reptor**
**but are currently inactive:**
**File {fn}**

**Explanation** This message displays a list of files contained in an Adabas nucleus that are defined to the Event Replicator but are currently inactive (replication has been turned off for these files).

**Action** No action is required for this informational message. The files listed will not be replicated until they are reactivated. For information on activating database files for replication, read *Activating the Event Replicator Databases and Files* in the *Event Replicator for Adabas Administration and Operations Guide*.

**ADAFRU** **Input queue {qname} will not be opened**

**Explanation** The input queue identified in the message (*qname*) will not be opened. The input queue was either defined with the initialization parameter IQOPEN set to "NO" or it was defined with the initialization parameter IQOPEN set to "GLOBAL" and the global parameter GOPEN set to "NO".

**Action** No action is required for this informational message.

**ADAFRV** **Initial State {is-name} started**
**DBID = {dbid}, FNR = {fnr}, Initial-stateID = X'{hex-is-id}'**

**Explanation** This message is displayed by the Event Replicator for Adabas when processing starts for an initial-state request. It includes the database ID (*dbid*) and file number (*fnr*) the initial state requested. It also lists a unique ID (*hex-is-id*) that can be used to match the completion messages with the initial-state start messages. This is most beneficial when there are multiple initial-state processes running concurrently

**Action** No action is required for this informational message.

**ADAFRW** **Initial State {is-name} completed**
**DBID = {dbid}, FNR = {fnr}, Initial-stateID = X'{hex-is-id}'**
**Response = {rc}, Subcode = {sc}**

**Explanation** This message is displayed by the Event Replicator for Adabas when an initial-state request completes. It includes the database ID (*dbid*) and file number (*fnr*) the initial state requested. It also lists a unique ID (*hex-is-id*) that can be used to match the completion messages with the initial-state start messages. This is most beneficial when there are multiple initial-state processes running concurrently

**Action** If the response code and subcode are non-zero, then they should be reviewed for the cause and corrected. The initial-state process should then be restarted.

If they are zero, no action is required for this message.

**ADAFRX** **SLOG turned on for destination {dest-name}**

**Explanation** SLOG processing has been turned on for the destination listed in the message (*dest-name*).

**Action** No action is required for this informational message.

**ADAFRY** **SLOG turned off for destination {dest-name}**

**Explanation** SLOG processing has been turned off for the destination listed in the message (*dest-name*).

**Action** No action is required for this informational message.

**ADAFS0** **ETBBROKER destination | input queue {<name>} connected with single conversation mode set**
**ETBBROKER Token =**
**ETBBROKER Userid =**

**Explanation** These messages are displayed whenever an ETBBROKER destination has `DETBSCONV=YES` or an ETBBROKER input queue has `IQETBSCONV=YES`. It displays the values used for the ETBBROKER API token and user ID fields.

**Action** No action is required for this informational message.

**ADAFS1** **Destination/Input Queue: {xxxxxxx} has multi conversation mode data waiting to be consumed, switch to single conversation mode not allowed**

**Explanation** This error can occur whenever an ETBBROKER destination has `DETBSCONV=YES` or an ETBBROKER input queue has `IQETBSCONV=YES`. It indicates there are multi conversation mode messages waiting to be consumed from the last session and that switching to single conversation mode is not allowed until the pending messages have been consumed.

**Action** Bring up the Event Replicator Server nucleus with the input queue that is to receive these messages in multi conversation mode and consume the remaining messages. ADAMTR can also be used to consume them.

**ADAFSA** **{dbid} DB ASSO threshold reached**

**Explanation** The Adabas Associator threshold set by the ASSOTHRESHOLD parameter has been reached. This message warns you so you can address the space issues before they become a serious problem for your Event Replicator Server.

**Action** No action is required for this warning message. However, you might want to evaluate the Adabas Associator space usage and either increase the amount of space available for the Associator files or adjust your Adabas processing so less space is required. Alternatively, or in addition to the above adjustments, you might want to alter the setting of the ASSOTHRESHOLD parameter.

**ADAFSB** **{dbid} DB DATA threshold reached**

**Explanation** The Adabas Data threshold set by the DATATHRESHOLD parameter has been reached. This message warns you so you can address the space issues before they become a serious problem for your Event Replicator Server.

**Action** No action is required for this warning message. However, you might want to evaluate the Adabas Data space usage and either increase the amount of space available for the Data files or adjust your Adabas processing so less space is required. Alternatively, or in addition to the above adjustments, you might want to alter the setting of the DATATHRESHOLD parameter.

**ADAFSC** **{dbid} DB SLOG AC threshold reached**

**Explanation** The SLOG address converter (AC) threshold set by the SLOGACTHRESHOLD parameter has been reached. This message warns you so you can address the space issues before they become a serious problem for your Event Replicator Server.

**Action** No action is required for this warning message. However, you might want to evaluate the SLOG address converter space usage and either increase the amount of space available for the address converter or adjust your Event Replicator for Adabas processing so less space is required. Alternatively, or in addition to the above adjustments, you might want to alter the setting of the SLOGACTHRESHOLD parameter.

**ADAFSD** **{dbid} DB SLOG NI threshold reached**

**Explanation** The SLOG normal index (NI) threshold set by the SLOGNITHRESHOLD parameter has been reached. This message warns you so you can address the space issues before they become a serious problem for your Event Replicator Server.

**Action** No action is required for this warning message. However, you might want to evaluate the SLOG NI space usage and either increase the amount of space available for the normal index or adjust your Event Replicator for Adabas processing so less space is

required. Alternatively, or in addition to the above adjustments, you might want to alter the setting of the SLOGNITHRESHOLD parameter.

**ADAFSE** **{dbid} DB SLOG UI threshold reached**

**Explanation** The SLOG upper index (UI) threshold set by the SLOGUITHRESHOLD parameter has been reached. This message warns you so you can address the space issues before they become a serious problem for your Event Replicator Server.

**Action** No action is required for this warning message. However, you might want to evaluate the SLOG UI space usage and either increase the amount of space available for the upper index or adjust your Event Replicator for Adabas processing so less space is required. Alternatively, or in addition to the above adjustments, you might want to alter the setting of the SLOGUITHRESHOLD parameter.

**ADAFSF** **{dbid} DB SLOG DS threshold reached**

**Explanation** The SLOG Data Storage (DS) threshold set by the SLOGDSTHRESHOLD parameter has been reached. This message warns you so you can address the space issues before they become a serious problem for your Event Replicator Server.

**Action** No action is required for this warning message. However, you might want to evaluate the SLOG DS space usage and either increase the amount of space available for Data Storage or adjust your Event Replicator for Adabas processing so less space is required. Alternatively, or in addition to the above adjustments, you might want to alter the setting of the SLOGDSTHRESHOLD parameter.

**ADAFSG** **{dbid} DB ASSO used {nnn}%**
**{dbid} DB ASSO allocated cylinders{nnn,nnn,nnn,nnn}**
**{dbid} DB ASSO unused cylinders {nnn,nnn,nnn,nnn}**
**{dbid} DB DATA used {nnn}%**
**{dbid} DB DATA allocated cylinders {nnn,nnn,nnn,nnn}**
**{dbid} DB DATA unused cylinders {nnn,nnn,nnn,nnn}**

**Explanation** The Adabas Associator and Data Storage file space usage statistics are listed in the message.

**Action** No action is required for this warning message. However, since this message is issued when one or more space thresholds have been reached, we recommend that you evaluate the Adabas Associator and Data Storage space usage and either increase the amount of space available for the files or adjust your Adabas processing so less space is required.

**ADAFSH** **{dbid} SLOG AC used {nnn}%**
**{dbid} SLOG AC MAXISN {n,nnn,nnn,nnn}**
**{dbid} SLOG AC TOPISN {n,nnn,nnn,nnn}**
**{dbid} SLOG AC MINISN {n...,nnn}**
**{dbid} SLOG AC extents nnn**
**{dbid} SLOG NI used {nnn}%**
**{dbid} SLOG NI allocated cylinders {nnn,nnn,nnn,nnn}**
**{dbid} SLOG NI unused cylinders {nnn,nnn,nnn,nnn}**
**{dbid} SLOG NI extents {nnn}**
**{dbid} SLOG UI used {nnn}%**
**{dbid} SLOG UI allocated cylinders {nnn,nnn,nnn,nnn}**
**{dbid} SLOG UI unused cylinders {nnn,nnn,nnn,nnn}**
**{dbid} SLOG UI extents {nnn}**
**{dbid} SLOG DS used {nnn}%**
**{dbid} SLOG DS allocated cylinders {nnn,nnn,nnn,nnn}**
**{dbid} SLOG DS unused cylinders {nnn,nnn,nnn,nnn}**
**{dbid} SLOG DS available cylinders {nnn,nnn,nnn,nnn}**
**{dbid} SLOG DS extents {nnn}**

**Explanation** The SLOG Associator and Data Storage file space usage statistics are listed in the message. Note that the MINISN value is only written when MINISN is greater than one.

**Action** No action is required for this warning message. However, since this message is issued when one or more space thresholds have been reached, we recommend that you evaluate the SLOG Associator and Data Storage space usage and either increase the amount of space available for the files or adjust your Event Replicator Server processing so less space is required.

**ADAFSI** **{dbid} SLOG check executed, no thresholds reached.**

**Explanation** The Adabas and SLOG Associator and Data Storage file space usage have been checked, but none of the usage thresholds have been reached. This message only appears once after the first threshold interval has passed and if no thresholds have been reached.

**Action** No action is required for this informational message.

**ADAFSJ** **ADASAF must be enabled to replicate a ciphered file**

**Explanation** In order to process ciphered files the Event Replicator for Adabas must be running with ADASAF and the external security system RACF.

**Action** The related source dbid/file will be deactivated.

**ADAFSK** **No cipher or password defined in security system**

**Explanation** The security data could not be obtained from the external security system for replication of security protected Adabas records (cipher key).

**Action** The related source dbid/file will be deactivated.

**ADAFSL** **DB/file not defined in security system**

**Explanation** The related resource for the source dbid/file was not defined in the external security system (cipher key).

**Action** The related source dbid/file will be deactivated.

**ADAFSM** **External security system is not RACF**

**Explanation** Only the external security system RACF can deliver security data for replication of security protected data.

**Action** The related source dbid/file will be deactivated.

**ADAFSN** **External security system error {ttffrrss}**

**Explanation** The external security system returned an error for a security data request with the hexadecimal error information: *tt* = R15 return value, *cc* = RACROUTE code, *rr* = return code, *ss* = reason code.

**Action** The related source dbid/file will be deactivated.

**ADAFSO** **UTIONLY=YES not allowed**

**Explanation** `UTIONLY=YES` is not allowed for an Event Replicator Server.

**Action** Supply correct parameters and rerun the job.

**ADAFSP** **DBID {dbid} FNR {file-number} may not be replicated**
**The file is defined with cipher code**

**Explanation** Additional message printed before detailed error messages ADAFSK through ADAFSN are given.

**ADAFSQ** **FCB/FDT for DBID {dbid} FNR {file-number} not written**
**to the SLOG due to replication pool overflow**

**Explanation** The Reptor is unable to allocate space in the replication pool for the FCB/FDT. The FCB/FDT is not written to the SLOG system file.

| | |
|---|---|
| **ADAFSR** | **DBID {dbid} FNR {file-number} Adabas target** |
| **Explanation** | Additional message printed before detailed error message ADAFSN when trying to obtain security data from the external security system for the specified Adabas target file. |

# 24 ADAH* - Dump Formatter Status Messages

These are general status messages that describe current operating status of the dump formatting facility.

| | |
|---|---|
| **ADAH01** | **{dbid} Dump format called** |
| **Explanation** | Issued by the Adabas extended error recovery facility at the point where dump formatting begins. Displayed on the console and written to DDPRINT. |

| | |
|---|---|
| **ADAH02** | **{dbid} Dump format completed** |
| **Explanation** | Issued by the Adabas extended error recovery facility at the point where dump formatting terminates. Displayed on the console and written to DDPRINT. |

# 25 ADAI* - ADAIOR System Messages

**Note:** Although not considered console messages, those preceded by an asterisk (*) are also displayed on the system console.

**ADAI01** **{data set} {count} {READS | WRITES}**

**Explanation** A sequential data set is closed.

The read count is shown when a sequential input data set is closed. The write count is shown when a sequential output data set is closed.

**ADAI02** **GETMAIN {(desc) stor-req} {address}**
**GETMAIN {(desc) stor-req}/{stor-avail} {address}**

**Explanation** The first form of the message is written whenever memory is dynamically acquired and the requested memory is available.

The second form of the message is written whenever memory is dynamically acquired and less than the requested memory is available.

In the messages, *(desc)* is the Getmain descriptor, *stor-req* is the amount of memory requested, *stor-avail* is the amount of memory available, and *address* is the Getmain address.

**ADAI03** **{data set} | {physical-file-name} {countr} reads**
**{data set} | {physical-file-name} {countw} writes**
**{data set} | {physical-file-name} {countf} format writes**

**Explanation** A direct access data set is closed.

The *physical-file-name* indicates that the file was opened using dynamic allocation.

The read count *countr* and write count *countw* are shown.

The write count *countw* is the count of update writes only. If any format writes were issued, the format write count is shown in *countf*.

**ADAI04** **{countr} read errors**
**{count} write errors**

**Explanation** The message is written immediately following message ADAI03 when a direct access data set for which there had been read and/or write errors is closed.

**ADAI05** **{countr} reads using zHPF**
**{countw} writes using zHPF**

**Explanation** This message is written at data set close following message ADAI03 when a direct access data set used zHPF channel programs for reads or writes.

This message is only generated when the zHPF read and write counts differ from the read and write counts in the preceding ADAI03 message.

**Action** No action is required for this informational message.

**ADAI06** **{count} retries using ECKD**

**Explanation** This message is written at data set close following message ADAI03. If it was necessary to retry any zHPF I/O requests using an ECKD channel program (for instance because zHPF became unavailable on the operating system), the retry count is supplied.

**Action** No action is required for this informational message.

**ADAI20** **{dbid} dataset {physical-file-name} DD: {link-name}**

**Explanation** An I/O error occurred on a file opened using dynamic allocation. This message appears immediately after the **ADAI21** message.

**ADAI21** **{dbid} IO error DD {link-name} DSN {file-name}**
**RABN {bad-rabn}({start-rabn}) {oper} from {start-num} Num {num-rabn}**
**IOBA {ioba} CCWA {ccwa} CC {ccbs} CSW {csw} SNS {sns}**
**SYS {lu} IEDB {iedb} ADDR {ccw-addr} CMD {ccw-cmd} IDA {ida-data} DATA {ccw-data}**

**Explanation** IBM platforms only. This message occurs when a disk I/O error is reported back to ADAIOR by the operating system.

The first 3 lines of the message are sent to the console and DDPRINT. Subsequent lines are sent to DDPRINT only.

The message variables and their meanings are:

| Variable | Description |
|---|---|
| *bad-rabn* | The actual failing RABN. |
| *ccbs* | Communications bytes from the communications control block. |
| *ccwa* | CCW address of failing I/O. |
| *ccw-addr* | The CCW address. |
| *ccw-cmd* | The CCW data. |
| *ccw-data* | Up to 16 bytes of data pointed to by the CCW. |
| *csw* | Channel status from the channel status word (CSW). |
| *dbid* | Database ID |
| *file-name* | The physical file name of the data set. |
| *ida-data* | Indirect access address of CCW data. |
| *iedb* | The I/O error data block (z/OS only) |
| *ioba* | I/O control block address for failing I/O. |
| *link-name* | The DD name of the data set. |
| *num-rabn* | The number of RABNs for this part of the failing I/O operation. |
| *oper* | The type of operation being performed when the failure occurred as follows: Read, Write, or Format |
| *sns* | Additional sense byte data. |
| *start-num* | The start RABN for this part of the failing I/O operation. |
| *start-rabn* | The start RABN of the failing I/O operation. |

For more information on CCW, CSW and sense data, please refer to the relevant IBM publication.

**Action** Use the information provided by the message to locate a possible hardware failure. Keep the information and any dumps for later use.

If no hardware failure occurred, please contact your technical support representative.

**ADAI22** **ADAIOR Trace table: --> is current entry**

**Explanation** The ADAIOR trace table has been activated and printed.

**ADAI27** **{dbid} Timer interval exceeds maximum allowed**
**{dbid} Reset to maximum**

**Explanation** A timer request was issued that exceeds the maximum allowed by the operating system.

**Action** Reset the interval to the maximum allowed by your operating system.

**ADAI29** **Oper cmd: {command}**

**Explanation** An operator command has been entered. The text of the operator command is shown in *command*.

**Action** No action is required for this informational message.

**ADAI30** **{file-name} {number} tracks formatted**

**Explanation** ADAIOR has completed formatting for a direct-access file.

**ADAI32** **{dbid} Internal error - function {func-name} error {error}**

**Explanation** An internal error has occurred.

**Action** Make a note of all recent messages, and contact your Adabas support representative.

**ADAI34** **Write to Operator failed - Reason Code {nnnnnnnn}**

**Explanation** A write to operator (WTO) request has returned a non-zero response code *nnnnnnnn*.

Following the ADAI34 message, the message which caused the WTO failure is written to DDPRINT as normal, and processing continues.

**Action** No action is required for this warning message. However, the user is advised to check the system console log for error messages issued by z/OS relating to WTO problems.

**ADAI35** **zHPF channel program error – retrying I/O in ECKD mode**

**Explanation** **Note:** This message is available in z/OS systems only.

An I/O error has been detected for a zHPF channel program. The zHPF I/O is retried as a non-zHPF I/O and no further zHPF I/O will be attempted on this file extent during the job step.

This message is followed by message **ADAI41**.

**Action** No action is required for this informational message.

**ADAI36** **No space for secondary extent on first volume of {ddname}**
**Use non-zero primary space allocation for SPACE**
**parameter in JCL DD statement and rerun the job**

**Explanation** This message may be issued by ADAFRM when a new dataset is being formatted.

There is no available space on the volume selected by z/OS for allocating the first secondary extent.

Following this message, the job will be terminated with user abend 692.

**Action** Specify non-zero primary allocations for the new datasets being formatted and rerun the job.

**ADAI37** **Encryption buffer pool full**

**Explanation** An attempt to allocate a buffer for encryption services has failed because there is no available space in the encryption buffer pool.

The job will continue to run but performance may be severely degraded.

**Action** Contact your our support representative for information on how to tailor the encryption buffer pool size for your installation.

**ADAI39** **{Fixed | Pageable} {1 MB | 2 GB} large page allocation failed -- {not authorized|not available|not supported} {R15={nnnnnnnn} R0={nnnnnnnnn}}**

**Explanation** An attempt to allocate storage using fixed or pageable one-megabyte or two-gigabyte large pages failed. One of three possible reasons is listed in the message:

| Reason | Description |
|---|---|
| not authorized | The job was not authorized. Large page allocation requests require APF-authorization. |
| not available | Large pages are not available on your system. |
| not supported | Large pages not supported by your system. |

When "{R15=*nnnnnnnn* R0=*nnnnnnnnn*}" is shown in the message, it indicates that an unexpected return code was received from the z/OS IARV64 service.

**Action** No immediate action is necessary, as a storage allocation not using large pages will be attempted instead.

Action may be required to prevent this warning message from appearing when the job is next run:

- If the message indicates that the job was not authorized, ensure when rerunning the job that it is APF-authorized.
- If your system does *not* support large pages, do not use the ADARUN parameter causing the attempt to allocate using large pages. Remove it from the startup JCL of the job.
- If your system *does* support large pages of the type requested, consider increasing the number of fixed large pages specified for your operating system using the LFAREA parameter in PARMLIB member IEASYS*xx*. Contact your system administrator for assistance. For more information, read your IBM *MVS Initialization and Tuning* documentation.

**ADAI40** **zHPF unavailable – retrying I/O in ECKD mode**

**Explanation** **Note:** This message is available in z/OS systems only.

An I/O error has been detected for a zHPF channel program, because zHPF is no longer available. The zHPF I/O is retried as a non-zHPF I/O and no further zHPF I/O will be attempted on any file until after message **ADAI42** is issued.

This message is followed by message **ADAI41**.

**Action** No action is required for this informational message.

**ADAI41** **IO Retry DD {link-name} DSN {file-name}**
**RABN {bad-rabn}({start-rabn}) {oper} from {start-num} Num {num-rabn}**
**IOBA {ioba} TCWA {tcwa} CC {ccbs} CSW {csw} SNS {sns}**
**IEDB {iedb} TCW {tcw}**

**Explanation** This message occurs when a disk I/O error on a zHPF channel program is reported back to ADAIOR by the operating system. Message ADAI41 is issued immediately following **ADAI35** or **ADAI40**.

If ADAI41 is issued following **ADAI40**, only the first three lines of message ADAI41 are generated. The first three lines of the message are sent to the console and DDPRINT. Subsequent lines are sent to DDPRINT only.

The message variables and their meanings are:

| Variable | Description |
|---|---|
| *bad-rabn* | The actual failing RABN. |
| *ccbs* | Communications bytes from the communications control block. |
| *csw* | Channel status from the channel status word (CSW). |
| *dbid* | Database ID |
| *file-name* | The physical file name of the data set. |
| *ida-data* | Indirect access address of CCW data. |
| *iedb* | The I/O error data block (z/OS only) |
| *ioba* | I/O control block address for failing I/O. |
| *link-name* | The DD name of the data set. |
| *num-rabn* | The number of RABNs for this part of the failing I/O operation. |
| *oper* | The type of operation being performed when the failure occurred as follows: Read or Write |
| *sns* | Additional sense byte data. |
| *start-num* | The start RABN for this part of the failing I/O operation. |
| *start-rabn* | The start RABN of the failing I/O operation. |
| *tcw* | The TCW, TCCB and TIDAL data for the I/O. |
| *tcwa* | TCW address of failing I/O. |

For more information on TCW, CSW and sense data, please refer to the relevant IBM publication.

**Action** When preceded by message **ADAI40**, no further action is required.

When preceded by message **ADAI35**, use the information provided by the message to locate a possible hardware failure. Keep the information and any dumps for later use.

If no hardware failure occurred, please contact your technical support representative for assistance.

**ADAI42** **zHPF enabled for I/O requests on supported devices**

**Explanation** **Note:** This message is available in z/OS systems only.

zHPF has been enabled on the operating system. I/O to data sets opened in zHPF mode, on devices which support zHPF, will now use zHPF channel programs.

This message is only issued after a previous **ADAI40** message.

**Action** No action is required for this informational message.

**ADAI44** **Storage at [{address}] length [{length}] {is | is not} backed by fixed 1MB large pages | {is | is not} backed by pageable 1MB large pages | {is | is not} backed by fixed 2GB large pages | is backed by pageable 4KB pages**

**Explanation** A 64-bit virtual storage area was allocated with the address and length indicated in the message.

Different message endings appear using this message ID, depending on the type of storage requested and the type of storage allocated. The following table lists the possible messages, their cause, and recommended actions you can take when they occur.

| Message Ending | Description | Action |
|---|---|---|
| "is backed by fixed 1MB large pages" | Storage backed by fixed 1M large pages was requested via ADARUN parameters; 1M large pages are successfully being used to back the storage. | No action is required for this informational message. |
| "is not backed by fixed 1MB large pages" | Storage backed by fixed 1M large pages was requested via ADARUN parameters, but this request was not successful. Either the system does not support fixed 1M large pages or insufficient fixed 1MB large pages were available. Instead, | Consider the following actions:<br>■ If your system does *not* support large pages, do not use the ADARUN parameter causing the attempt to allocate using large pages. Remove it from the startup JCL of the job. |

| Message Ending | Description | Action |
|---|---|---|
| | the allocated storage is backed by pageable 4K pages. | ■ If your system *does* support large pages of the type requested, consider increasing the number of fixed large pages specified for your operating system using the LFAREA parameter in PARMLIB member IEASYS*xx*. Contact your system administrator for assistance. For more information, read your IBM *MVS Initialization and Tuning* documentation. |
| "is backed by pageable 1MB large pages" | Storage backed by pageable 1M large pages was requested via ADARUN parameters; 1M large pages are successfully being used to back the storage. | No action is required for this informational message. |
| "is not backed by pageable 1MB large pages" | Storage backed by fixed 1M large pages was requested via ADARUN parameters, but this request was not successful. Either the system does not support pageable 1M large pages or insufficient pageable 1MB large pages were available. Instead, the allocated storage is backed by pageable 4K pages. | Consider the following action:<br><br>If your system does *not* support large pages, do not use the ADARUN parameter causing the attempt to allocate using large pages. Remove it from the startup JCL of the job. |
| "is backed by fixed 2GB large pages" | Storage backed by fixed 2G large pages was requested via ADARUN parameters; 2G large pages are successfully being used to back the storage. | No action is required for this informational message. |
| "is not backed by fixed 2GB large pages" | Storage backed by fixed 2G large pages was requested via ADARUN parameters, but this request was not successful. Either the system does not support fixed 1G large pages or insufficient fixed 2GB large pages were available. Instead, the allocated storage is backed by pageable 4K pages. | Consider the following actions:<br><br>■ If your system does *not* support large pages, do not use the ADARUN parameter causing the attempt to allocate using large pages. Remove it from the startup JCL of the job.<br><br>■ If your system *does* support large pages of the type requested, consider increasing the number of fixed large pages |

| Message Ending | Description | Action |
|---|---|---|
| | | specified for your operating system using the LFAREA parameter in PARMLIB member IEASYS*xx*. Contact your system administrator for assistance. For more information, read your IBM *MVS Initialization and Tuning* documentation. |
| "is backed by pageable 4KB pages" | Storage backed by pageable 4K pages was requested; pageable 4K pages are successfully allocated. If 1M or 2G large pages were requested, this message appears on the operator console and on DDPRINT. If 4K pages were requested, this message appears on DDPRINT only. | No action is required for this informational message. |

**Action** Refer to the specific message ending in the table above to determine what action, if any, is necessary.

**ADAI45** **{ddname }Open failed - {encryption support not available | encryption support not available. Insufficient storage | encryption support not available. Insufficient 64-bit storage | encryption support not compatible with dataset type}**

**Explanation** Refer to the table below for description and action:

| Message Ending | Description | Action |
|---|---|---|
| 'encryption support not available' | An attempt was made to open an encrypted dataset, but the required support is not available. | Ensure that ADARUN parameter ENCRYPTION=YES is specified and that a valid license for the Adabas encryption product has been processed successfully.<br><br>If not, correct the error and rerun the job.<br>If the problem persists, contact your our support representative. |

| Message Ending | Description | Action |
|---|---|---|
| 'encryption support not available. Insufficient storage' | An attempt was made to open an encrypted dataset, but insufficient storage was available for the encryption parameter area. | Increase the REGION size and rerun the job.<br><br>If the problem persists, contact your our support representative. |
| 'encryption support not available. Insufficient 64-bit storage' | An attempt was made to open an encrypted dataset, but insufficient storage was available for the encryption buffer area. | Ensure that the MEMLIMIT size permits an allocation of 16 MB above the 2 GB bar.<br><br>If the problem persists, contact your our support representative. |
| 'encryption support not compatible with dataset type' | An attempt was made to open an encrypted dataset that is not compatible with the Adabas Encryption product. | Ensure that the encrypted dataset was formatted correctly using ADAFRM, with the key label specified on the JCL DD statement (DSKEYLBL) or derived from RACF or SMS.<br><br>If the problem persists, contact your our support representative. |

**Action** See table above.

**ADAI47** **{ddname } {read | write | read GCB} encryption error**
**Return code {retcode} reason code {rsncode} | Parameter build error**

**Explanation** Either the encryption service has returned an error indicated by the return code and reason code, or the encryption parameter list could not be built.

**Action** Contact your our support representative.

**ADAI62** **{dbid} Allocation error - type {x} retcode {ret-code}**
**{dbid} subcode {subcode} dataset {physical-file-name}**

**Explanation** An attempt to allocate a file dynamically failed. *x* indicates the request type: A (allocation); D (deallocation); or I (information retrieval). The *ret-code* and *subcode* display the error code returned from the operating system.

**Action** Interpret the error code for your system and respond accordingly.

**ADAI64** **{dbid} {File {ddname} | Dataset {dsn}} is being opened in mode {mode}**
**Block size {blksize} RABN range {start-RABN} to {end-RABN}**
**{File {ddname} | Dataset {dsn}} is encrypted**

**Explanation** The file (*ddname*) or dynamically allocated data set (*dsn*) is being opened in the mode (*mode*) given in the message (CKD, ECKD or zHPF). The file resides on a storage control device that supports count key data (CKD), extended count key data (ECKD) or high performance FICON (zHPF) channel commands. Adabas generates channel programs accordingly.

The block size (*blksize*) of the data set is given in the message. It contains the blocks with numbers *start-RABN* through *end-RABN*.

If the dataset is encrypted, an additional message line is generated to indicate this.

**Action** No action is required for this informational message.

**ADAI65** **{dbid} EXCPVR is [NOT] being used for this run**

**Explanation** If ADAIOR is loaded from an APF-authorized library concatenation, and ADARUN is linked with the SETCODE AC(1) statement, ADAIOR then performs the channel program translation/page fixing. If "NOT" appears in the message, ADAIOR will not perform channel program translation and page-fixing to improve the performance of I/O operations.

**Action** None required. This message is for your information only. If the message says that EXCPVR is not being used, but you have set up ADAIOR in an APF-authorized library and linked ADARUN with SETCODE AC(1) to use EXCPVR, refer to the Adabas Installation documentation for more information.

**ADAI70** **{DDCARD | DDKARTE} has invalid attribute {RECFM=x | LRECL=n }**

**Explanation** During a request to open DDCARD or DDDRUCK, an invalid record format or record length has been detected. DDCARD and DDDRUCK are required to be in fixed record format (RECFM=F), with a record length of 80 bytes (LRECL=80).

**Action:** Correct the error and rerun the job.

**ADAI71** **Error {nn} writing console message type {x} length {nnnn}**

**Explanation** An error has occurred processing a request to write a message to the console.

**Action:** Contact your technical support representative for assistance.

**ADAI73** **{dbid} Warning: {ddname} dataset {dsn}**
**{dbid} has been added since nucleus start-up.**
**{dbid} {ddname} is now required in the JCL of all nucleus and**
**{dbid} utility jobs for this database.**

**Explanation** The file or data set listed in the message (*ddname* or *dsn*) has been dynamically allocated and added to ASSO or DATA during this nucleus session. All subsequent jobs for this database need the added DD name (*ddname*) in the JCL.

This message is displayed at nucleus termination.

**Action:** Verify that the added data set has been included in the JCL for all nucleus and utility jobs for this database. If it has not, add appropriate JCL statements for the new data set to the jobs.

**ADAI75** **File {ddname} {add | increase | decrease} {requested | detected}**
**{nnnnn} {cylinders | blocks}**
**dataset {dsn}**

**Explanation** This message appears when either of the following situations has occurred:

- The Adabas nucleus issued a request to add a new ASSO or DATA data set comprising the listed number of cylinders (*nnnnn*) or to increase the size of the final ASSO or DATA data set by the listed number of cylinders or blocks.
- An Adabas utility detected that a new ASSO or DATA data set comprising the listed number of cylinders (*nnnnn*) has been added or the size of the final ASSO or DATA data set has been increased by the listed number of cylinders or blocks.
- The Adabas nucleus issued a request to decrease the size of ASSO or DATA by the listed number of cylinders or blocks.

For an add request, the data set name requested is also listed in the message (*dsn*).

**Action:** No action is required for this informational message.

**ADAI76** **File {ddname} {add | increase | decrease} activated**

**Explanation** A previous request has been activated to add a new ASSO or DATA data set, increase the size of the final ASSO or DATA data set, or decrease the size of the ASSO or DATA data set. For an add or increase, the database is now ready to make use of the additional space. For a decrease, the areas of ASSO or DATA affected are no longer available to the database.

The DD name (*ddname*) associated with the data set is given in the message.

**Action:** No action is required for this informational message.

**ADAI77** **File {ddname} {add | increase | decrease | revoke | activate} request failed rc {cc/rsn}**

**Explanation** A request has failed to add a new ASSO or DATA data set, increase the size of the final ASSO or DATA data set, decrease the size of ASSO or DATA, or to revoke or activate a previous request. The DD name (*ddname*) of the data set, the return code (*cc*) and the reason code (*rsn*) are given in the message.

**Action:** If an add, increase or decrease request fails, the nucleus will continue running with the existing ASSO and DATA data sets and data set sizes. If a revoke or activate request fails, the nucleus will terminate abnormally (internal error).

**ADAI78** **File {ddname} {add | increase | decrease} request revoked**

**Explanation** A previous request has been revoked to add a new ASSO or DATA data set, increase the size of the final ASSO or DATA data set. or decrease the size of ASSO or DATA. An add, increase. or decrease request may be revoked if an error occurs after the request has been issued. The DD name (*ddname*) associated with the data set is given in the message.

The nucleus will continue running with the existing ASSO and DATA data sets and data set sizes.

**Action:** No action is required for this informational message.

**ADAI79** **Preparing to extend {ddname} by {nnnnn} {cylinders | blocks}**

**Explanation** This message appears during initialization of a request to extend the ASSO or DATA data set by the listed size (*nnnnn*). The space requested is provided either in cylinders or in blocks.

The DD name (*ddname*) associated with the final data set comprising the ASSO or DATA database component (containers) is given in the message.

**Action:** No action is required for this informational message.

**ADAI81** **Unable to complete increase of {ddname }– extent error**

**Explanation** When Adabas Cluster Services or Adabas Parallel Services is being used, a request to increase the size of ASSO or DATA in a peer nucleus has not been able to process the new extent information correctly.

This might occur if, for example, additional volumes have been added to the dataset since the nuclei were started.

**Action** If new volumes have been added to the dataset since the nuclei were started, the increase will not complete until all participating nuclei are recycled.

If the problem persists, contact your our support representative.

**ADAI83** **{ENQ | DEQ} failed for {DDPRINT | DDDRUCK} return code {nnnn} reason code {nnnn}**

**Explanation** An ENQ or DEQ failure occurred when writing a print line to DDPRINT or DDDRUCK.

**Action** Contact your technical support representative for assistance.

**ADAI84** **{Read from | Write to | Open | Close} {file} failed - {SYNAD exit driven | abend code {nnnnnnnn} | processing error | DCB not open after EOV | end of file after EOV | length error {nnnnnnnn} | end of volume error | backspace error {nnnnnnnn} | striped dataset not supported}**

**Explanation** A read, write, open, or close error has occurred during sequential dataset prtocessing.

If an attempt to write to DDPRINT or DDDRUCK has failed, the job will continue processing normally, but no further writes to DDPRINT or DDDRUCK will be attempted. A warning is given via a second message in this case:

```
All further writes to {DDPRINT | DDDRUCK} will be ignored
```

Note that if the Adabas nucleus issues this message for DDPRINT, Adabas shutdown statistics on DDPRINT will be lost.

**Action:** Investigate the cause of the error using the diagnostic information supplied in the message.

If the error resulted from a file full condition, consider increasing the size of the file for future Adabas nucleus or utility jobs.

If the cause of the error cannot be determined, contact your technical support representative.

**ADAI85** **Resource Manager page-free request successful**

**Explanation** A Resource Manager invoked during termination has successfully page-freed areas of page-fixed storage.

This message may appear at termination following an abnormal end or cancel request.

**Action:** No action is required for this informational message.

**ADAI86** **Resource Manager page-free request unsuccessful**
**Return code {nnnnnnnn} Reason code {nnnnnnnn}**

**Explanation** A Resource Manager invoked during termination has unsuccessfully attempted to page-free areas of page-fixed storage.

This message may appear at termination following an abnormal end or cancel request.

**Action:** Contact your technical support representative.

If a system abend occurred, ensure that the dump is available for problem diagnosis

**ADAI87** **Resource Manager input parameter invalid**

**Explanation** A Resource Manager invoked during termination was unable to attempt to page-free areas of page-fixed storage.

This message may appear at termination following an abnormal end or cancel request.

**Action:** Contact your technical support representative.

If a system abend occurred, ensure that the dump is available for problem diagnosis

**ADAI91** **Pause Element services initialized {for zIIP ⚜ for subtask {nnnnnnnn}}**

**Explanation** Event management using z/OS Pause Elements has been successfully initialized. This message is issued only when Adabas is running with ADARUN parameter ZIIP=YES.

**Action:** No action is required for this informational message.

**ADAI92** **Pause Element services terminated {normally ⚜ at abend ⚜ for zIIP ⚜ for subtask {nnnnnnnn} ⚜ by Resource Manager}**

**Explanation** Event management using z/OS Pause Elements has been successfully terminated. This message is only issued when Adabas is running with ADARUN parameter ZIIP=YES.

This message may appear at termination following an abnormal end or cancel request.

**Action:** No action is required for this informational message.

**ADAI93** **Pause Element {allocate ⚜ deallocate ⚜ pause ⚜ release} error code {ret code/rsn code}**

**Explanation** Event management using z/OS Pause Elements has returned an error. The unexpected return code (*ret code*) and reason (*rsn code*) are shown. This message is only issued when Adabas is running with ADARUN parameter ZIIP=YES.

This message may appear at termination following an abnormal end or cancel request.

**Action:** If this message appears at termination following an abnormal end or cancel request, no action is required.

In any other circumstances, save the JES log, DDPRINT output and any dump of the Adabas nucleus and Contact your technical support representative for assistance.

**ADAI94** **Storage allocation warning - descriptor {xxxx}**

**Explanation** A storage allocation request which might result in storage fragmentation has been detected. For example, a small amount of storage is being allocated on a page boundary.

Additional information on the length and type of storage being allocated is supplied on DDPRINT.

**Action:** This is an informational message only, but, if it appears, users are requested to pass details of the message to their technical support representative for further assistance.

**ADAI95** **Storage allocation error - identifier {xxxx} rc {nnnnnnnn}**

**Explanation** A storage allocation request has failed with reason code *nnnnnnnn*.

Additional information on the length and type of storage being allocated is supplied on DDPRINT.

Further error messages may appear or an abnormal end might occur as a consequence of the storage allocation failure.

**Action:** Users should review the message text and attempt to correct the condition, for example by providing more virtual storage for the job.

If the message persists, users should contact their technical support representative for further assistance.

# 26 ADAK* System Messages

These messages are issued by the Adabas CICS installation program (default name ADACIC0).

When CICS is started, the Adabas CICS installation program issues several informational messages (and, as appropriate, error messages) to the system console and/or to a CICS transient data queue (refer to the MACIOPT macro documentation for information on how to configure the message destination).

| | |
|---|---|
| **ADAK001** | **Message destination for program {xxxxxxxx}: TDQueue {qname}, DDNAME {ddname}**<br>**Message destination for program {xxxxxxxx}: Console** |
| **Explanation** | This message, written to the console, indicates the destination for ADAK* installation messages, issued by the Adabas CICS installation program 'xxxxxxxx', when configured to use a CICS transient data queue 'qname' using the IMSGDEST and IMQNAME parameters of the MACIOPT macro, as follows:<br>`MACIOPT ENTRY=GLOBAL,IMSGDEST=TDQ,IMQNAME=qname`<br>If the specified transient data queue is available, the ADAK001 message is issued indicating its use.<br>If the specified transient data queue is not available, the message destination will revert to the console and the ADAK001 message issued to reflect this.<br>The ADAK001 message is not issued when IMSGDEST=CONSOLE (the default) or IMSGDEST=BOTH. |
| **Action** | No action is required for this informational message. |

**ADAK002** **Installation program {xxxxxxxx} started, TrnID={tttt}, version {vrs}**

**Explanation** This message indicates the start of the Adabas CICS installation program 'xxxxxxxx' (default ADACIC0), the transaction ID 'tttt' under which it is executing, and its version 'vrs'.

**Action** No action is required for this informational message.

**ADAK004** **ACIOPT is LINKED/LOADED, with {nnn} Globals tables entries**
**Message destination IMSGDEST={destination}, IMQNAME={qname}**

**Explanation** This message indicates whether the ACIOPT load module (created using the MACIOPT macro) is linked to the Adabas CICS installation program identified in the previous ADAK002 message, or if the installation program had to dynamically load it. In addition, this message displays:

- The number 'nnn' of CICS environments to establish – derived from the number of Globals table entries defined using the GTNAME parameter of the MACIOPT macro.
- The destination of installation messages issued by the installation program - defined using the IMSGDEST and IMQNAME parameters of the MACIOPT macro.

**Action** No action is required for this informational message.

**ADAK006** **INQUIRE SYSTEM options for job {jobname}:**

**Explanation** This message displays some basic information regarding the CICS system for the current job 'jobname'.

| | |
|---|---|
| CICSTSLEVEL: *vvrrmm* | RELEASE: *nnnn* |
| SECURITYMGR: *xxxxxxxx* | DUMPING: *xxxxxxxx* |
| TRANISOLATE: *xxxxxxxx* | STOREPROTECT: *xxxxxxxx* |
| MESSAGECASE: *xxxxxxxx* | PROGAUTOINST: *xxxxxxxx* |
| INITSTATUS: *xxxxxxxx* | |

Refer to the CICS INQUIRE SYSTEM documentation for more information on these options.

**Action** No action is required for this informational message.

**ADAK010** **Processing Globals table: {gblname}**

**Explanation** This message indicates the start of processing for the globals table 'gblname' as defined using the GTNAME parameter of the MACIOPT macro.

**Action** No action is required for this informational message.

**ADAK012** **Globals table loaded, address: {hhhhhhhh}**

**Explanation** This message indicates that the globals table, previously identified by the ADAK010 message, has been successfully loaded at address 'hhhhhhhh'.

**Action** No action is required for this informational message.

**ADAK014** **Application Stub (STUB): ENTPT={stubname}**

**Explanation** This message identifies the name of the Application stub 'stubname' specified by the ENTPT parameter of the LGBLSET macro within the globals table previously identified by the ADAK010 message.

**Action** No action is required for this informational message.

**ADAK016** **Task Related User Exit (TRUE): TRUENM={truename}**

**Explanation** This message identifies the name of the Adabas TRUE 'truename' specified by the TRUENM parameter of the LGBLSET macro within the globals table previously identified by the ADAK010 message.

**Action** No action is required for this informational message.

**ADAK018** **Installing the TRUE**

**Explanation** This message indicates the Adabas TRUE, previously identified by the ADAK016 message, is being installed.

**Action** No action is required for this informational message.

**ADAK020** **Global Work Area (GWA) address: {hhhhhhhh}**

**Explanation** This message indicates that the Global Work Area for the Adabas TRUE, previously identified by the ADAK016 message, has been successfully established at address 'hhhhhhhh'.

**Action** No action is required for this informational message.

**ADAK022** **STUB module loaded, address: {hhhhhhhh}**

**Explanation** This message indicates that the Application stub module, previously identified by the ADAK014 message, has been successfully loaded at address 'hhhhhhhh'.

**Action** No action is required for this informational message.

**ADAK024** **Starting the TRUE**

**Explanation** This message indicates the Adabas TRUE, previously identified by the ADAK016 message, is being started.

**Action** No action is required for this informational message.

**ADAK026** **Initializing the STUB**

**Explanation** This message indicates the Application stub, previously identified by the ADAK014 message, is being initialized.

**Action** No action is required for this informational message.

**ADAK028** **STUB version {vrs}, ACINAMES v{nn}: GTNAME={gblname}, TRUENAME={truename}**

**Explanation** This message indicates the version 'vrs' of the Application stub previously identified by the ADAK014 message and the version 'nn' of the MACINS macro used to create the ACINAMES module linked to this application stub. The globals table 'gblname' and the Adabas TRUE 'truename' are those that are defined using the GTNAME and TRUENAME parameters of the MACINS macro.

**Action** This is an informational message but in the event of problems ensure the 'gblname' and 'truename' specified in this message are the same as in the previous ADAK010 and ADAK016 messages respectively.

**ADAK030** **STUB direct call interface address: {hhhhhhhh}**

**Explanation** This message indicates the address 'hhhhhhhh' of the Application stub's direct call interface.

**Action** No action is required for this informational message.

**ADAK032** **Initializing communication with Adabas SVCNO={nnn}**

**Explanation** This message indicates communication with the Adabas SVC number 'nnn' is being established. The SVC number is defined in the globals table, previously identified by the ADAK010 message, using the SVCNO parameter of the LGBLSET macro.

**Action** No action is required for this informational message.

**ADAK034** **ID table address: {hhhhhhhh}**

**Explanation** This message indicates the address 'hhhhhhhh' of the ID table corresponding to the Adabas SVC number previously identified by the ADAK032 message.

**Action** No action is required for this informational message.

**ADAK036** **Initializing COR-based Add-ons**

**Explanation** This message indicates the initializing of the COR-based Add-ons (for example, Adabas Fastpath, Adabas Vista, and Adabas Transaction Manager) and only occurs if the COR=YES parameter option of the LGBLSET macro is defined in the globals table previously identified by the ADAK010 message. See also message ADAK054.

**Action** No action is required for this informational message.

**ADAK038** **Default Database ID LOGID={nnnnn}**

**Explanation** This message indicates the default database ID defined in the globals table, previously identified by the ADAK010 message, using the LOGID parameter of the LGBLSET macro.

**Action** No action is required for this informational message.

**ADAK040** **UB type is TASK**

**Explanation** This message indicates that a UB type of TASK is defined in the globals table, previously identified by the ADAK010 message, using the UBTYPE parameter of the LGBLSET macro.

**Action** No action is required for this informational message.

**ADAK042** **Number of UB entries NUBS={nnnnn}, UB pool address: {hhhhhhhh}**

**Explanation** This message indicates that a UB type of POOL with 'nnnnn' UB entries is defined in the globals table, previously identified by the ADAK010 message, using the UBTYPE and NUBS parameters of the LGBLSET macro. The UB pool has been successfully allocated at address 'hhhhhhhh'.

**Action** No action is required for this informational message.

**ADAK044** **User exit 1: USERX1={xxx}, LX1NAME={xxxxxxxx}, address: {hhhhhhhh}**

**Explanation** This message indicates whether the use of a user exit 1 is defined in the globals table, previously identified by the ADAK010 message, using the USERX1 and LX1NAME parameters of the LGBLSET macro. If the user exit is linked to the globals table, its address is displayed by 'hhhhhhhh'.

**Action** No action is required for this informational message.

**ADAK046** **User exit 2: USERX2={xxx}, LX2NAME={xxxxxxxx}, address: {hhhhhhhh}**

**Explanation** This message indicates whether the use of a user exit 2 is defined in the globals table, previously identified by the ADAK010 message, using the USERX2 and LX2NAME parameters of the LGBLSET macro. If the user exit is linked to the globals table, its address is displayed by 'hhhhhhhh'.

**Action** No action is required for this informational message.

**ADAK048** **REVIEW={xxx}, AUDIT={xxx}, RVCLNT={xxx}, REVHID={nnnnn}**

**Explanation** This message indicates the values for the specified parameters defined in the globals table previously identified by the ADAK010 message.

**Action** No action is required for this informational message.

**ADAK050** **REVEXIT1: {hhhhhhhh}, REVEXIT2: {hhhhhhhh}, version {vrs}**

**Explanation** This message indicates the address 'hhhhhhhh' of any REVIEW exit1 and/or exit2 linked to the globals table previously identified by the ADAK010 message. If present, the version 'vrs' of the exit is displayed.

If AUDIT=YES (see previous ADAK048 message), the addresses and version will be displayed as 'n/a'.

**Action** No action is required for this informational message.

**ADAK052** **EABEXIT1: {hhhhhhhh}, EABEXIT2: {hhhhhhhh}, version {vrs}**

**Explanation** This message indicates the address 'hhhhhhhh' of any AUDIT exit1 and/or exit2 linked to the globals table previously identified by the ADAK010 message. If present, the version 'vrs' of the exit is displayed.

If AUDIT=NO (see previous ADAK048 message), the addresses and version will be displayed as 'n/a'.

**Action** No action is required for this informational message.

**ADAK054** **System Coordinator: COR={xxx}, address: {hhhhhhhh}, version {vrs}**

**Explanation** This message indicates whether the use of the System Coordinator (COR) is defined in the globals table previously identified by the ADAK010 message. If the COR stub CORS03 is linked to the globals table, its address is displayed by 'hhhhhhhh' and its version by 'vrs'.

**Action** No action is required for this informational message.

**ADAK056** **DBID/SVC Routing: DYNDBSVC={xxx}, DBSVCTN={xxxxxxxx}, address: {hhhhhhhh}**

**Explanation** This message indicates whether the use of a DBID/SVC routing table is defined in the globals table, previously identified by the ADAK010 message, using the DYNDBSVC and DBSVCTN parameters of the LGBLSET macro. If the routing table is linked to the globals table, its address is displayed by 'hhhhhhhh'.

**Action** No action is required for this informational message.

**ADAK058** **Adabas security interface SAF={xxx}**

**Explanation** This message indicates whether the use of the Adabas security interface is defined in the globals table previously identified by the ADAK010 message.

**Action** No action is required for this informational message.

**ADAK060** **Resource manager interface RMI={xxx}**

**Explanation** This message indicates whether the use of the Resource manager interface is defined in the globals table previously identified by the ADAK010 message.

**Action** No action is required for this informational message.

**ADAK062** **ADABAS Bridge for VSAM (AVB) in use**

**Explanation** This message indicates whether the use of the Adabas VSAM Bridge is defined in the globals table previously identified by the ADAK010 message.

**Action** No action is required for this informational message.

**ADAK064** **ATM inactive; RESYNC deferred**

**Explanation** This message is only applicable when the globals table previously identified by the ADAK010 message is defined with RMI=YES and COR=YES, and the Adabas Transaction Manager is installed. The resynchronization process automatically performed by the Adabas CICS installation process has recognized that the Adabas Transaction Manager is not currently active.

**Action** No action is required for this informational message since resynchronization will automatically occur when the Adabas Transaction Manager is restarted. However, we strongly recommend that the Adabas Transaction Manager is active when CICS systems are started.

**ADAK066** **RESYNC command issued**

**Explanation** This message is only applicable when the globals table previously identified by the ADAK010 message is defined with RMI=YES and COR=YES, and the Adabas Transaction Manager is installed and active. The resynchronization process automatically performed by the Adabas CICS installation process has been initiated.

**Action** No action is required for this informational message.

**ADAK068** **End of processing Globals table: {gblname}**

**Explanation** This message indicates the end of processing for the globals table ‘gblname’.

**Action** No action is required for this informational message.

**ADAK080** **{xxx} of {yyy} Globals table entries installed successfully by {xxxxxxxx}**

**Explanation** This message indicates the end of processing for the Adabas CICS installation program 'xxxxxxxx'. The number of successfully installed CICS environments 'xxx' and the number of installations attempted 'yyy' is displayed.

**Action** No action is required for this informational message but if 'xxx' is not equal to 'yyy' then refer to previous ADAK* messages for an indication of why an installation may have failed.

**ADAK081** **EIBRESP: {hhhhhhhh} EIBRESP2: {hhhhhhhh} EIBRCODE: {hhhhhhhhhhhh}**

**Explanation** This is a generic message issued whenever the execution of a CICS API function fails. The values displayed are those returned to the Adabas CICS Installation program at the time of failure. This ADAK081 message will be immediately preceded by another ADAK* message indicating the failed CICS API function.

**Action** Refer to the ADAK* message preceding the ADAK081 message and, if necessary, refer to CICS documentation for an explanation of the values in the ADAK081 message to determine the reason for the failure.

**ADAK082** **INQUIRE SYSTEM failed, error: {error-text}**

**Explanation** This message indicates a failure of EXEC CICS INQUIRE SYSTEM.

**Action** Refer to the error text in the message, and, if necessary, use the relevant CICS documentation to interpret the error values reported in the subsequent ADAK081 message to determine the reason for the failure.

**ADAK083** **ASSIGN failed, error: {error-text}**

**Explanation** This message indicates a failure of EXEC CICS ASSIGN.

**Action** Refer to the error text in the message, and, if necessary, use the relevant CICS documentation to interpret the error values reported in the subsequent ADAK081 message to determine the reason for the failure.

**ADAK084** **LOAD of installation options table ACIOPT failed.**

**Explanation** This message indicates a failure of EXEC CICS LOAD to dynamically load the installation options table ACIOPT.

**Action** Check the DFHRPL concatenated libraries to ensure that the ACIOPT module is available to the CICS region. If necessary, use the relevant CICS documentation to interpret the error values reported in the subsequent ADAK081 message to determine the reason for the failure.

**ADAK085** **Adabas installations options table name ACIOPT is invalid.**

**Explanation** This message indicates that the ACIOPT module loaded is not recognizable.

**Action** Ensure there is only one ACIOPT module in the DFHRPL concatenation libraries and that it is created from the MACIOPT macro.

**ADAK086** **Load of link globals table {xxxxxxxx} failed.**

**Explanation** This message indicates a failure of EXEC CICS LOAD to dynamically load the globals table 'xxxxxxxx'.

**Action** Check the DFHRPL concatenated libraries to ensure that the module 'xxxxxxxx' is available to the CICS region. If necessary, use the relevant CICS documentation to interpret the error values reported in the subsequent ADAK081 message to determine the reason for the failure.

**ADAK087** **GETMAIN for UB-pool of length {hhhhhhhh} failed {error-text}**

**Explanation** This message indicates a failure of EXEC CICS GETMAIN to allocate a UB-pool of length 'hhhhhhhh'.

**Action** Refer to the error text in the message and ensure the number of UB entries defined in the globals table, previously identified by the ADAK010 message, using the NUBS parameter of the LGBLSET macro is correct. If necessary, use the relevant CICS documentation to interpret the error values reported in the subsequent ADAK081 message to determine the reason for the failure.

**ADAK088** **ADATRUE extract GWA failed.**

**Explanation** This message indicates a failure of EXEC CICS EXTRACT EXIT to return the address of the Global Work Area associated with the Adabas TRUE previously identified by the ADAK016 message.

**Action** Use the relevant CICS documentation to interpret the error values reported in the subsequent ADAK081 message to determine the reason for the failure.

**ADAK089** **LOAD of STUB module failed, error: {error-text}**

**Explanation** This message indicates a failure of EXEC CICS LOAD to dynamically load the Application stub.

**Action** Refer to the error text in the message and check the DFHRPL concatenated libraries to ensure that the Application stub module previously identified by the ADAK014 message is available to the CICS region. If necessary, use the relevant CICS documentation to interpret the error values reported in the subsequent ADAK081 message to determine the reason for the failure.

**ADAK090** **LOAD of DBID/SVC table {xxxxxxxx} failed.**

**Explanation** This message indicates a failure of EXEC CICS LOAD to dynamically load the DBID/SVC routing table 'xxxxxxxx' .

**Action** Check the DFHRPL concatenated libraries to ensure that the DBID/SVC routing table 'xxxxxxxx' is available to the CICS region. If necessary, use the relevant CICS documentation to interpret the error values reported in the subsequent ADAK081 message to determine ethe reason for the failure.

**ADAK091** **TRUE Install/Start failed, error: {error-text}**

**Explanation** This message indicates a failure of EXEC CICS ENABLE PROGRAM(truename) to 'Install' or 'Start' the Adabas TRUE previously identified by the ADAK016 message.

**Action** Refer to the error text in the message, and, if necessary, use the relevant CICS documentation to interpret the error values reported in the subsequent ADAK081 message to determine the reason for the failure.

**ADAK092** **STUB initialization call failed, error: {error-text} RSP: {rsp} SRSP: {subrsp}**

**Explanation** This message indicates a failure to initialize the Application stub previously identified by the ADAK014 message.

**Action** Refer to the error text, response code and sub-code in the message, and, if necessary, use the relevant CICS documentation to interpret the error values reported in the subsequent ADAK081 message to determine the reason for the failure.

**ADAK093** **Unable to establish ID table address, RSP: {rsp} SRSP: {subrsp}**

**Explanation** This message indicates a failure to establish the address of the Adabas ID table.

**Action** Check the Adabas SVC number in the globals table, previously identified by the ADAK010 message, which is defined using the SVCNO parameter of the LGBLSET macro.

**ADAK094** **Unable to establish STUB direct call interface.**

**Explanation** This message indicates a failure to establish the address of the Application stub's direct call interface.

**Action** Ensure the Application stub, previously identified by the ADAK014 message, is correct.

**ADAK095** **LINK to RESYNC program ATMRMIRS failed.**

**Explanation** This message indicates a failure of EXEC CICS LINK to call the RESYNC program ATMRMIRS.

**Action** Use the relevant CICS documentation to interpret the error values reported in the subsequent ADAK081 message to determine the reason for the failure.

**ADAK096** **RESYNC program ATMRMIRS failed RMIRRSP: {hhhhhhhh} RRMIRRC: {hhhhhhhh}**

**Explanation** This message indicates the call to the RESYNC program ATMRMIRS returned with an error.

**Action** Refer to the response code and return code in the message and, if necessary, contact our support.

**ADAK097** **{xxxxxxxx} successfully uninstalled.**

**Explanation** After an installation failure, this message indicates program 'xxxxxxxx' was successfully uninstalled.

**Action** No action is required for this informational message. Refer to previous ADAK* messages for the reason the installation failed.

**ADAK098** **FREEMAIN for UB-pool failed.**

**Explanation** After an installation failure, this message indicates that the attempt to EXEC CICS FREEMAIN the previously allocated UB-pool failed.

**Action** Refer to previous ADAK* messages for the reason the installation failed and use the relevant CICS documentation to interpret the error values reported in the subsequent ADAK081 message to determine the reason for the failure.

**ADAK099** **INQUIRE on TD queue {xxxx} failed.**

**Explanation** This message indicates a failure of EXEC CICS INQUIRE TDQUEUE(xxxx) when checking for the availability of the specified queue name 'xxxx' when configured in the Adabas installation options table ACIOPT using the IMSGDEST and IMQNAME parameters of the MACIOPT macro.

**Action** Use the relevant CICS documentation to interpret the error values reported in the subsequent ADAK081 message to determine the reason for the failure.

# 27 ADAL* - Command Log (CLOG) System Messages

**Note:** Each of the messages in this section starts with the relevant database ID.

**ADAL01** **CLOG not active**

**Explanation** The command log is sequential, and the DDLOG data set was either set to "dummy" or could not be opened. Command logging is switched off.

**ADAL02** **CLOGR{n} is active**

**Explanation** The specified command log for dual or multiple command logging is now active.

**ADAL03** **Command log DDCLOGR{n} has started**

**Explanation** Command logging has switched to data set DDCLOGRn .

**ADAL04** **Warning : now it is too late to copy DDCLOGR{n}**
**FROMBLK=blk1, FROMTIME=timestamp1**
**TOBLK =blk2, TOTIME=timestamp2**
**00199 IOR function = {fx}, response = X'{nn}'**
**00199 ERROR obtaining timestamp information**

**Explanation** The specified dual or multiple command logging data set is being overwritten with new log data, and is no longer valid. Normally, the from and to blocks and the from and to timestamps being overwritten are given in the message. However if there was a problem obtaining this block and timeout information, the 00199 messages listed above may be issued.

**ADAL05** **I/O error on DDCLOGR{n}. Command logging terminated**

**Explanation** Command logging to data set DDCLOGRn was terminated by an I/O error .

**ADAL06** **Command log is not available**

**Explanation** None of the dual or multiple command logging data sets was available (presently being copied by ADARES) . Command logging is switched off.

**ADAL07** **Command long could not be opened**

**Explanation** An invalid command logging device or size was specified, or an I/O error on either the first or last block was detected. Command logging is switched off.

**ADAL08** **Command log is already in use**

**Explanation** In a cluster nucleus, a second nucleus has been started with the same CLOG file name as one of the other nuclei in the cluster.

**Action** Check the CLOG file names used in the cluster and allocate another CLOG file to one nucleus in the cluster to correct the duplication.

**ADAL09** **{dbid date time} CLOG PPT ENQ or DEQ failure**

**Explanation** An attempt to lock (ENQ) or unlock (DEQ) the Parallel Participant Table (PPT) against concurrent updates has failed. A preceding ADAN54 message describes details of the error. If the error occurred during an ENQ operation, the CLOG entries in the PPT were not updated.

**Action** Try to determine the cause of the ENQ/DEQ failure and to resolve it. Run ADAREP and check in the PPT section of the database report whether the CLOG datasets are correctly recorded in the PPT. If necessary, contact your technical support representative for assistance.

**ADAL10** **PPT error {nn} processing CLOG**

**Explanation** An error occurred while processing the parallel participant table (PPT). The nucleus stays up, but command logging is disabled.

**Action** Collect diagnostic information such as that provided by the ADACHK PPTPRINT function. Provide the error number (*nn*) and the PPTPRINT to your Software AG technical support representative. It may be necessary to format the PPT and restart the nuclei in order to rebuild the PPT.

**ADAL11** **Warning - CLOG datasets have changed. PPT overwritten.**
**Use ADARES MERGE CLOG to copy previous CLOG datasets.**

**Explanation** Either the CLOG data sets are different from what was specified in the last session or no CLOGs are specified but the previous CLOGs were not copied. The PPT information about these data sets is being overwritten.

**Action** If the contents of the CLOGs are still needed, they must be copied with the CLCOPY function and then merged manually. If the contents are not needed, no action is required.

**ADAL12** **{date} {time} CLOGMRG=YES not valid. CLOGMRG not in effect.**

**Explanation** This message is generated if an attempt is made to initialize a non-plex/ASM nucleus (NUCID=0) with CLOGMRG=YES specified. This is an informational message only and the nucleus will come up. CLOGMRG=YES should only be specified if NUCID is greater than 0.

**Action** No action is required for this informational message.

**ADAL13** **{dbid} {yyyy-mm-tt ss:mm:ss} REACTLOG not allowed**

**Explanation** An ADADBS REACTLOG request is not allowed. If there are no outstanding I/Os for the command logs, then the request to reactive the log is not allowed. The database ID associated with the command log (*dbid*) and the date and time stamp are given in the message.

**Action** Try again when there are outstanding I/Os for the command logs.

**ADAL14** **{dbid} {yyyy-mm-tt ss:mm:ss} REACTLOG successful!**

**Explanation** A request to reactivate command logging was successful. The database ID associated with the command log (*dbid*) and the date and time stamp are given in the message.

**Action** No action is required for this informational message.

**ADAL15** **{dbid} {yyyy-mm-tt ss:mm:ss} REACTLOG failed!**

**Explanation** A request to reactivate command logging failed. This message should be preceded by another error message describing the reason for the failure. The database ID associated with the command log (*dbid*) and the date and time stamp are given in the message.

**Action** Review the other messages to resolve the problem and try again. If the problem persists, contact your technical support representative for assistance.

**ADAL16** **{dbid} {yyyy-mm-tt ss:mm:ss} Getmain failure**

**Explanation** A request for storage failed. Command logging is halted. The database ID associated with the command log (*dbid*) and the date and time stamp are given in the message.

**Action** Contact your technical support representative for assistance.

**ADAL1A** **{dbid} Validating rule set {alias-name/orig-name} from {date time}**

**Explanation** The feature for filtering out selected user exit 4 calls was activated. The rule set identified by *alias-name* (the name of the load module) and *orig-name* (the name given in the load module itself) from the given *date* and *time* (given in the module) is about to be validated.

**Action** No action is required for this informational message.

**ADAL1B** **{dbid} Rule set validation successful; rule set is active**

**Explanation** The rule set referred to in the preceding ADAL1A message is valid and has been activated.

**Action** No action is required for this informational message.

**ADAL1C** **{dbid} Loading rule set {module-name} failed**
**IOR response code {rc} Reason code {rsn-code}**

**Explanation** The feature for filtering out selected user exit 4 calls was activated. The rule set identified by the *name* (or alias) of its load *module* could not be loaded. The IOR response code (*rc*) and reason code (*rsn-code*) are given.

**Action** Determine why loading the rule set module failed (e.g., incorrect name specified or load module missing in the //RULELIB library). Once a correct load module is provided under the specified name, issue the RULEREFRESH operator command to retry loading it.

**ADAL1D** **{dbid} Rule set {alias-name/orig-name} deactivated**

**Explanation** The rule set identified by *alias-name* (the name of the load module) and *orig-name* (the name given in the load module itself) has been deactivated due to an error reported in a preceding ADAL1E message. The rule set that has been in effect previously, if any, remains in effect.

**Action** Correct the rule set and retry its activation using the RULEREFRESH operator command.

**ADAL1E** **{dbid} Error {#nn} in rule set at offset {xxxxxxxx}**

**Explanation** The rule set is invalid. An error indicator (*#nn*) and the hexadecimal offset within the rule set module (*xxxxxxxx*) are given. The error indicators mean:

| | |
|---|---|
| 01 | The offset of the module end is incorrect. |
| 02 | The offset of the literals section within the module is incorrect. |
| 03 | The offset of the custom fields section within the module is incorrect. |
| 04 | The offset of the rules section within the module is incorrect. |
| 06 | The flags to which user exit the rule set applies are incorrect. |
| 07 | Reserved areas within the module are not reset. |
| 08 | The action code in a rule is invalid. |
| 09 | The operator code in a rule is invalid. |
| 10 | The structure indicator in a rule is invalid. |
| 11 | An offset into the literals section within the module is invalid. |
| 12 | An offset into the CQX structure is invalid. |
| 13 | An offset into the ACBX structure is invalid. |
| 14 | An offset into the LORECX structure is invalid. |

**Action** Correct the error in the rule set.

**ADAL1F** **{dbid} Rule set validation failed**

**Explanation** The rule set is invalid. This message concludes one or more ADAL1E messages detailing the errors found in the rule set.

**Action** Correct the rule set.

**ADAL1G** **{dbid} The previous rule set is still in effect**

**Explanation** This message occurs after ADAL1F if a new rule set could not be activated (because it was invalid) while an existing rule set was in effect. The existing rule set remains in effect.

**Action** Correct the new rule set and retry its activation using the RULEREFRESH operator command.

# 28 ADAM* -- ADAMPM System Messages

**ADAM75** **SVCDUMP busy**

**Explanation** A request to write an SVC dump has failed due to a busy condition. This indicatest that the system service is active processing another SVC dump request. If the busy condition is returned from the first attempt to write to SVCDUMP. the following message is issued:

```
ADAM75  SVCDUMP busy - retry ever 05 sec for 15 min
```

In this case, the SVC dump requrest will be retried as indicated in the message.

If the busy condition persists for the maximum time permitted, the following messages are issued and no further retries are attempted:

```
ADAM75  SVCDUMP busy - dump not written
ADAM78 SVCDUMP SDUMP FAILED RC rc/sc
```

Dump processing then continues as if the SVCDUMP DD statement had not been specified.

**Action** No action is required for this informational message.

**ADAM76** **Communicator unusable, remote access not possible**

**Explanation** This message usually follows message **ADAM98**. The Communicator or Entire Net-Work cannot receive the initialization feed call. This extra message warns the operator that there is something wrong with the communicator. The database will start normally. If the MPM node is a translator or communicator, this node will go down.

**Action** Do not restart the database until the problems in the Communicator or Entire Net-Work have been resolved.

The operator command NWCONNECT may be used to retry establishing the Entire Net-Work DBID target. This command is not available if Adabas Cluster Services or Adabas Parallel Services is being used.

**ADAM77** **SVCDUMP ignored - not authorized**

**Explanation** An SVC dump (`//SVCDUMP DD`) was attempted, but the job is *not* running with APF authorization. APF authorization is required for an SVC dump.

Dump processing continues as if the SVCDUMP DD statement had not been specified.

**Action** No action is required for this information message.

**ADAM78** **SVCDUMP {SDUMP|TDUMP} failed RC{ rc/rsn}**

**Explanation** The SVC dump failed. The return code (*rc*) and reason code (*rsn*) from the IBM SDUMP macro or IBM IEATDUMP macro are given in the message.

**Action** No action is required for this information message.

**ADAM79** **SVCDUMP {SDUMP|TDUMP} written RC {rc/rsn}**

**Explanation** The SVC dump was written. The return code (*rc*) and reason code (*rsn*) from the IBM SDUMP macro or IBM IEATDUMP macro are given in the message or are suppressed if the return code is zero.

**Action** No action is required for this information message.

**ADAM90** **{dbid} Adabas subtask abend code {code} PSW {password} {reg0} {reg1} {reg2} {reg3} (R0-R3) {reg4 reg5 reg6 reg7} (R4-R7){ reg8 reg9 reg10 reg11} (R8-RB) {reg12 reg13 reg14 reg15} (RC-RF)**

**Explanation** An Adabas subtask abend occurred. The abend code, password, and register information is in the same format as the ADAM99 message.

The subtask terminates with Adabas user abend 252.

**ADAM91** **{dbid} {target} user gone**
**job {job-name} user ID {hex-user-id}**

**Explanation** Adabas tried to process a user call, but the addressed data area was not addressable, or no longer contained recognizable data. This message occurred while Adabas was receiving the command (router 08-CALL processing).

The program was apparently canceled after issuing an Adabas command (router 04-CALL), perhaps due to a communication delay or timeout.

**Action:** Avoid ending, abending, or cancelling the program, if possible.

**ADAM92** **{dbid} {target} user gone job {job-name} user ID {hex-user-id}**

**Explanation** Adabas tried to process a user call, but the addressed data area was not addressable, or no longer contained recognizable data. This message occurred while Adabas was posting the user after command completion (router 12-CALL processing).

The program was apparently canceled after issuing an Adabas command (router 04-CALL), perhaps due to a communication delay or timeout.

**Action:** Avoid ending, abending, or cancelling the program, if possible.

**ADAM93** **{dbid} {target} User gone**
**job {job-name} user ID {hex-user-id}**

**Explanation** The user's program exceeded the ADARUN CT time allowed without receiving the results of an Adabas call (performing router 16-CALL processing). This could be caused by processing delays caused by an overloaded system or network, low priority, or teleprocessing delays.

Adabas assumes that the user program has been canceled; Adabas frees the command queue element (CQE) and alternate buffers. If a user program eventually issues a router 16-CALL, a response code 254 (ADARSP254) also occurs.

**Action:** Consider increasing the ADARUN CT time, or otherwise increase the resources for the user program. Avoid cancelling or ending the user program, if this was done.

**ADAM97** **{dbid} Terminating, no longer accepting commands**

**Explanation** The database identified in the message is terminating and no longer accepting commands.

**Action:** No action is necessary for this informational message.

**ADAM98** **{dbid} Target initialization error: {cause}**

**Explanation** ADAMPM was unable to establish interregion communication for the reason specified in the message (*cause*), which is one of the following:

| Cause | Action |
|---|---|
| Communicator response code *rsp* | An unexpected response code resulted from the sign-on call to the Entire Net-Work communicator. This message can also occur when Entire Net-Work installation has not completed for some reason.<br><br>Refer to the Entire Net-Work documentation for a description of the response code *rsp*. |
| CQ/AB incorrect key | The service's CQ and AB pool were not acquired with the correct attributes. Verify that the execution libraries are correct. If you are unable to resolve the error, contact your our support representative. |

| Cause | Action |
|---|---|
| CQ/AB keys incompatible | The service's CQ and AB pool were not acquired with the correct attributes. Verify that the execution libraries are correct. If you are unable to resolve the error, contact your our support representative. |
| DUP ID on node *node-id* | In Entire Net-Work, target (database) IDs must be unique across all connected systems. Duplicate target IDs cannot be active on systems connected with Entire Net-Work.<br><br>Determine the conflicting targets having the specified node ID, and choose which is to be active under the specified ID. |
| DUPL. COMMUNIC./TRANSL. | Only one communicator/translator can be active at any one time.<br><br>Correct the problem and rerun the job. |
| Duplicate target ID (DBID) | The ID table already contains an active entry for the target ID (database ID) specified. Multiple targets with the same ID are not allowed.<br><br>Choose which of the two targets should be active and if necessary, end the currently active target, and restart the job for the other target.<br><br>Do not specify the FORCE=YES ADARUN parameter unless it is absolutely certain that the ID table entry now active was left behind by a target that is no longer valid. If this problem continues, retain all related information and contact the our support representative. |
| ID table full | The system already holds the maximum allowed number of ID table entities that can be simultaneously active: databases, Entire Net-Work nodes, Entire System Server (Natural Process) nuclei, etc. This maximum is set during ID table initialization; the default is 10.<br><br>Either terminate one of the active targets and restart the job, or end all active targets and reinitialize the ID table with a larger size (using ADASIP or by re-IPLing the system). |
| Incompatible SVC version | ADASVC must be at the same or later release as ADAMPM. Verify that the SVC and the execution libraries are correct. |
| Internal error | Keep all dumps, messages, and other related information and contact your our support representative. |
| Invalid ID (DA parm) | Specify a TARGETID or DATABASE parameter value in the range 1 - 65535. |
| Length IUB (LU parm) | Specify an LU parameter value in the range 1 - 65535. |

| Cause | Action |
|---|---|
| No common memory CQ/AB | The necessary common storage space for the command queue (CQ) and/or the attached buffer pool is not available.<br><br>Either specify a smaller buffer requirement if possible, or re-IPL the system to free lost common storage. |
| No ID table | The ID table was not correctly initialized by ADASIP and/or ADASIR.<br><br>Rerun ADASIP and/or ADASIR to correctly initialize the ID table. |
| Number ATTBUFS (NA-parm) | The attached buffer count (NA parameter in ADARUN) was either not specified or specified as zero, or the requested space is unavailable.<br><br>Either correct the parameter or increase the region size. Restart the job. |
| Number CQES (NC parm) | Specify an NC parameter value in the range 1 - 32767. |

**ADAM99** **{dbid} ADABAS ABEND CODE {code} {error-environment-information}**

**Explanation** The nucleus ended abnormally. This is the result of an error detected by Adabas (user abend code) or by the operating system (system abend code). All abend code values are given in hexadecimal notation.

The first four bytes of the abend code are in the form *xxsssuuu*. The system abend code is specified by *sss* and the user abend code (the Adabas nucleus abend code) by *uuu*. Some system abend codes also provide a four-byte reason code. System abend and reason codes are documented in *z/OS MVS System Codes*. Adabas nucleus abend codes are described elsewhere in this documentation.

Additional *error environment information* follows the abend code in the message text, in the following order:

- PSW: The eight-byte program status word. The rightmost four bytes are the instruction address at the time of the abend.
- EC Info: Eight bytes of additional z/OS extended control mode information, such as the instruction length code, the interrupt code, and the virtual address causing a translation exception. Refer to the IBM documentation for SDWA fields SDWAAEC1 and SDWATRAN for more details.
- R0 - R15: Contents of the general purpose registers. Each register is either four or eight bytes, depending on whether the hardware and operating system support eight-byte registers.
- AR0 - AR15: Contents of the access registers.

- The load addresses of various nucleus modules and user exits.

The following is an example of an ADAM99 message produced when a z/OS nucleus was canceled:

```
ADAM99 00226 ADABAS   Abend code 40222000 00000000
078D1000 8001EC02 00020001 00000000 (PSW, EC Info)
00000000_00000001 00000000_FFFBC5F8 (R0-R1)
00000000_00043A08 00000000_001651A0 (R2-R3)
00000000_00000000 00000000_00009C9A (R4-R5)
00000000_246FA940 00000000_0014D6EC (R6-R7)
00000000_0014D6EC 00000000_0005A988 (R8-R9)
00000000_0001EBA8 00000000_00056000 (R10-R11)
00000000_800109E0 00000000_000129D0 (R12-R13)
00000000_8001EBD4 00000000_808D6C68 (R14-R15)
00000000 00000000 00000000 00000000 (AR0-AR3)
00000000 00000000 00000000 00000000 (AR4-AR7)
00000000 00000000 00000000 00000000 (AR8-AR11)
00000000 00000000 00000000 00000000 (AR12-AR15)

 ADARUN 00007A60 ADALNK 800456C0 ADAMOD 80044100 ADAMIM 80054000
 ADARVU 8004CEB8 ADACLX 80051000 ADARMT 80053100 ADAMSG 8004A000
 ADAIOR 800109E0 ADAIOS 80015A18 ADANC0 00055000 ADANC1 0005A800
 ADANC2 00068000 ADANC3 0008C400 ADANC4 000A0800 ADANC5 000B4400
 ADANC6 000C7800 ADANC7 000DBC00 ADANC8 000F4400 ADANC9 0010B000
 ADANCA 00113400 ADANCB 00123000 ADANCC 00127D00 ADALOG 00135998
 ADAMPM 8013C430 ADARAC 8013FF30 ADAMGR 801464F8 ADAMGI 8014AF00 ↩
```

**Action:** Refer to your Adabas documentation for a description of a nucleus user abend, or to the appropriate operating system documentation for a description of the system abend.

**ADAML1** **Percentage of PREFTBL used {pct}**
**Number of calls to ADAMLF {callcount}**
**Number of cmds to ADABAS {cmdcount1}**
**Number of cmds returned from ADAMLF {cmdcount2}**
**Number of over reads {count}**

**Explanation** ADAML1 messages list statistics that are printed when a CL command is issued and the ADARUN PREFETCH and PREFSTDD parameters are set. The following table describes each message.

| Message | Description |
|---|---|
| Percentage of PREFTBL used *pct* | The percentage of the ADARUN parameter PREFSTBL used for this execution. |
| Number of calls to ADAMLF *callcount* | The number of times that ADAMLF was entered. |
| Number of cmds to ADABAS *cmdcount1* | The total number of commands that were passed to Adabas for this execution. |
| Number of cmds returned from ADAMLF *cmdcount2* | The number of commands that were returned from the ADAMLF buffers. |
| Number of over reads *count* | The number of records that were prefetched that were not passed back to the caller. |

**Action** No action is required for these informational messages.

# 29 ADAQ* - Adabas Review Hub Messages

ADAQ*nn* messages are received from the Adabas Review hub.

**Note:** Each of the messages in this section starts with the relevant database ID.

| | |
|---|---|
| **ADAQ89** | **{dbid} POSSIBLE CONFLICT BETWEEN REVIEW HUB AND UEX4. RAOSEXIT DISABLED** |
| **Explanation** | The Adabas Review hub was enabled by specifying a hub ID on the ADARUN `REVIEW` parameter. The ADARUN `UEX4` parameter was also specified and the user exit 4 module was identified as RAOSEXIT, an Adabas Review user exit that is not compatible with the Adabas Review hub. The Adabas nucleus completes its initialization but no calls to user exit 4 are performed by ADALOG. |
| **Action** | If the `UEX4` parameter is left over from a previous conversion, remove the parameter. Otherwise, supply the correct user exit 4 module name. |

| | |
|---|---|
| **ADAQ90** | **{dbid} REVIEW HUB INACCESSIBLE BECAUSE REVIEW HUB ID WAS NOT SPECIFIED** |
| **Explanation** | The value specified for the Adabas Review hub was invalid. The Adabas nucleus completes its initialization but no calls are made to the Adabas Review hub. |
| **Action** | Specify the correct Adabas Review hub ID value and restart the nucleus. |

| | |
|---|---|
| **ADAQ91** | **{dbid module-name} MONITORING SYSTEM INITIALIZATION FAILED. SEE ERROR MESSAGES** |
| **Explanation** | The specified monitoring system component returned a nonzero status. Any failure of this sort should be accompanied by error messages displayed by the monitoring system. The Adabas nucleus completes its initialization but no calls are made to the monitoring system. |
| **Action** | Check the monitoring system error messages, correct the cause of the error, and restart the nucleus. |

**ADAQ92** **{dbid module-name} MONITORING SYSTEM WAS NOT LOADED. CONTACT YOUR VENDOR**

**Explanation** The specified monitoring system component could not be loaded. It is possible that the load library containing the expected module was not specified in the nucleus' job stream. The Adabas nucleus completes its initialization but no calls are made to the monitoring system.

**Action** Correct the cause of the error and restart the nucleus.

**ADAQ93** **{dbid module-name} MONITORING MAY BE INCOMPLETE BECAUSE ADALOG IS NOT LOADED.**

**Explanation** The command logging module ADALOG was not loaded. The monitoring system will not be able to process any command log records. The Adabas nucleus completes its initialization but no calls are made to the monitoring system.

**Action** Correct the cause of the error and restart the nucleus

**ADAQ94** **{dbid module-name} IS AN INCORRECT VERSION LEVEL. CONTACT YOUR VENDOR**

**Explanation** The specified module is at an incorrect version level and cannot be used with this version and/or SM-level of Adabas. The Adabas nucleus completes its initialization but no calls are made to the monitoring system.

**Action** Contact your monitoring system vendor to determine if the correct module is being used or supplied.

**ADAQ95** **{dbid module-name} DOES NOT HAVE THE CORRECT PIM. CONTACT YOUR VENDOR**

**Explanation** The specified module is incompatible with this version and/or SM-level of Adabas. The Adabas nucleus completes its initialization but no calls are made to the monitoring system.

**Action** Contact your monitoring system vendor to determine if the correct module is being used or supplied.

**ADAQ96** **{dbid module-name} CANNOT MONITOR IOR CALLS AT THIS TIME. UNUSUAL ERROR**

**Explanation** Adabas cannot give control to the specified monitoring system module for purposes of monitoring I/O activity. The Adabas system-dependent interface module was not properly loaded. The Adabas nucleus completes its initialization but no calls are made to the monitoring system.

**Action** Note the error message number and module name and call your Software GmbH technical support for assistance.

**ADAQ99** **{dbid} REVIEW HUB ID EQUAL TO ADABAS DBID IS NOT PERMITTED. REVIEW HUB INACCESSIBLE**

**Explanation** The specified Adabas Review hub ID value is identical to the value specified for the `DBID` parameter. The Adabas Review hub cannot have the same target ID as that of the Adabas nucleus. The Adabas nucleus completes its initialization but no calls are made to Adabas Review.

**Action** Correct the hub ID value on the `REVIEW` parameter and restart the nucleus.

# 30 ADAR* System Messages

All ADAR*nn* messages are written to the operator console.

**ADAR10** **Logic error at {module+offset} R0={reg0} R1={reg1} R2={reg2} R3={reg3} R4={reg4} R5={reg5} R6={reg6} R7={reg7} R8={reg8} R9={reg9} RA={regA} RB={regB} RC={regC} RD={regD} RE={regE} RF={regF}**

**Explanation** A logic error occurred during ADARAI processing either while collecting information during a utility or nucleus run, or while executing the ADARAI utility itself. The logic error is identified by the module and offset and the registers at the time of the error are provided in subsequent lines of the message.

**Action:** Contact your technical support representative. Provide the actions required to trigger the error and the text of the error message itself.

**ADAR12** **{action} error '{error}' on {file} data set**

**Explanation** An I/O error occurred during an operation, identified by the *action* value, which was issued against a data set by the Adabas Recovery Aid collection or utility component. The data set is identified by the *file* value and the error will be identified by the *error* value.

| | | |
|---|---|---|
| *action* | OPEN | - data set was being opened |
| | CLOSE | - data set was being closed |
| | READ | - data set was being read |
| | WRITE | - data set was being written to |
| *error* | A description of the error that occurred | |
| *file* | RLOG | - error occurred on the RLOG data set |
| | PLOG | - error occurred on a PLOG data set |

| | | |
|---|---|---|
| | ASSO | - error occurred on an ASSO data set |

**Action:** The 'error' value indicates the error that occurred while accessing the identified data set.

**ADAR13** **Inconsistent DBID {asso-dbid}, RLOG DBID {rlog-dbid}**

**Explanation** The database ID for the database in the GCBs (*asso-dbid*) does not correspond with the database ID with which the RLOG was initialized (*rlog-dbid*). This message is issued by the Adabas Recovery Aid collection component and causes the utility operation or nucleus initialization request to fail.

**Action:** Either the RLOG used for this utility run was not initialized to run with the database in use, or the database ID of the database was changed. In this case, the RLOG must be reinitialized using the ADARAI PREPARE function.

**ADAR14** **Generation {gen-num} started**

**Explanation** A utility operation was executed that caused a new generation to be started. The number of this new generation, which becomes the current generation, is 'gen-num'. This message is issued by the collection component of the Adabas Recovery Aid when a new generation is started.

**ADAR15** **ADARAI request {request} returned RC={rc} reason={reason}**

**Explanation** The ADARAI data collection component was called for request *request*; however, this request terminated with a return code and reason code as shown by *rc* and *reason* respectively. If *rc* is less than 8, the request completed successfully but messages may have been issued. If *rc* is 8 or greater, the request failed.

**Action:** In many cases, this error is issued due to a situation highlighted by a previous Adabas or system message. However, if there is no obvious reason why this message has been issued, report the message to your technical support representative.

**ADAR16** **Insufficient storage for ADARAI processing requested {reqsize} bytes obtained {stgsize} bytes**

**Explanation** The Adabas Recovery Aid utility component attempted to obtain *reqsize* bytes of storage for its processing but only succeeded in obtaining *stgsize* bytes of storage. ADARAI processing fails.

**Action:** Increase the amount of storage available to ADARAI by at least the byte count difference between *reqsize* and *stgsize*.

**ADAR17** **RLOG open error DDRLOGR1 not found**

**Explanation** The Adabas Recovery Aid collection or utility component attempted to open the RLOG data set DDRLOGR1 but the file was not available to the job.

**Note:** The ADARES PLCOPY or COPY function might return this message if it cannot open the ASSO data set when checking if the database is running with a recovery log.

**Action:** If the database is running with a recovery log, provide the DDRLOGR1 file to the job and rerun the job.

**ADAR18** **RLOG open error {error}**

**Explanation** The Adabas Recovery Aid collection or utility component attempted to open the RLOG data set ; however. an open error occurred as identified by the 'error' value. This indicates that the DDRLOGR1 file has been found but some other error occurred.

**Action:** Correct the error indicated by the 'error' value and rerun the job.

**ADAR19** **Serious ADARAI error failure could not be set in the RLOG dataset**

**Explanation** When the Adabas Recovery Aid collection component encounters any sort of problem, it attempts to set the status of the current generation to indicate that problems occurred while recording the generation. In the case where this message is issued, it was not possible to set the failure in the RLOG data set. This is particularly serious because the current generation will appear to be in a normal status but data will be missing. An attempt to use this generation to recover the database will probably lead to data being lost or invalid.

The Adabas Recovery Aid data collection interface terminates abnormally with abend code 33, which means that the utility or nucleus run will also be terminated abnormally.

**Action:** A new generation should be started immediately for the database in question and a note kept that the generation for which this error occurred is invalid. You should then proceed to determine what the problem was based on other error messages issued prior to this error message. If necessary, contact your technical support representative for assistance.

**ADAR20** **The current generation is {status}**

**Explanation** This message is issued by the Adabas Recovery Aid collection component when the current generation has any status other than the normal status. It is issued when the ADARAI data collection interface is called to insure that the user is aware that the current generation is in a state that may not be automatically recovered.

**Action:** This is an information message and may be ignored if the status of the RLOG is acceptable to the installation. If not, a new generation should be started as soon as possible and the cause of the abnormal status for the generation investigated.

**ADAR21** **PLOG information not found for all or some of the following blocks:**
**PLOG number {plog}**
**Low PLOG block number {lowblk} [NUCID {nucid}]**
**High PLOG bkicj number {highblk} [NUCID {nucid}]**

**Explanation** When the Adabas Recovery Aid utility ADARAI is building a given generation, it checks to make sure that all PLOGs required by the generation are available to it. This is based on the normal sequence of PLOG entries from the start of the generation to the end of the generation. When ADARAI expects a given range of PLOG blocks to be available but cannot find the relevant PLOG in its data, this message is issued. The data values provided are as follows:

| | |
|---|---|
| *plog* | The number of the PLOG in which the missing blocks are found. |
| *lowblk* | The lowest identifiable PLOG block that cannot be found. When it is nonzero, a cluster nucleus ID follows. |
| *highblk* | The highest PLOG block that cannot be found. When it is nonzero, a cluster nucleus ID follows. |
| *nucid* | When it is nonzero, a cluster nucleus ID is appended after a high or low PLOG block number. |

**Action:** This can happen if the current generation is the subject of the operation and the nucleus was not down at the time, or the last PLOG copy job had not completed. If this is not the case, it indicates that one or more PLCOPY jobs failed to record their information on the RLOG. To determine when and why this happened, refer back to the PLOG job that copied the blocks in question to determine why the data was not written to the RLOG data set.

**ADAR31** **Generation restricted due to {reason}**

**Explanation** After certain events on a database, ADARAI cannot generate a recovery job which will recover the database or files on the database without changes. When this occurs, the Adabas Recovery Aid collection component sets the generation into which the data is logged to the restricted status. This message is issued when this occurs and *reason* identifies why the generation was set to RESTRICTED.

**Action:** This message is for information only, however, it is recommended that once this message has been issued, a new generation is started as soon as possible to insure that a generation is available with a normal status.

**ADAR76** **RLOG: {count-a} blocks out of {count-b} used ({nn%})**

**Explanation** The minimum number of generations in the RLOG data set are using more than 50% of the RABNs available on the data set. This fact is determined when the Adabas Recovery Aid collection component writes information to the RLOG data set. Successful completion of the current nucleus or utility session is not affected by the situation. The meanings of the variable values are as follows:

| | |
|---|---|
| *count-a* | total blocks available for logging on the RLOG |
| *count-b* | number of blocks currently being used on the RLOG |
| *nn* | percentage of RLOG blocks now used |

**Action:** None required. This message is for your information only.

**ADAR77** **Recovery log file overflow**

**Explanation** The Adabas Recovery Aid data collection component attempted to write information for the current generation; however, the current generation does not fit on the RLOG and none of the other generations on the RLOG could be deleted. RLOG logging stops. Information for the current session could not be completely logged, and no further information will be logged. This does not affect successful completion of the current nucleus or utility session.

**Action:** Run the ADARAI LIST utility function to archive the existing RLOG information and/or back up the RLOG data set. Increase the size of the RLOG. Finally, run ADARAI PREPARE followed by an ADASAV SAVE (database) to reestablish the RLOG logging operation.

**ADAR78** **Unknown file element created**

**Explanation** The Adabas Recovery Aid data collection component was unable to provide the ADARAI utility with information about the sequential file used during utility execution. An "unknown file element" was written to the RLOG instead of a "file element". This does not affect successful completion of the current nucleus or utility session.

**Action:** Information about this sequential file can be recorded manually for later use in the ADARAI RECOVER function. If an ADARAI RECOVER function is executed using this generation/file, the job control statements needed for this file cannot be created. Instead, the "unknown file element" will be displayed and the ADARAI RECOVER function will complete with a return code of 04. The generated job control must then be edited to add the manually recorded file information.

# 31 ADAS* (Adabas SVC) System Messages

**ADAS00** **SIRMVS ( {yyyy - mm - dd}, SM={level}, ZAP={zap-number})**

**Explanation** ADASIR has executed.

| | |
|---|---|
| *yyyy-mm-dd* | the ADASIR assembly date |
| *level* | the maintenance (SM) level |
| *zap-number* | the highest zap number applied |

**ADAS01** **{subsysname} enter number of Adabas V{v} ID table entries (1-{nn})**

**Explanation** ADASIR found an invalid ID table entry.

**Action** Enter the decimal ID table value. ADASIR operation continues.

**ADAS03** **{subsysname} Adabas V{v} ID table for SVC {svc} initialized**

**Explanation** ADASIR has installed the Adabas SVC and acquired the necessary storage successfully.

**ADAS04** **{subsysname} Adabas V{v} ID table initialization error**

**Explanation** ADASIR detected one of the following possible errors:

- IDT GETMAIN failure
- a nonzero return code from ADASVC on the 56 call
- ADASIR did not set the SSCTSUSE
- the operator terminated ADASIR
- ADASIR detected a non-VS1 environment

**Action** ADASIR terminates, freeing any resources acquired.

**ADAS05** **{subsysname} Adabas V{v} ID table parameter(s) error**

**Explanation** ADASIR found an invalid input parameter. The message may be followed by messages requesting reentry of the input parameters.

**Action** Enter the correct parameter or parameters and rerun ADASIR or enter "no" to end ADASIR operation.

**ADAS06** **{subsysname} Enter Adabas V{v} ID table subpool (228 or 241) or "NO" to abort ID table initialization**

**Explanation** This message occurs after error ADAS05 and requests that you verify the Adabas V*v* ID table subpool where *v* is the version of Adabas.

**Action** Enter either "228" (subpool 228 / fixed CSA), "241" (subpool 241 / pageable CSA) or enter "no" to end ADASIR operation.

**ADAS07** **{subsysname} Enter number of Adabas V{v} ID table entries or "NO" to abort ID table initialization**

**Explanation** This message occurs after error ADAS05 and requests that you verify the number of IDT entries.

**Action** Enter a value ranging one to four digits representing the IDT entry count or enter "no" to end ADASIR operation.

**ADAS08** **{subsysname} Enter Adabas V{v} SVC number (200-255) or "NO" to abort ID table initialization**

**Explanation** This message occurs after error ADAS05 and requests that you verify the SVC number for the version of Adabas specified.

**Action** Enter a three-digit SVC value ranging 200-255 or enter "no" to end ADASIR operation.

**ADAS09** **{subsysname} Adabas V{v} SVC {svc} table entry at {svc-addr} invalid is {bad-entry bad-entry} should be {good-entry good-entry}**

**Explanation** This and any associated ADAS*nn* messages occur when ADASIR finds an incorrect SVC table entry or when message ADAS14 was answered with "p" (prompt option). The variable values in the message have the following meanings:

| | |
|---|---|
| *v* | version of Adabas |
| *svc* | SVC number |
| *svc-addr* | address of the SVC table entry |
| *bad-entry* | current SVC table entry value in error |
| *good-entry* | desired SVC table entry value |

**Action** ADASIR follows this message with message ADAS10 asking if the SVC entry in error should be changed to the desired value.

**ADAS10** **{subsysname} should SVC table entry be changed ('Y') or should Adabas ID table initialization be aborted ('N')**

**Explanation** This message occurs after message ADAS09 and requests that you confirm a change of the SVC table entry in error to a desired value proposed by ADASIR.

**Action** Enter "Y" (yes) to update the SVC entry. Entering any other value leaves the SVC entry as it was.

**ADAS11** **{subsysname} Adabas V{v} ID table for SVC {svc} initialized with {cccc} entries IDT:{address} IDTExt:{address} FIIBS:{address} RClass:{class} SSCT:{address} SVC:{address} VRS:{vrs} DATE:{date}**

**Explanation** SVC with the number *svc* has been installed and the ID table storage for a count of *cccc* entries was successfully allocated. The addresses of the SVC, major CSA data structures, the SAF class name for authorization and the release and assembly date for the SVC are also provided in the message.

**Action** No action is required for this informational message.

**ADAS12** **{subsysname} Adabas V{v} ID table initialization error {n}**

**Explanation** ADASIR detected error *n*, where *n* is one of the following:

| | |
|---|---|
| 1 | The GETMAIN for the ID table was unsuccessful. |
| 2 | The Adabas SVC request to initialize the ID table returned a nonzero return code. Probable cause is that the subsystem name in the IEFSSNxx member of SYS1.PARMLIB does not match the contents of ADASVC + x'28'. |
| 3 | The Adabas SVC request to initialize the ID table did not set the correct value in the SSCT. Probable cause is an incorrect SVC number. |
| 4 | The operator terminated initialization. |
| 7 | The SVC table entry for the Adabas SVC does not contain the address of the Adabas SVC. |
| 10 | SVCUPDTE macro failure. |
| 11 | The GETMAIN for the FIIBS and IDT extension tables was unsuccessful. |

**Action** Correct the error condition and re-IPL (if necessary) or rerun ADASIP.

**ADAS13** **{subsysname} leave message ADAS11 or ADAS12 (N or Y)**

**Explanation** ADASIR keeps the display of the previous ADAS11 or ADAS12 message on the screen if you specify "Y"; otherwise, the message display is removed and lost.

**Action** Enter "Y" to keep the message display; otherwise, the message is removed.

**ADAS14** **{subsysname} prompt operator to update SVC table entry N or P**

**Explanation** This message asks whether the operator should be prompted to update the SVC table entry (P) or not (N).

**Action** Enter "P" to prompt the operator for the SVC table entry; messages ADAS09 and ADAS10 occur when "P" is entered. Enter "N" (no prompt) to let ADASIR select the SVC value; message ADAS15 occurs when "N" is entered.

**ADAS15** **{subsysname} SVC {svc} table entry changed without prompting operator**

**Explanation** SVC *svc* was changed without a prompt being sent to the operator.

**ADAS16** **Existing ADASVC {svc} uses subsystem {subsys}**

**Explanation** ADASIP is being used to reinstall a copy of the Adabas SVC. Either the specified subsystem is currently being used by another SVC, or the specified SVC number is currently using a different subsystem.

**Action** If the subsystem in the message is the specified subsystem, select another subsystem name. If the SVC number in the message is the specified SVC, either select a different SVC or override this error with the ADASIP FORCE=Y parameter.

**ADAS17** **IDT for SVC {svc} has active IDTE for target {target}**

**Explanation** ADASIP is being used to reinstall a copy of the Adabas SVC. The IDT being used by the currently installed SVC has a possibly active target as indicated by an active IDTE. There is one message for each such target.

**Action** Stop the active targets and rerun ADASIP. This error may be overridden by the ADASIP FORCE=Y parameter but doing so will cause the active targets to fail.

**ADAS18** **Incorrect ADASVC module header**

**Explanation** The ADASVC module in DD SVCLIB is not a valid ADASVC.

**Action** Provide a correct ADASVC module.

**ADAS19** **Unable to validate new SSCT to free**

**Explanation** While cleaning up after a preceding error from ADASIR, ADASIP was not able to release the storage for the newly acquired SSCT.

**Action** No action is necessary.

**ADAS20** **At {address}, {length} bytes {action} {area-description}**

**Explanation** When ADASIP refreshes an existing Adabas SVC, the common storage area (CSA) associated with the old SVC load module and its associated IDT-related structures is released. If a PLXCB is found, its components are released as well. This message appears for each attempt to release storage:

| | |
|---|---|
| *address* | CSA area address, in hexadecimal |
| *length* | CSA area length, in hexadecimal |
| *action* | One of the following:<br>CSA RELEASED<br>RELEASE FAILED |
| *area-description* | One of the following:<br>Replaced SVC<br>IDTH / IDT / IIBS<br>Cluster Segment<br>PLXCB Base<br>PLXCUSER Segment<br>SMP Segment<br>Fat IIBS<br>IDTH / IDTE<br>IDT Extension<br>SVC Fixed Area |

**ADAS21** **Replaced SVC CSA not released, {nn} pending resource managers**

**Explanation** ADASIP is being used to reinstall a copy of the Adabas SVC, replacing an existing instance that was installed in CSA with ADASIP. ADASIP cannot release the CSA storage used by the existing instance because one or more z/OS Resource Manager routines may be pending.

**Action** ADASIP installs the new SVC instance and does not release the CSA used by the previous instance.

**ADAS22** **ADASIR returned error code {code}**

**Explanation** This message usually follows ADAS12 from ADASIR. Refer to **ADAS12** for a description of the code.

**Action** If unable to resolve the error as suggested by the ADAS12 documentation, notify your technical support representative.

**ADAS23** **SVC table update to add new SVC failed**

**Explanation** A non-zero return code was set by the z/OS SVCUPDT service.

**Action** If the error persists after a retry, notify your technical support representative.

**ADAS24** **SSCT already exists for specified subsystem**

**Action** Either specify another subsystem or use the ADASIP RELEASE=YES parameter.

**ADAS25** **CSA Storage Obtain failed for item**

**Explanation** Item may be either SSCT or ADASVC. These are allocated in ECSA.

**Action** Free up either more ECSA or IPL if necessary.

**ADAS26** **Incorrect ADASIR module header**

**Explanation** The ADASIR module in DD SIRLIB is not a valid ADASIR.

**Action** Provide a correct ADASIR module.

**ADAS27** **BLDL error {member}**

**Explanation** Member may be either ADASVC or ADASIR.

**Action** Ensure the named module is available in DD SVCLIB or SIRLIB.

**ADAS28** **Error opening {dd}**

**Explanation** DD may be either SVCLIB or SIRLIB.

**Action** Provide a correct library.

**ADAS29** **EXEC parameter error**

**Action** Correct the ADASIP EXEC parameter string.

**ADAS30** **nn SVC work areas released**

**Explanation** During termination, the server will release work areas that were obtained in the server's address space by the SVC to process user commands. The number of work areas is the high-water mark of the number of simultaneous processes.

**Action** Information only, no action required.

**ADAS31** **Service ABTERM resource manager { ADDRSPC TERM | TASK TERM }**
**Service ABTERM resource manager released IDTE**

**Explanation** A z/OS Resource Manager recovery routine was entered after a server address space abend to release the IDTE.

**Action** If the release was successful, it will not be necessary to specify ADARUN FORCE=YES when restarting.

**ADAS32** **S64 {scope} affinity resource manager {event}**
**S64 object at {address}**
**S64 object user token is {token}**
**S64 {scope} affinity released**
**S64 {scope} affinity released {return-code}/{reason-code}**

**Explanation** A z/OS Resource Manager recovery routine was entered after an abend to release a local or system affinity to a z/OS shared 64-bit addressable memory object. Any non-zero return code received from z/OS IARV64 is shown.

**Action** If the attempt fails, examine the IARV64 return and reason code description in IBM documentation. If the cause is not clear, notify your our support.

**ADAS33** **Security subsystem denied authorization**
**Security subsystem or APF authorization is required**
**APF authorization is required**
**Security subsystem error SAF/Ret/Rsn SAF**
**{return-code}/{security-subsystem-return-code}/{security-subsystem-reason-code}**

**Explanation** The nucleus attempted to initialize or access an ADASVC function that required authorization.

**Action** Provide the appropriate authorization. If the message indicates a security subsystem error, contact your security administrator or your Software AG technical support representative for assistance.

**ADAS34** **Invalid pointer SAGVT**
**Invalid pointer to SAGVT at {addr} cleared**
**{hex-storage-bytes-0-15}**
**{hex-storage-bytes-16-31}**

**Explanation** The Software GmbH Vector Table (SAGVT) is an internal z/OS CSA structure anchored in a CVT-based field assigned by IBM to Software GmbH. During SVC installation and initialization, Adabas SVC processing found an entry in Software GmbH's assigned anchor slot that did not point to a valid SAGVT. This may be because another vendor's product is using Software GmbH's assigned slot or the storage was corrupted.

The invalid address and 32-bytes of storage at that address are dumped and included in the message to aid in problem determination. The SAGVT anchor slot is cleared. Expect a subsequent **ADAS35** message as a new SAGVT is installed.

This message appears in red on the operator's console and does not scroll off the display.

**Action** Contact your technical support representative.

**ADAS35** **SAGVT {{installed}|{reinstalled}}**

**Explanation** The Software GmbH Vector Table (SAGVT) is an internal z/OS CSA structure anchored in a CVT-based field assigned by IBM to Software GmbH. During SVC installation and initialization, Adabas SVC processing did not find a usable SAGVT.

If the IBM-assigned pointer to the SAGVT is zero, a new SAGVT is allocated and installed.

If the IBM-assigned pointer to the SAGVT identifies a SAGVT version older than the one known to the installing ADASVC program, the SAGVT is reinstalled, replacing the older one.

**Action** No action is required for this informational message.

**ADAS36** **Service ABTERM resource manager task term cleanup**

**Explanation** A z/OS resource manager recovery routine was entered after a server address space ABEND to POST any incomplete commands and release the IDTE.

**Action** No action is required for this informational message.

**ADAS37** **ENFReq {Listen | Delete} event 53 return code {rc}**

**Explanation** A non-zero return code was received from an ENFREQ request to activate or delete a z/OS Event Notification Facility (ENF) exit that detects time zone and leap second changes. The return code (*rc*) is given in the message.

**Action** Examine the ENFREQ return code description in IBM documentation. If the cause is not clear, notify your technical support representative.

**ADAS39** **ADADSP DBID {dbid} SVC {svc} AbTerm resource manager {AddrSpc term | Task term | cleared ALET}**

**Explanation** An ADADSP subtask in ADACOM failed such that it did not clean up the IDTH prefix entry for a PLXCB dataspace. The Resource Manager routine attempted recovery at either address space or task termination. If an ALET for this DBID/SVC combination was found in the IDTH prefix entry, the entry is cleared.

**Action** Restart the failed ADACOM subtasks and any affected nuclei. Contact your technical support representative if the reason for the termination is unclear.

| | |
|---|---|
| **ADAS40** | **ADASIP requires APF authorization** |
| **Explanation** | Either one or more libraries in the JOBLIB or STEPLIB concatenation are not in the APF list or ADASIP was relinked with AC(0). |
| **Action** | Ensure ADASIP is in an APF-authorized library and was not relinked AC(0). |

# 32 ADASM* Adabas SMF Processing Messages

**ADASM1** **SMF=YES not allowed with MODE=SINGLE**

**Explanation** The specified ADARUN parameters are incompatible and cannot be specified at the same time in a nucleus startup job. The nucleus fails to initialize.

**Action** Correct the ADARUN parameters and restart the nucleus.

**ADASM2** **ADASMF unable to obtain storage**

**Explanation** Sufficient virtual storage for Adabas SMF is not available. The nucleus fails to initialize.

**Action** Either increase the size of the nucleus region or disable SMF recording by setting the ADARUN SMF parameter to NO.

**ADASM3** **SMF89 Registration return code {rc}**

**Explanation** The IBM z/OS service IFAUSAGE produced a non-zero return code when registering for type 89 SMF records. The nucleus initializes without registering for type 89 SMF records.

**Action** The return codes are documented in the *z/OS MVS System Management Facilities (SMF), IBM document SA22-7630*. Contact your technical support representative if you are unable to understand the error. You may disable registration attempts by setting the ADARUN SMF89 parameter to NO.

**ADASM4** **Invalid syntax of value for {parm}**

**Explanation** An error was detected in the syntax of the parameter named in the message (*parm*). The parameter may be an ADARUN parameter or an operator command operand. The invalid value is ignored.

**Action** Remove or correct the specified parameter and try again.

**ADASM5** **Unknown detail section {dtl} ignored**

**Explanation** An invalid Adabas SMF record detail section mnemonic was specified in an ADARUN parameter or an operator command operand. The invalid mnemonic is given in the message (*dtl*). The invalid value is ignored.

**Action** Remove or correct the specified detail section mnemonic and try again.

**ADASM6** **{dtl} detail section disabled, maximum size exceeded**

**Explanation** A single instance of the Adabas SMF record detail section listed in the message (*dtl*) exceeded the size that could be contained in a single Adabas SMF record. The specified detail section is disabled.

**Action** If the detail section is a USER-type detail section, correct your SMF user exit. Otherwise, contact your technical support representative for assistance.

**ADASM7** **Unknown SMF operator command**

**Explanation** The SMF operator command was not recognized. It is ignored.

**Action** Specify a valid SMF operator command.

**ADASMA** **Unable to get interval, using 15 minutes**

**Explanation** The user specified ADARUN parameter `SMFINTERVAL=[SUBSYS | GLOBAL]`.

ADASMF was unable to obtain a valid SMF interval from z/OS. A default interval was used. When the default interval expires, ADASMF will make another attempt to obtain the SMF interval.

**Action** If this condition persists and you are not able to identify a cause, contact your technical support representative for assistance.

**ADASMB** **Unable to set timer, interval records suspended**

**Explanation** ADASMF was unable to set a timer for the next interval record.

**Action** Contact your technical support representative for assistance. You may try Adabas operator commands to set `SMFINTERVAL` to `NONE` and then back to the original specification.

# 33 ADAU* Utility Status Messages

These general status messages describe current utility operating status. Often, they are the response to a DSTAT operator command.



**Note:** Each of the messages in this section starts with the relevant database ID.

| | |
|---|---|
| **ADAUL0** | **Error opening license file DD:***ddname* |
| **Explanation** | An error occurred loading the license load module and then opening the license file specified by the DD statement. Where *ddname* is the DD name for the license sequential file. The name is concatenated from the string DDL and the product code *ccccc*. |
| **Action:** | Provide the license as load module or assign the license file to the *ddname* in the JCL. |

| | |
|---|---|
| **ADAUL1** | **License file size exceeds limit** |
| **Explanation** | The license being read is larger than expected (8000 bytes). |
| **Action:** | Verify that you are using the original license file obtained from Software GmbH. |

| | |
|---|---|
| **ADAUL2** | **Error reading license file DD:***ddname* |
| **Explanation** | An empty file or invalid record structure was detected. Where *ddname* is the DD name for the license sequential file. The name is concatenated from the string DDL and the product code *ccccc*. |
| **Action:** | Verify that the license file has been copied correctly to the license data set. The file should not be empty and the data should not have been converted to EBCDIC (it should be in ASCII format). |

**ADAUL3** **Error license function *fx* subfunction *sfx* returned *err***

**Explanation** An unexpected error occurred while performing the Adabas license check. The license function (*fx*), subfunction (*sfx*) and return code (*err*) are given in the message.

**Action:** Examine the Adabas utility JCL and verify that the Adabas license is available as load module ADALIC or is assigned with the link (DD) name DDLIC.

**ADAUL4** **License module could not be loaded**

**Explanation** The license processor module could not be loaded.

**Action:** Verify that the modules from the MLC*vrs* load library can be loaded by the Adabas utility.

**ADAUL6** **License check failed for *ccccc***

**Explanation** The license file is physically correct, but some license property was found that did not match your Adabas utility execution environment. Where *ccccc* is the product code where the license was checked. This is a final message, accompanied by another message specifying details of the failure.

**Action:** Contact your Software GmbH sales representative to resolve the discrepancy between your license file and your execution environment.

**ADAUL7** **License check completed for *ccccc***

**Explanation** The license check completed successfully. Where *ccccc* is the product code where the license was checked.

**Action:** No action is required for this informational message.

**ADAUL9** ***ccccc*LIC license could not be loaded**

**Explanation** The license module *ccccc*LIC for Adabas or an add-on identified by product code *ccccc* could not be loaded.

**Action:** Verify that the installation of the license file occurred correctly. For more information, read about the Adabas database installation steps for your operating environment. If problems persist, contact your technical support representative for assistance.

**ADAU08** **Operator type-in : {command}**

**Explanation** This message confirms entry of the operator command *command*.

**ADAU09** **Invalid request -- only DSTAT allowed**

**Explanation** This message is a reply to a utilities operator command other than DSTAT, which is the only valid operator command at this time.

**Action:** Enter the operator command DSTAT.

**ADAU10** **{count} blocks of {total} saved**

**Explanation** This message is the response to the ADASAV operator command DSTAT. The *count* value is the number of blocks already processed, and *total* is the total number of blocks to be saved.

**ADAU11** **{count} blocks out of {total} restored**

**Explanation** This message is the response to the ADASAV operator command DSTAT. The *count* value is the number of blocks already restored, and *total* is the total number of blocks to be restored.

**ADAU12** **Restoring protection log tape**

**Explanation** This message, a response to the ADASAV utility's operator command DSTAT, indicates that the second pass of the RESTONL function has begun. The file or database has been restored, and ADASAV is now processing the protection log.

**ADAU13** **VOLSER for {dd-name} = {volser} RABN [ A | D ] {first-rabn#}**

**Explanation** This message is displayed by ADASAV when reading from or writing to a new tape. The "A" or "D" that might appear between "RABN" and the first RABN number (*first-rabn#*) stand for **A**sso or **D**ata.

**ADAU14** **ADASAV - run with save tape {session-id}**

**Explanation** This message shows the session number assigned to the save tape created by the save operation.

**ADAU15** **File {file} {added to | removed from} file list ({reason})**

**Explanation** The specified file was added or removed from the file list for the specified reason.

- Reasons for adding files: coupled or expanded file
- Reasons for removing files:
  - file not loaded
  - inconsistent expanded or coupled file
  - file in inconsistent state
  - not flagged "modified"

If the file is added to the file list, it is saved; if the file is removed from the file list, it is not saved at all.

**Action:** None required. This is an informational message only. To restore a file that was removed from the file list, the appropriate previous SAVE data set must be used.

**ADAU16** **No file has been modified since last save; no output data set was created**

**Explanation** The output data set is not created because there is no change.

**Action:** The previous SAVE tapes should be used to restore the file. To restore a removed file, the appropriate save data set must be used.

**ADAU17** **Merging DELTA SAVE tapes**

**Explanation** This message is the response to the ADASAV operator command DSTAT. ADASAV is currently creating a delta save data set by merging.

**ADAU18** **{count} blocks out of {total} merged**

**Explanation** This message is a response to the ADASAV operator command DSTAT. ADASAV is currently creating a full save data set by merging. *count* blocks have already been written; *total* blocks are to be written.

**ADAU19** **During restore delta phase**

**Explanation** This message is a response to the ADASAV operator command DSTAT. ADASAV is currently in the second phase of a delta restore operation. The full save data set has already been restored.

**ADAU20** **ADADBS OPERCOM {command}**

**Explanation** The ADADBS OPERCOM utility issued the specified operator command.

**Action:** None required. This informational message informs you of any changes in file access, etc., that may result from ADADBS OPERCOM operation.

**ADAU21** **Sorting/loading descriptor {descriptor}**

**Explanation** This message is a response to ADALOD operator command DSTAT, and indicates that ADALOD is sorting and loading the inverted list for the specified descriptor.

**ADAU22** **Loading data storage. RECNO={count}**

**Explanation** This message is a response to the ADALOD operator command DSTAT, and advises that ADALOD is now loading records into data storage. Thus far, the specified number of records have been loaded.

**ADAU23** **Sorting ADAM records. RECNO={count}**

**Explanation** This message is a response to the ADALOD operator command DSTAT, and advises that ADALOD is now presorting data storage (DS) records by their ADAM keys. Thus far, the specified number of records have been sorted.

**ADAU24** **Computing index space for {descriptor}**

**Explanation** This message is a response to the ADALOD operator command DSTAT, and indicates that ADALOD is now computing index space requirements for the specified descriptor.

**ADAU25** **UNLOADING DATASTORAGE, FILE=file-number, RECNO=record-count**

**Explanation** This message is a response to the ADAORD operator command DSTAT, and indicates that ADAORD is now unloading the Data Storage for the specified file to DDFILEA. Thus far, the number of records specified by "record-count" have been unloaded.

**ADAU26** **Unloading index, file={file-number}**

**Explanation** This message is a response to the ADAORD operator command DSTAT, and indicates that ADAORD is now unloading the inverted list for the specified file to DDFILEA for the file "file-number".

**ADAU27** **Unloading DSST, file = {file-number}**

**Explanation** This message is a response to the ADAORD operator command DSTAT, and indicates that ADAORD is now unloading the Data Storage space table (DSST) for the specified file to DDFILEA.

**ADAU28** **Unloading AC, file={file-number}**

**Explanation** This message is a response to the ADAORD operator command DSTAT, and indicates that ADAORD is now unloading the address converter (AC) for the specified file to DDFILEA.

**ADAU29** **Loading datastorage, file={file-number}, RECNO={record-count}**

**Explanation** This message is a response to the ADAORD operator command DSTAT, and indicates that ADAORD is now loading the Data Storage for the specified file from DDFILEA. Thus far, the number of records specified by "record-count" have been loaded.

**ADAU30** **Loading index, file={file-number}**

**Explanation** This message is a response to the ADAORD operator command DSTAT, and indicates that ADAORD is now loading the inverted list for the specified file from DDFILEA.

**ADAU31** **Loading DSST, file = {file-number}**

**Explanation** This message is a response to the ADAORD operator command DSTAT, and indicates that ADAORD is now loading the Data Storage space table (DSST) for the specified file from DDFILEA.

**ADAU32** **Loading AC, file={file-number}**

**Explanation** This message is a response to the ADAORD operator command DSTAT, and indicates that ADAORD is now loading the address converter (AC) from DDFILEA.

**ADAU33** **Client option in effect for file {file-number}**

**Explanation** The ADAULD utility displays this message to indicate that the file being loaded has the CLIENT option in effect.

**ADAU34** **Blocks {block-a} - {block-n} could not be formatted**
**Invalid SIZE parameter**
**Blocks {block-c} – {block-d} exceed capacity of file**

**Explanation** The format SIZE parameter in the ADAFRM parameters for the specified file exceeds its maximum cylinder or block size. This returns a User Abend 35 from the ADAFRM utility.

**Action** To format the remaining blocks, create the file with a size that can match the SIZE requested and rerun the ADAFRM job for all files not reported as formatted.

**ADAU35** **USERISN-option in effect for file {file-number}**

**Explanation** The ADAULD utility displays this message to indicate that the file being loaded has the USERISN option in effect.

**ADAU36** **Missing second output data set**

**Explanation** User exit 9 returned an indication to write a record to DDOUT2, which is not defined. All records are written to DDOUT1.

**Action:** If the records are to be unloaded onto two output data sets under control of user exit 9, specify DDOUT2 and rerun the job.

**ADAU37** **Blocks {block-a} - {block-n} could not be formatted**

**Explanation** The number of blocks to be formatted must be at least the number of blocks per track.

If the number of blocks to be formatted is more than the number of blocks per track, then "block-n" must be the last block of the track.

Block "block-n" is not the last block of a track, or the ADAFRM SIZE parameter is less than the number of blocks per track. The partial track was not formatted.

**Action:** To format the remaining blocks, specify a block range that spans a complete track.

**ADAU38** **File not linked into file chain**

**Explanation** The file has been loaded, but for some reason could not be linked into the expanded file chain. The cause could be one of the following:

- another file in the chain is locked
- the chain was modified during the load operation

**Action:** Link the file into the expanded file chain using Adabas Online System (AOS).

**ADAU39** **No checkpoint written**

**Explanation** The nucleus is in read-only state. A checkpoint cannot be written.

**ADAU40** **Point of no return reached**

**Explanation** The ADAORD utility has begun its second pass. Any abend after this point requires that the file or database be restored before being used.

**ADAU41** **ADAORD invoked from job {job-name}**

**Explanation** ADAORD was started by the specified job. This message follows message ADAU40.

**ADAU42** **ADAVAL file={file-number}, descriptor={descriptor}**

**Explanation** This message occurs in response to the ADAVAL DSTAT operator command, and indicates that ADAVAL is now validating descriptor "descriptor" in file "file-number".

**ADAU43** **More records on ADALOD input than requested by NUMREC**

**Explanation** The ADALOD NUMREC parameter restricts the number of records to be loaded. In this case, the input data set contains more records than requested.

**Action:** No action is required. Processing continues normally, but returns a response code of 4 (ADARSP004) to the operating system.

**ADAU44** **More records on ADALOD input than ISNs available**

**Explanation** All ISNs available in the address converter (AC) are already assigned to records in the input file, and new ISNs cannot be allocated because NOACEXTENSION is active.

**Action:** Processing continues normally, but returns a response code of 4 (ADARSP004) to the operating system. If the file is part of an expanded file, you can load the remaining records into another part of the expanded file.

**ADAU45** **Abend during chain processing**

**Explanation** Warning: An abnormal termination (abend) occurred while ADALOD was updating the expanded file's chain information. The information could be inconsistent, and any further processing of the file will create incorrect results.

**Action:** Perform ADAREP to create an expanded file report, and check the expanded file linkage. Any errors must be corrected before processing can continue.

**ADAU46** **Abend during file processing**

**Explanation** An error occurred while ADALOD was processing the file. The file is now in load status, but cannot be accessed.

**Action:** Correct the cause of the error, and then either

- restart the ADALOD job;
- delete the file and rerun the ADALOD job; or
- restore the SAVE file copy and rerun the ADALOD job.

**ADAU47** **Abend during finishing processing**

**Explanation** The file processing has completed, but a problem occurred while writing either

- recovery log information; or
- the checkpoint.

**Action:** If necessary, ensure that you can redo the ADALOD job when a RESTORE/REGENERATE is done.

**ADAU48** **Loading records with USERISN-option suppressed**

**Explanation** The USERISN option was in effect when the file was created by ADACMP or ADAULD. The USERISN option has been suppressed by specifying USERISN=NO. All ISNs are assigned by ADALOD.

**ADAU49** **Loading records with USERISN-option in effect**

**Explanation** The file is loaded with the USERISN option in effect. All ISNs are taken from the input file.

**ADAU50** **{function} input volume = {volume}, PLOGNUM = {session-number}**
**FROMBLK = {block-number-a}, FROMTIME = {date} {time}**
**TOBLK = {block-number-b}, TOTIME = {date} {time}**

**Explanation** This message is a response to the ADARES operator command, DSTAT:

| | |
|---|---|
| *function* | either REGENERATE or BACKOUT |
| *volume* | the current input volume |
| *session-number* | the protection log number now being processed |
| *block-number-a*<br>*block-number-b* | define the range of blocks (from a to b) over which the input volume has been processed |
| *date* | the dates derived from the timestamps of the corresponding blocks |
| *time* | the times derived from the timestamps of the corresponding blocks |

**ADAU51** **Repair {count} blocks / {record-count} records processed**

**Explanation** This message is a response to the ADARES operator command, DSTAT. When the message is displayed, the REPAIR function has processed "count" blocks and "record-count" records from the protection log input data set.

**ADAU53** **{function} copy {count} blocks copied from {log-dataset} to DDSIAUS1/2 current block = {block-number} , time = {date} / {time}**

**Explanation** This message is a response to the ADARES operator command, DSTAT. *function* is either PLCOPY or CLCOPY. *count* blocks have been copied from DDPLOGR1/2 or DDCLOGR1/2 to the output data set.

**ADAU54** **Copy {count} blocks copied from DDSIIN to DDSIAUS1/2**

**Explanation** This message is a response to the DSTAT operator command during ADARES operation. *count* is the number of blocks copied by the COPY function.

**ADAU55** **Loading records with client option in effect**

**Explanation** The file to be loaded will be defined as a multiclient file.

**ADAU56** **Loading records with client option suppressed**

**Explanation** The file to be loaded is a multiclient file but will be defined as normal; that is, as a non-multiclient file.

**ADAU57** **LWP high-water mark: {xxxx} out of {yyyyy} bytes ({zz}%)**

**Explanation** This message reports on the percentage of the LWP work pool used. You may want to use this information to tune the LWP parameter for your installation.

**ADAU58** **Problem encountered with zIIP license check.**

**Explanation** Proceeding with ZIIP=NO.

**ADAU60** **{utility} password exists and has been overwritten**

**Explanation** The specified password for the ADASCR INSERT function already exists. The related information (file numbers, access and update levels) has been overwritten.

**ADAU61** **Parameter test successful**

**Explanation** The utility parameter test, as requested by specifying the TEST parameter, was completed successfully.

**ADAU62** **Unable to write checkpoints -The nucleus is not active or cannot be reached, and the Associator JCL has not been specified**

**Explanation** No checkpoint could be written for a MERGE function because either the Adabas nucleus was not available or the Associator job control was not specified.

None. The MERGE function continues.

**Action:** If a checkpoint is required, start the nucleus or provide the Associator job control for the MERGE function.

**ADAU63** **Starting point for ADARES REGENERATE: FROMPLOG >= {log-number} (next nucleus session)**

**Explanation** This message is displayed on the ADASAV job protocol at the end of an ADASAV RESTORE execution. It indicates the protection log that should be used as input to a subsequent ADARES REGENERATE job.

"log-number" is the protection log number. If that session happens to be a database save operation, the session number of the next nucleus session following the save operation must be used.

**Action:** If the ADASAV RESTORE execution is to be followed by an ADARES REGENERATE operation, use the protection log with the indicated nucleus session number as input for the REGENERATE function.

**ADAU64** **Starting point for ADARES REGENERATE: FROMPLOG >= {log-n}, FROMCP= {chk-pnt}, FROMBLK= {blk-num} [,NUCID={nucid}]**

**Explanation** This message is displayed on the ADASAV job protocol at the end of an ADASAV RESTORE execution. It points out the protection log (log-n) that should be input to a possible subsequent ADARES REGENERATE job, and to the checkpoint ( chk-pnt ) where the REGENERATE function should begin. "blk-num" is the (pre-merge) protection log block number of the checkpoint. "nucid" identifies the particular cluster nucleus where the checkpoint originally (that is, before a PLOG merge) resided.

**Action:** If the ADASAV RESTORE execution is to be followed by an ADARES REGENERATE operation, use the protection log with the indicated nucleus session number as input for the REGENERATE function, and specify the "chk-pnt" checkpoint and "blk-num" as parameters.

**ADAU65** **Loading records from version {v} unload tape**

**Explanation** Adabas version "v" created the unload data set specified as input.

**ADAU66** **Restoring file(s) from version {v} save tape**

**Explanation** The save data set specified as input was created by Adabas version "v".

**ADAU67** **Unloading file={file-number}, RECNO={rec-count}**

**Explanation** In response to ADAULD operator command DSTAT, ADAULD is currently unloading file "file-number". At this point in time, "rec-count" records have been unloaded.

**ADAU68** **Index of file {file-number} is {compressed | uncompressed}**

**Explanation** The utility is processing a file with a compressed or uncompressed index, as indicated.

**ADAU69** **DDWORK{nn} not reset. DBID is {dbid1} expected DBID is {dbid2}**

**Explanation** A nonempty Work data set was assigned to an ADASAV RESTOREDB job that belongs to another database.

The Work data set is not reset.

**ADAU70** **Waiting for PLOG/CLOG switch**

**Explanation** The ADADBS utility issued either an FEOFPL or an FEOFCL. If there is no free PLOG or CLOG, the nucleus may potentially wait for a free PLOG/CLOG.

**Action** No action is required for this informational message.

**ADAU71** **Locking RLOG data set for nucleus got RSP={rc}, SUBC={sc}**

**Explanation** The utility's request to lock the RLOG data set for the Adabas nucleus failed. The nucleus could experience a short hard wait if it attempts to access the RLOG data set at the same time as the utility.

**ADAU72** **Unlocking RLOG data set for nucleus got RSP={rc}, SUBC={sc}**

**Explanation** The utility's request to unlock the RLOG data set for the Adabas nucleus failed. An ADADBS or Adabas Online System function could experience a medium wait if it needs to be recorded in the RLOG data set.

**ADAU73** **Recovery Aid deactivated- re-prepare the recovery log datasets. Processing continues.**

**Explanation** For restoring the database, initialization of RLOG data set access failed (utility error 058). ADASAV deactivates the Recovery Aid and continues the restore. ADASAV will terminate with return code 4.

**Action:** Reactivate the Recovery Aid by executing the ADARAI PREPARE function again.

**ADAU74** **This function execution will not be logged in the recovery log. Processing continues.**

**Explanation** For a utility function that does not change the database or files, initialization of RLOG data set access failed (utility error 058). The utility continues without recording its run in the recovery log and terminates with return code 4.

**Action:** Determine why the utility error 058 occurred. Correct the error.

**ADAU75** **PLOGR {n} for NUCID= {nucid} is not empty, DSNAME= {plog-name}**

**Explanation** While converting from a version of Adabas that uses the parallel participant table (PPT) structure to a higher version of Adabas, the system determined that the specified protection log (PLOG) for the specified earlier version nucleus (NUCID=0 for a noncluster nucleus) remained uncopied/unmerged. The conversion fails.

**Action** You can bypass this check if necessary by using the ADACNV CONVERT IGNPPT parameter.

**ADAU76** **Statistics interval information on {yyyy-mm-dd} at {hh:mm:ss}**
**Total PLOG blocks read = {plogblks}**
**Total PLOG records read = {plogrecs}**
**Total replicated transactions = {repltx}**
**Pending replicated transactions = {pendtx}**
**High watermark in replication pool = {himark}**
**Current watermark in replication pool = {currmark}**
**Timestamp of last committed transaction - {yyyy-mm-dd hh:mm:ss}**

**Explanation** This message display statistics about the processing of the Event Replicator utility ADARPL.

**Action** No action is required for this informational message.

**ADAU77** **Preparing to zap the DBID in the GCB from {old-dbid} to {new-dbid}**

**Explanation** The ADAZAP utility is being used to change the DBID in the GCB (RABN 1 of the DDASSOR1 dataset). This message, which is written to the DDDRUCK output of ADAZAP, reports the old DBID (before the change) and new DBID (after the change).

**Action** Ensure that the ADARUN DBID parameter specifies the new DBID of the database after the change. If Adabas SAF Security is used to check the authorization of utility executions on function level, ensure that the user is authorized to run ADAZAP on both the old DBID and the new DBID.

**ADAU7A** **ICS error {error-number} in function {ics-function}**

**Explanation** ICS is the International Components for Unicode for Software GmbH, a subsystem of the Adabas universal encoding support (UES) system. This message is written after a function of the subsystem has failed. The following ICS functions may return errors:

| ICS Function | Description |
|---|---|
| ICS LOAD | An error loading ADAICS. Verify that the ADAICS load module is in the Adabas load library. |
| COX LOAD | An error loading ADACOX. ADACOX is loaded if the database is UES-enabled. ADACOX is the Adabas conversion exit for special conversions. Verify that ADACOX load module is in the Adabas load library. |
| DFENCODE | An error occurred during initialization while reading the default ICS code page. Verify that the non-executable binary ICS conversion object library is specified in the STEPLIB DD statement of the JCL. Also verify that the specified code page exists in the library. If it does not, then either an invalid number was specified, or the object is missing and must be added. |
| GETHANDLE *nnnn* | An error occurred reading the ICS code page *nnnn*. Verify that the non-executable binary ICS conversion object library is specified in the STEPLIB DD statement of the JCL. Also verify that nnnn exists in the library. If it does not, then either an invalid number was specified or the object is missing and must be added. |
| CDXI #NN | An error occurred when initializing the specified Collation Descriptor Exit or allocating the Collation Descriptor space table. |

**Action:** Resolve the problem and try again.

**ADAU7C** **ICS {v.r.s/revision/date} initialized**

**Explanation** The specified version of International Components for Unicode for Software GmbH has been initialized.

**ADAU7D** **Collation exit {exit-number} initialized**

**Explanation** The specified collation exit supporting a collation descriptor field has been initialized.

**ADAU84** **{message-text}**

**Explanation** This message is issued during utility processing. The actual message text varies, depending on the utility, as described in the following table.

| Message Text | Utility | Description |
|---|---|---|
| Retained field definition table cleared for not loaded file *number* | ADACNV | While converting a database to Version 8, ADACNV encountered one or more FDTs stored in the FDT blocks for files that are not loaded in the database. These FDTs have been removed. |

**Action:** No action is required for this informational message.

**ADAU85** **Replication for file {fnr} is switched off because either the target DBID is not equal to the original DBID or replication is not active in the target database**

**Explanation** The file (*fnr*) to be restored to a database with a different DBID or to a database where replication is turned off has a nonzero Event Replicator Server target DBID set in the FCB. The target DBID will be reset for this file.

**Action** No action is required for this informational message. The Event Replicator Server target DBID for the file is reset automatically.

**ADAU86** **Possible LOB inconsistency encountered processing file {fnr}**
**Out-of-sync flag is set**
**base file={base-fnr}, LOB file={lob-fnr}**

**Explanation** While processing the file (*fnr*) listed in the message, which is part of a LOB file group, the utility detected that one file in the group is out-of-sync with the other file. The base file number (*base-fnr*) and the LOB file number (*lob-fnr*) are also given in the message. The utility detects this condition and ends with return code 4 or 8.

This problem can occur if, through a logically incorrect sequence of utility operations, either or both files were exported from and reimported into the database, but not put back to the same point in time. In other words, one file would contain the results of a LB field update that the other, associated, file does not contain.

**Action** Investigate the sequence of utility operations on the files involved and determine why they are not in sync. Take actions to bring them back in sync. Then, if necessary, run the following function to mark the two files as being in sync.

```
ADADBS MODFCB FILE=base-fnr,LOBFILE=lob-fnr
```

**ADAU87** **Possible LOB inconsistency encountered processing file {fnr}**
**Unable-to-track flag is set**
**base file={base-fnr}, LOB file={lob-fnr}**

**Explanation** While processing the file (*fnr*) listed in the message, which is part of a LOB file group, the utility detected that utility operations had been performed on the file group that left Adabas unable to track the LOB-update-status of the files. The base file number (*base-fnr*) and LOB file number (*lob-fnr*) are also given in the message. The utility that detects this condition ends with return code 4.

The LOB-update-status values of the files in a LOB file group reflect the LOB values in a base or LOB file when the file is exported from or imported to the database. Most utility operations either preserve the LOB-update-status of a file or change it to a defined new value, but some do not. In this case, the unable-to-track flag is set to signal that Adabas has become unable to guarantee that utility operations have kept the LOB file group in sync.

**Action** If you know that no (logically incorrect) utility operations were performed that put the files in a LOB file group out of sync, you can use the following function to mark the two files as being in sync.

```
ADADBS MODFCB FILE=base-fnr,LOBFILE=lob-fnr
```

**ADAU88** **Possible LOB inconsistency encountered processing file**
**LOB-update-status mismatch**
**base file={base-fnr}, update-status={stat-val1}**
**LOB file={lob-fnr}, update-status={stat-val2}**

**Explanation** While processing the file (*fnr*) listed in the message, which is part of a LOB file group, the utility detected that the base file and LOB file are out-of-sync. The base file number (*base-fnr*) and LOB file number (*lob-fnr*) and their respective LOB-update-status values (*stat-val1* and *stat-val2*) are also given in the message. The utility ends with return code 4 or 8.

The LOB-update-status values of the files in a LOB file group reflect the LOB values in a base or LOB file when the file is exported from or imported to the database. As LOB operations are performed on the LOB file group, the LOB-update-status value changes for both files at the same time, resulting in a status value that is different if either or both files are exported or imported again.

A mismatch condition can occur if a logically incorrect sequence of utility operations caused the files to contain the results of different LOB updates.

**Action** Investigate the sequence of utility operations on the files involved and determine why they are not in sync. Take actions to bring them back in sync. Then, if necessary, run the following function to make the two files as being in sync.

```
ADADBS MODFCB FILE=base-fnr,LOBFILE=lob-fnr
```

**ADAU89** **Unable to establish or validate the basefile-LOB file linkage because one of the files was locked or not loaded**

**Explanation** ADALOD could not establish the complete linkage between the base file and the LOB file because the file specified in the BASEFILE or LOBFILE parameter was either locked or not loaded.

ADALOD sets part of the file linkage only in the file just loaded and ends with return code 4.

**Action** If the other file does not exist, specify the correct BASEFILE or LOBFILE parameter when loading that file. This will establish the complete base-file-LOB file linkage.

If the other file is locked, wait until the utility function that locked the files has ended. Then, check whether the base file-LOB file linkage is in place (for example, using ADAREP). If necessary, you can use the following function to reestablish the base file-LOB file linkage:

```
ADADBS MODFCB FILE=base-fnr,LOBFILE=lob-fnr
```

**ADAU91** **The last formatted ISN was not set for file {fn}.**
**This will be set to MAXISN at utility completion.**
**The last formatted secondary ISN was not set for file {fn}.**
**This will be set to MAXISN2 at utility completion.**

**Explanation** The last formatted ISN or secondary ISN was not set for the file listed in the message (*fn*). When the utility completes, the last formatted ISN will be set to the value of MAXISN or the last formatted secondary ISN will be set to the value of MAXISN2.

**Action** No action is required for this informational message.

**ADAU92** **{utility} still initializing**

**Explanation** This message is a response to the utility DSTAT operator command, if the corresponding utility is still in its initialization phase.

**Action** No action is required for this informational message.

**ADAU93** **ADACHK File={fn}, Processing {fx-name} in progress**

**Explanation** This message is returned when the DSTAT operator command is issued against a running ADACHK process. The file number (*fn*) and the ADACHK function name (*fx-name*) are given in the message. Possible function names are "ACCHECK", "DSCHECK", "ICHECK", or "VALIDATE".

**Action** No action is required for this informational message.

**ADAU94** **MAXRECL ignored with files enabled for spanned data storage records**

**Explanation** The ADALOD or ADAORD utilities were run, specifying the MAXRECL parameter, against files with spanned Data Storage records. The MAXRECL parameter is ignored and the utility ends with return code 4.

**Action** No action is required for this informational message.

**ADAU95** **MIXDSDEV ignored with files enabled for spanned data storage records**

**Explanation** The ADALOD utility was run, specifying the MIXDSDEV parameter, against files with spanned Data Storage records. The MIXDSDEV parameter is ignored and the utility ends with return code 4.

**Action** No action is required for this informational message.

**ADAUL0** **Error opening license file DD:*ddname***

**Explanation** An error occurred loading the license load module and then opening the license file specified by the DD statement. Where *ddname* is the DD name for the license sequential file. The name is concatenated from the string DDL and the product code *ccccc*.

**Action:** Provide the license as load module or assign the license file to the *ddname* in the JCL.

**ADAUL1** **License file size exceeds limit**

**Explanation** The license being read is larger than expected (8000 bytes).

**Action:** Verify that you are using the original license file obtained from Software GmbH.

**ADAUL2** **Error reading license file DD:*ddname***

**Explanation** An empty file or invalid record structure was detected. Where *ddname* is the DD name for the license sequential file. The name is concatenated from the string DDL and the product code *ccccc*.

**Action:** Verify that the license file has been copied correctly to the license data set. The file should not be empty and the data should not have been converted to EBCDIC (it should be in ASCII format).

**ADAUL3** **Error license function *fx* subfunction *sfx* returned *err***

**Explanation** An unexpected error occurred while performing the Adabas license check. The license function (*fx*), subfunction (*sfx*) and return code (*err*) are given in the message.

**Action:** Examine the Adabas utility JCL and verify that the Adabas license is available as load module ADALIC or is assigned with the link (DD) name DDLIC.

**ADAUL4** **License module could not be loaded**

**Explanation** The license processor module could not be loaded.

**Action:** Verify that the modules from the MLC*vrs* load library can be loaded by the Adabas utility.

**ADAUL6** **License check failed for *ccccc***

**Explanation** The license file is physically correct, but some license property was found that did not match your Adabas utility execution environment. Where *ccccc* is the product code where the license was checked. This is a final message, accompanied by another message specifying details of the failure.

**Action:** Contact your Software GmbH sales representative to resolve the discrepancy between your license file and your execution environment.

**ADAUL7** **License check completed for *ccccc***

**Explanation** The license check completed successfully. Where *ccccc* is the product code where the license was checked.

**Action:** No action is required for this informational message.

**ADAUL9** ***ccccc*LIC license could not be loaded**

**Explanation** The license module *ccccc*LIC for Adabas or an add-on identified by product code *ccccc* could not be loaded.

**Action:** Verify that the installation of the license file occurred correctly. For more information, read about the Adabas database installation steps for your operating environment. If problems persist, contact your technical support representative for assistance.

**ADAULA** **Error using MLC version older than {vvvv}**

**Explanation** The product license check works with the separate component Mainframe License Check (MLC). For a correct interaction with MLC a minimum version *vvvv* is required.

**Action** Update the MLC component and rerun the job.

# 34 ADAX* - Adabas Cluster Nucleus Messages

**ADAX01** **{dbid} NUCID {nucid} on system {system} {status}**

**Explanation** A nucleus entered or left the Adabas cluster.

Adabas nucleus cluster members that were identified as active at initialization are indicated with status 'is present'. Post-initialization changes to Adabas cluster membership are indicated with status 'has joined'; 'has withdrawn'; or 'has failed'.

**Action** No action is required for this informational message.

**ADAX02** **{dbid} System {sysn} status monitor update missing**

**Explanation** XCF reported that the named system (*sysn*) is not responding. This affects all XCF users on that system, not just Adabas. Until communications are restored, all nuclei on that system may not be able to respond to critical intracluster synchronization messages before the message times out.

**Action** Attempt to restore XCF communications with the named system.

**ADAX03** **{dbid} System {sysn} status monitor update resumed**

**Explanation** After missing one or more status monitoring intervals, the named system (*sysn*) is now responding to XCF communications.

**Action** No action is required for this informational message.

**ADAX04** **{dbid} NUCID {nucid} on system {sysn} status monitor update missing**

**Explanation** XCF reported that the identified nucleus (*nucid*) on the identified system (*sysn*) is not updating its heartbeat monitor. It is likely that the nucleus is not able to process commands, including critical intracluster synchronization messages.

**Action** Determine why the nucleus is not able to update its heartbeat monitor. The nucleus may be hung or looping, or there may be other processes in the system preventing the nucleus from getting sufficient CPU allocations.

**ADAX05** **{dbid} NUCID {nucid} on system {sysn} status monitor update resumed**

**Explanation** The identified nucleus (*nucid*) on the identified system (*sysn*) has resumed updating its heartbeat monitor.

**Action** No action is required for this informational message.

**ADAX07** **{dbid} Member {membername} on {systemname reason}**

**Explanation** During nucleus initialization an existing nucleus had not yet synchronized by processing the ADAXCF IXCJOIN signal. This may not be an error unless the condition persists through retries of the synchronization message.

This message is always followed by message **ADAX08**. The *membername* is the nucleus's identification to z/OS XCF. It is of the form "DB*ddddd*P*ppppp*N*nn*", where *ddddd* is the DBID, *ppppp* is the external nucleus ID (NUCID) from the ADARUN parameter, and *nn* in the internal NUCID assigned by Adabas. The identified member is on the system identified in the message in *systemname*. The specific condition is described in the message as one of the following *reason*s:

| *reason* | Description | Action |
|---|---|---|
| Not synchronized | This nucleus responded to the synchronization query and indicated it had not yet processed the IXCJOIN signal. | The synchronization query will be retried.<br><br>No action is required. |
| No response to synchronization | This nucleus did not respond to the synchronization query before it timed out. | The synchronization query will be retried.<br><br>No action is required. |
| Unknown synchronization responder | This XCF member was not known to Adabas. If ADAXCF could not retrieve the member name from XCF, question marks will fill *membername* and *systemname* and there will be an associated **ADAX28** message describing the return and reason codes from IXCQUERY.<br><br>The response from this XCF group member is ignored. | Investigate the members of the XCF group. The z/OS operator command `D XCF,GROUP,groupname,{membername \| ALL}`, where *groupname* is the ADARUN parameter CLUGROUPNAME setting, may provide more information. |

**Action** Review the table above for appropriate actions.

**ADAX08** **{dbid} {nn} nuclei synced, {nn} not synced, {nn} no response**

**Explanation** During nucleus initialization one or more existing nuclei did not indicate they had processed the ADAXCF JOIN signal. Specific information about each nonsynchronized member is given by a previous **ADAX07** messages.

The synchronization query will be retried once. If all are not then synchronized, nucleus initialization will fail.

**Action** No action is required for this informational message. Review the actions for the accompanying **ADAX07** messages.

**ADAX09** **{dbid} Post NUC {nucid} failed - RET {return-code} RSN {reason-code}**

**Explanation** This message may appear when another nucleus terminates.

**Action** No action is necessary if the other nucleus is terminating abnormally. If the message occurs in an otherwise normal nucleus session, contact your technical support representative.

**ADAX11** **{dbid} Adabas cluster messaging initialization failed**

**Explanation** An error described in preceding messages prevented successful initialization of Adabas cluster messaging services. Nucleus initialization fails with PARM-ERROR 092.

**Action** Correct the problem identified in the preceding messages.

**ADAX12** **{dbid} Unable to obtain {AXMVT | ADAMCB} storage**

**Explanation** A request to obtain storage from the work pool for Adabas cluster messaging service control structures failed. Nucleus initialization fails with PARM-ERROR 092.

**Action** Increase the amount of virtual storage available. Alternatively, adjust ADARUN parameters to allow for a larger work pool or decrease ADARUN parameters NT and NU to require fewer AXMCBs.

**ADAX13** **{dbid} Error {subcode} replying to {nucid} message {msgnum}**

**Explanation** An error occurred while replying to an intracluster command originating from the nucleus whose nucleus ID is given in the message (*nucid*). The reply could not be sent. The error code given in the message (*subcode*) is one of the possible subcodes for response code 123 (ADARSP123). The originating nucleus message sequence number is also given in the message (*msgnum*).

The originating nucleus will continue to wait for a reply until the message times out or the nonresponding nucleus ends.

**Action** If the reason for the error cannot be determined and corrected, notify your Software GmbH technical support representitive.

**ADAX14** **{dbid} Statistics for {type}-type messages**
**{dbid} Messages sent {nn} replies sent {nn}**
**{dbid} Messages arrived {nn} messages accepted {nn}**

**Explanation** Produced during normal nucleus termination, this message provides Adabas Cluster Services messaging service statistics:

| | |
|---|---|
| messages sent | reflects the number of internucleus messages initiated from this nucleus |
| messages arrived | is the count of asynchronous incoming messages queued for the nucleus (normally, the same as 'messages accepted') |
| messages accepted | is the count of those messages the nucleus processed (normally, the same as 'messages arrived') |
| replies sent | is the count of nucleus responses to accepted messages that required a response. |

**Action** No action is required for this informational message.

**ADAX15** **{dbid} AXMCB allocated {nn} used {nn} total requests {nn}**

**Explanation** Produced during normal nucleus termination, this message provides Adabas cluster messaging service statistics:

| | |
|---|---|
| AXMCB allocated | number of internucleus message control blocks allocated. |
| AXMCB used | number of internucleus message control blocks used. |
| total requests | total number of requests to use the allocated internucleus message control blocks. |

**Action** No action is required for this informational message.

**ADAX16** **{dbid date time statistic}**

**Explanation** This message is used to display the output from the DXMSG operator command on the console.

**Action** No action is required for this informational message.

**ADAX20** **{dbid} XCF transport initialization complete**

**Explanation** The z/OS XCF transport service successfully initialized.

**Action** No action is required for this informational message.

**ADAX21** **{dbid} {error-text}**

**Explanation** The error specified by one of the following error texts occurred during the z/OS XCF transport service initialization check:

| Error Text | Explanation | Action |
|---|---|---|
| Existing XCF group member *xcf-member* uses different AXMCB version | The cluster member listed in the message is not using the same version of Adabas as the other nuclei in the cluster. All Adabas sysplex cluster nuclei generate *xcf-member* names in the format:<br><br>DB*ddddd*p*pppp*N*nn*<br><br>-where *ddddd* is the database ID, *ppppp* is the nonzero nucleus ID, and *nn* is an internal ordinal identifier. | Check that all nuclei in the cluster use the same Adabas versions and the same Adabas Cluster versions. |
| Existing XCF group member *xcf-member* uses different DBID | An Adabas sysplex cluster nucleus that is already active in the same XCF group is using a different DBID. All Adabas sysplex cluster nuclei generate *xcf-member* names in the format:<br><br>DB*ddddd*p*pppp*N*nn*<br><br>-where *ddddd* is the database ID, *ppppp* is the nonzero nucleus ID, and *nn* is an internal ordinal identifier. | Verify that ADARUN parameters DBID and CLUGROUPNAME are correct in all nuclei participating in the sysplex cluster. Contact your Software GmbH technical support representative if you are unable to resolve the problem. |
| Incompatible AXMCB version | The Adabas Cluster Services modules you are using are not compatible with the Adabas running. | Contact your technical support representative for assistance. |
| Incompatible AXMVT version | The Adabas Cluster Services modules you are using are not compatible with the Adabas running. | Contact your technical support representative for assistance. |
| Invalid group name | The ADARUN parameter CLUGROUPNAME was omitted or invalid. | Correct the ADARUN parameter. CLUGROUPNAME must begin with an alphabetic character, may not begin with SYS, and may not be UNDESIG. |
| Invalid user state data from existing member *xcf-member* | The control information presented for a member already connected to the XCF group was not formatted as a proper Adabas sysplex cluster nucleus or had a different DBID. The | Identify the source of *xcf-member*. If it is an Adabas sysplex cluster nucleus, make sure the parameters NUCID, |

| Error Text | Explanation | Action |
|---|---|---|
| | preexisting member may be an Adabas sysplex cluster nucleus associated with a different DBID, or it may be another process using the same XCF group name. All Adabas sysplex cluster nuclei generate *xcf-member* names in the format:<br><br>`DBddddd ppppp Nnn`<br><br>-where *ddddd* is the database ID, *ppppp* is the nonzero nucleus ID, and *nn* is an internal ordinal identifier. | CLUGROUPNAME, and DBID are correct. There may be additional information in messages generated by the other nucleus. If it is not an Adabas sysplex cluster nucleus, contact your systems programmer or support representative. If you are unable to resolve the problem, contact your technical support representative. |
| IXCJOIN failed, duplicate NUCID and XCF member name | XCF service IXCJOIN reported the member name requested by this nucleus was already active in the XCF group. The member name is derived from the ADARUN parameters DBID and NUCID and an internal number assigned during nucleus initialization. Any return and reason codes included with this message are defined in the IBM documentation entitled *MVS Programming: Sysplex Services Reference*. | Verify that ADARUN parameter DBID is correct and NUCID is unique among all nuclei participating in the Adabas sysplex cluster. Contact your Software AG technical support representative if you are unable to resolve the problem. |
| IXCJOIN failed or retry count exhausted | An error was reported by XCF service IXCJOIN. Message ADAX28 provides the return and reason code from IXCJOIN. These return and reason codes are defined in the IBM documentation entitled *MVS Programming: Sysplex Services Reference*. An error may result from XCF options specified for your installation by your systems programmer. | Contact your Adabas technical support representative if you are unable to resolve the problem. |
| IXCMSGO failed | XCF service IXCMSGO reported an error attempting to broadcast the initialization synchronization query. | If the error reoccurs, contact your technical support representative for assistance. |
| IXCQUERY failed | An error was reported by IBM XCF service IXCQUERY. Message ADAX28 provides the return and reason code from IXCQUERY. These are defined in the IBM documentation. | Contact your Adabas technical support representative for assistance. |

| Error Text | Explanation | Action |
|---|---|---|
| NUCID already active | XCF initialization found an active Adabas sysplex cluster nucleus with the same NUCID. | Verify that ADARUN parameter NUCID is unique among all nuclei participating in the Adabas sysplex cluster. |
| Too many members exist in XCF group | IXCQUERY identified an unexpected number of preexisting members in the XCF group. | Contact your technical support representative for assistance. |
| Unable to synchronize | The retry count for the initialization synchronization query is exhausted. One or more existing nuclei did not report synchronization. | If the error reoccurs, contact your technical support representative for assistance. |
| XCF latch set creation failed | An error was reported by the IBM latch set creation routine ISGLCRT. | Contact your technical support representative for assistance. |
| XCF transport initialization failed | The initialization of the Adabas sysplex cluster's messaging service failed and nucleus initialization failed with PARM error 092. The reason for the failure is indicated in a previous message. | Review the previous messages to resolve the error. Contact your technical support representative for assistance. |

**Action** The user actions are given in the table above. If the problem persists, contact your technical support representative for assistance.

**ADAX22** **{dbid} Status monitor update missed**

**Explanation** This nucleus was notified by XCF that it failed to update its heartbeat monitor within the interval specified by ADARUN parameter MXSTATUS. XCF will notify all other nuclei registered to the same XCF group, each of which may issue message ADAX04.

**Action** Determine why this nucleus is not able to update its heartbeat monitor. The nucleus may be hung or looping, or there may be other processes in the system preventing the nucleus from getting sufficient CPU allocations.

**ADAX23** **{dbid} Status monitor update resumed after {nn} seconds**

**Explanation** After missing one or more status monitoring intervals, this nucleus has resumed updating its heartbeat monitor. XCF will notify all other nuclei registered to the same XCF group, each of which may issue message ADAX05. This message reports the number of seconds (*nn*) since the missing status update was first detected and the related ADAX22 message was printed.

**Action** No action is required for this informational message.

**ADAX24** **{dbid} {error-text}**

**Explanation** An error occurred while processing an incoming asynchronous message. This message appears only in the z/OS Adabas nucleus JESLOG listing, SYSLOG or operator's console. One of the following error texts is given in this message:

| Error Text | Explanation | Action |
|---|---|---|
| AXMCB allocation failed in XCF message exit | A message control block to describe the incoming message could not be obtained from the pool. | Adjust ADARUN parameters NT and NU to increase the number of AXMCBs created at initialization. Contact your technical support representative if you are unable to resolve the problem. |
| Buffer allocation failed in XCF message exit | A buffer for the incoming message could not be obtained. | Provide more storage by increasing the REGION JCL parameter. Contact your technical support representative if you are unable to resolve the problem. |
| Invalid incoming MSGCNTL header in XCF message exit | The control information presented for the incoming message was not formatted as a proper Adabas cluster nucleus or had a different DBID. This may result if a message was sent from an XCF group member previously cited in message ADAX27. | See message **ADAX27**. Contact your technical support representative if you are unable to resolve the problem. |
| Out of sequence or missing segments in XCF message exit | The segments of a message whose length required it to be sent in multiple segments did not arrive in the expected order. | Contact your technical support representative for assistance. |
| Segmented message timed out in XCF message exit | A message whose length required it to be sent in multiple segments was not complete at the expiration of the timeout interval. This may be the result of an error on the sending nucleus, an XCF error, or contention for system resources. | Contact your technical support representative if you are unable to resolve the problem. |
| Unable to receive segment in XCF message exit | An error was reported from the XCF IXCMSGI service when attempting to receive the message. Message ADAX28 provides the IXCMSGI return and reason codes. These return and reason codes are defined | Contact your technical support representative if you are unable to resolve the problem. |

| Error Text | Explanation | Action |
|---|---|---|
| | in the IBM documentation entitled *MVS Programming: Sysplex Services Reference*. | |
| Unable to save message segment in XCF message exit | An error was reported from the XCF IXCMSGC service when attempting to save the message. Message **ADAX28** provides the IXCMSGC return and reason codes. These return and reason codes are defined in the IBM documentation entitled *MVS Programming: Sysplex Services Reference*. There may not be sufficient resources allocated in your installation to save the message. | Contact your systems programmer or technical representative to determine if XCF is experiencing a shortage of resources. Contact your Software GmbH technical support representative if you are unable to resolve the problem. |

**Action** The user actions are given in the table above. If the problem persists, contact your technical support representative for assistance.

**ADAX25** **Status monitoring removed by XCF**

**Explanation** The z/OS XCF service detected an error in the status monitoring exit. Status monitoring is no longer available for this member.

**Action** Contact your technical support representative for assistance.

**ADAX26** **{dbid} Invalid user state data from {xcf-member}**

**Explanation** An error occurred when processing a member state change event generated by the z/OS XCF messaging transport service as a member attempted to join the XCF group. The control information presented for the XCF group member attempting connection was not formatted as a proper Adabas sysplex cluster nucleus or had a different DBID. The joining member may be an Adabas sysplex cluster nucleus associated with a different DBID or it may be another process using the same XCF group name. All Adabas sysplex cluster nuclei generate *xcf-member* names in the format:

```
DBddddddppppNnn
```

where:

| | |
|---|---|
| *ddddd* | is the database ID |
| *ppppp* | is the nonzero NUCID |
| *nn* | is an internal ordinal identifier |

The member state change event is discarded.

**Action** Identify the source of *xcf-member*. If it is an Adabas sysplex cluster nucleus, make sure the parameters NUCID, CLUGROUPNAME, and DBID are correct and notify your Adabas technical support representative if this does not correct the problem. There may be additional information in the messages for the nucleus attempting to join. If it is not an Adabas sysplex cluster nucleus, notify your system programmer or support representative.

**ADAX27** **{dbid} No room in AXCFVT table for {xcf-member}**

**Explanation** An error occurred when processing a member state change event generated by the z/OS XCF messaging transport service.

**Action** Contact your Adabas technical support representative. The member state change event is discarded.

**ADAX28** **{dbid} {xcf-service-routine} RET {return-code} RSN {reason-code}**

**Explanation** This message appears only in the z/OS Adabas nucleus JESLOG listing, SYSLOG, or operator's console. It is issued for certain XCF message transport service requests during initialization and termination, and whenever a request fails. Refer to IBM documentation entitled *MVS Programming: Sysplex Services Reference* for descriptions of the various return and reason codes for each XCF service.

**Action** This message may be associated with an error condition reflected in other messages, or may have caused an Adabas cluster message request to fail. If an associated error is identified, include this message when contacting your technical support representative.

**ADAX29** **{dbid} Adabas abend in XCF exit DBID {dbid} NUCID {nucid} abend {routine} S{nnn }U{nnnn} reason {rsn} PSW {psw} REG 0-3 r{eg 0 reg 1 reg 2 reg 3} REG 4-7 {reg 4 reg 5 reg 6 reg 7} REG 8-B {reg 8 reg 8 reg 10 reg 11} REG C-F {reg 12 reg 13 reg 14 reg 15}**

**Explanation** A program check or system abend was intercepted by the z/OS XCF messaging transport service FRR or ESTAE routine. The error may have occurred under an SRB.

The nucleus should terminate. A dump may be produced in SDUMP format, either in one of the nucleus-allocated files SYSUDUMP, SYSMDUMP, or SYSABEND; or in a system-allocated file such as SYS1.DUMPn.

**Action** Contact your technical support representative for assistance.

**ADAX2A** **{dbid} {message-text}**

**Explanation** This message is returned by the Adabas Parallel Services messaging module ADASMM, also called the SMM facility.

One of the following message texts can appear in this message:

| Message Text | Explanation | Action |
|---|---|---|
| Incompatible AXMVT version | The Adabas Parallel Services modules you are using are not compatible with the Adabas running. | Check that your Adabas Parallel Services library is compatible with your Adabas library. If the problem persists, contact your Software GmbH technical support representative for assistance. |
| TI-0, initialized, RC *return-code* | ADASMM initialized successfully. | No action is required for this informational message. |
| TI-1, cannot get work memory | The attempt to acquire memory for the ADASMM work area failed. ADASMM terminates. | Contact your technical support representative for assistance. |
| TI-2, cannot get PLXCB | The attempt to acquire an Adabas Parallel Services control block (MPM 76 call) failed. ADASMM terminates. | Contact your technical support representative for assistance. |
| TI-3, cannot load PLXDEP | The attempt to load the operating system interface module PLXDEP failed. ADASMM terminates. | Contact your technical support representative for assistance. |
| TI-4, memstate call NUCID: *nucid*, RC *return-code* | The specified hexadecimal return code was received from the member state table interface call for the specified nucleus ID. | Analyze the return code and correct the error. |
| TI-5, Error in post NUCID: *nucid*, RC *return-code* | The specified hexadecimal return code was received from the cross-memory post (MPM 80) routine to the specified nucleus ID. | Analyze the return code and correct the error. |
| TI-6, NUCID: *nucid* reported active - inconsistent PLXCB | A fatal error occurred during initialization. The cluster control block PLXCB reported incorrectly that the nucleus (NUCID) was active. The PLXCB is therefore inconsistent and initialization fails with response code 8 (ADARSP008). | Restart the cluster cleanly. |
| *dbid* TI-9, error set process token: *xx* | A fatal error occurred in obtaining the process token value xx as returned from the Adabas | Note the response code delivered and contact your Software GmbH technical |

| Message Text | Explanation | Action |
|---|---|---|
| | Operating System interface ADAIOR, where *dbid* is the database ID of the SMP cluster. | support representative for assistance. |

**Action** The user actions are given in the table above. If the problem persists, contact your technical support representative for assistance.

**ADAX2B** **{dbid} {message-text}**

**Explanation** This message is returned by the Adabas Parallel Services messaging module ADASMM, also called the SMM facility.

One of the following message texts can appear in this message:

| Message Text | Explanation | Action |
|---|---|---|
| TT-0, SMM not yet initialized | The termination call was made without a previous successful initialization call. The SMM facility terminates. | Contact your technical support representative for assistance. |
| TT-1, SMM terminating | The SMM facility is terminating. | Contact your technical support representative for assistance. |
| TT-2, memstate call, NUCID: *nucid*, RC *return-code* | The specified hexadecimal return code was received from the member state table interface call to the specified nucleus ID. | Analyze the return code and correct the error. |

**Action** The user actions are given in the table above. If the problem persists, contact your technical support representative for assistance.

**ADAX2C** **{dbid} {message-text}**

**Explanation** This message is returned by the Adabas Parallel Services messaging module ADASMM, also called the SMM facility.

One of the following message texts can appear in this message:

| Message Text | Explanation | Action |
|---|---|---|
| SM-0, SMM not initialized yet | A send call was made without a previous successful initialization. ADASMM terminates. | Contact your technical support representative for assistance. |
| SM-1, timer call, RC *response-code* | The specified hexadecimal response code was returned from a call to set up a timeout interval. | Analyze the response code and correct the error. |

| Message Text | Explanation | Action |
|---|---|---|
| SM-2, No UB available, RC *response-code* | The specified hexadecimal response code was returned by the call to acquire a user buffer. | Analyze the response code and correct the error. |
| SM-3, Cannot find ECB element | An event control block is required in order to send a message. This control block cannot be acquired because the table is full. | The size of the table is based on the ADARUN NC parameter. Increase the value of the ADARUN NC parameter to increase the table size. |
| SM-4, Reply error, NUCID: *nucid*, RC *response-code* | The specified hexadecimal response code was returned by the specified (external) NUCID. | Analyze the response code and correct the error. |

**Action**

The user actions are given in the table above. If the problem persists, contact your technical support representative for assistance.

**ADAX2D** **{dbid} {message-text}**

**Explanation**

This message is returned by the Adabas Parallel Services messaging module ADASMM, also called the SMM facility.

One of the following message texts can appear in this message:

| Message Text | Explanation | Action |
|---|---|---|
| RM-0, SMM not yet initialized | A receive call was made without a previous successful initialization. ADASMM terminates. | Contact your technical support representative for assistance. |
| RM-1, reply ECB not found, RC *response-code* | Every ADASMM message needs an event control block, which is held in a table. The required receive messages does not have an equivalent event control block entry set by a send. | Analyze the response code and correct the error. |

**Action**

The user actions are given in the table above. If the problem persists, contact your technical support representative for assistance.

**ADAX2E** **{dbid} {message-text}**

**Explanation**

This message is returned by the Adabas Parallel Services messaging module ADASMM, also called the SMM facility.

One of the following message texts can appear in this message:

| Message Text | Explanation | Action |
|---|---|---|
| QU-0, SMM not yet initialized | A query member call was made without a previous successful initialization. ADASMM terminates. | Contact your technical support representative for assistance. |
| QU-1, bad function code *code* | The calls to ADASMMQU have a function code. The function code "code" is out of range. This is an internal error. ADASMM terminates. | Contact your technical support representative for assistance. |

**Action** The user actions are given in the table above. If the problem persists, contact your technical support representative for assistance.

**ADAX2F** **{dbid} TM-0, SMM not initialized yet**

**Explanation** This message is returned by the Adabas Parallel Services messaging module ADASMM, also called the SMM facility.

A call was made to terminate the cluster session without a previous successful initialization call.

**Action** ADASMM terminates.

**ADAX2G** **{dbid} CM-0, SMM not yet initialized**

**Explanation** This message is returned by the Adabas Parallel Services messaging module ADASMM, also called the SMM facility.

A cancel call was made without a previous successful initialization.

**Action** ADASMM terminates.

**ADAX2H** **{dbid} {message-text}**

**Explanation** This message is returned by the Adabas Parallel Services messaging module ADASMM, also called the SMM facility.

One of the following message texts can appear in this message:

| Message Text | Explanation | Action |
|---|---|---|
| CME-0, SMM not yet initialized | A receive exit call was made without a previous successful initialization. ADASMM terminates. | Contact your technical support representative for assistance. |
| CME-1, cannot find ECB element | An event control block was received in the database for ADASMM. The equivalent event control block for the message that was sent cannot be found. | Ensure that the ECB for the message sent is available. |

| Message Text | Explanation | Action |
|---|---|---|
| TIMEX-0, SMM not yet initialized | A timer exit call was made without a previous successful initialization. ADASMM terminates. | Contact your technical support representative for assistance. |
| *dbid* TIME-1, msg to *ccccc* timed out | An attempt to send a message to cluster *ccccc* timed out, with no response. | This is a warning. Contact your technical support representative for assistance. |

**Action**

The user actions are given in the table above. If the problem persists, contact your technical support representative for assistance.

**ADAX2I** **{dbid} {message-text}**

**Explanation**

This message is returned by the Adabas Parallel Services messaging module ADASMM, also called the SMM facility.

One of the following message texts can appear in this message:

| Message Text | Explanation | Action |
|---|---|---|
| SS-1, target gone, ID *nucid* | The cluster nucleus with the specified (external) NUCID left the cluster. | No action is required for this informational message. |
| SS-2, memstate, ID *int-nucid* IND *idx-num* EXT *nucid* state *nn* | This message provides information about calls to the member state table manager from the SMM facility where:<br>■ *int-nucid* is the nucleus indicator entry for the cluster nucleus in the member state table (internal).<br>■ *idx-num* is the index number of the internal nucleus indicator entry.<br>■ *nucid* is the user-specified (external) NUCID number, or zero (0) for a noncluster nucleus.<br>■ *nn* is the status of the nucleus: 03 to activate or 00 to release. | No action is required for this informational message. |
| SS-3, ACB to ID *nucid*, RC *rsp-code*, AD2 *value* | An error has occurred in cluster communication. The cluster nucleus that returned the message is identified by the (external) NUCID. The response code is provided as well as the contents of the command ACB's or ACBX's Additions 2 field. | This is a warning. Contact your technical support representative for assistance. |

**Action** The user actions are given in the table above. If the problem persists, contact your technical support representative for assistance.

**ADAX31** **{dbid} Opening Work data set for NUCID={nucid}**

**Explanation** This nucleus is about to open the Work data set of the nucleus with the specified (external) NUCID. Either nucleus is starting.

**Action** No action is required for this informational message.

**ADAX32** **{dbid} Open failed. IOR code=X'{rc}', system code=X'{ssss}'

**Explanation** This nucleus tried to open the Work data set of the nucleus with the NUCID '*nucid*' (message ADAX31), but the open failed. ADAIOR issued response code '*rc*' (in hexadecimal), and the system's return code is '*ssss*' (in hexadecimal).This message is preceded by an ADAI62 message detailing the name of the Work data set that could not be opened.

The current operation of the nucleus fails. If the nucleus was processing a request from another nucleus to join the cluster, the session start of the other nucleus will fail.

**Action** Determine why opening the Work data set failed. Possible causes include the following:

- the Work data set or its catalog entry is inaccessible or has been damaged; or
- the PPT block containing the name of the Work data set has been damaged.

If possible, correct the error and restart the nucleus. If this error occurs during a session autorestart and cannot be resolved, the database must be restored and regenerated.

If in doubt, contact your technical support representative.

**ADAX33** **{dbid} Bad Work block for NUCID={nucid} timestamp mismatch -- RABN={rrrr}**

**Explanation** This nucleus encountered a Work block in which the timestamp at the beginning of the block did not match the control timestamp at the end of the block. The last write of the block was incomplete, or the block has been damaged for another reason. It is inconsistent and cannot be used for recovery. The block was read from the Work data set of the nucleus with the NUCID '*nucid*'. Its RABN is '*rrrr*'.

**Action** If this error occurs during a session autorestart, the database must be restored and regenerated. If in doubt, contact your technical support representative.

**ADAX34** **{dbid} Closing Work dataset for NUCID={nucid}**

**Explanation** This nucleus is about to close the Work data set of the nucleus with the specified (external) NUCID. Either this nucleus is terminating or the other nucleus has terminated.

**Action** No action is required for this informational message.

**ADAX35** **{dbid} Close failed. IOR code=X'{rc}', system code=X'{ssss}'

**Explanation** This nucleus tried to close the Work data set of the nucleus with the NUCID '*nucid*' (message ADAX34), but the close operation failed. ADAIOR issued response code '*rc*' (in hexadecimal), and the system's return code is '*ssss*' (in hexadecimal).

The nucleus ignores this error and continues normally. However, it is conceivable that this error may cause a subsequent error when a Work data set is being opened.

**Action** Try to determine why closing the Work data set failed, and if possible, correct the error. Consider shutting down the nucleus and restarting it to clean up any remnant of the close error.

**ADAX36** **{dbid} Using Work dataset for NUCID={nucid}**

**Explanation** This nucleus is reusing a Work data set (of the nucleus with the specified external NUCID) that it had already opened earlier.

**Action** No action is required for this informational message.

**ADAX37** **{dbid} Mismatching Work datasets for NUCID={nucid}**
**Old name={old-dataset-name}**
**New name={new-dataset-name}**

**Explanation** This nucleus has found two different Work data sets for the nucleus with the specified (external) NUCID. The message shows the name of the data set the nucleus had already opened ('*old-dataset-name*') and the name of the data set the nucleus was about to open ('*new-dataset-name*').

The current operation of the nucleus fails. If the nucleus was processing a request from the other nucleus to join the cluster, the session start of the other nucleus will fail.

**Action** Determine why the specified nucleus is associated with two different Work data sets. If the old data set name appears wrong or outdated, consider shutting down and restarting this nucleus (that printed this message).

**ADAX38** **{dbid} Peer nucleus {nucid} is accessing different Work dataset**

**Explanation** Another nucleus in the cluster (with the specified external NUCID) could not open the Work data set of this nucleus because it had already opened a different Work data set for this nucleus. The other nucleus reported this error in an ADAX37 message and rejected the attempt of this nucleus to join the cluster. The session start of this nucleus fails.

**Action** Determine why this nucleus is associated with two different Work data sets. If the old data set name appears wrong or outdated, consider shutting down and restarting the other nucleus (that printed the ADAX37 message).

**ADAX39** **{dbid} Peer nucleus {nucid} could not open Work dataset**

**Explanation** Another nucleus in the cluster (with the specified external NUCID) tried to open the Work dataset of this nucleus, but the open failed. The other nucleus reported the open error in an ADAX32 message. The session start of this nucleus fails.

**Action** Determine why opening the Work data set failed. If possible, correct the error and restart this nucleus. If this does not resolve the problem, consider shutting down and restarting the other nucleus (that printed the ADAX32 message).

**ADAX3A** **{dbid} Peer nucleus {nucid} got I/O error on Work dataset**

**Explanation** Another nucleus in the cluster (with the specified external NUCID) incurred an I/O error on the Work data set of this nucleus. The other nucleus reported the I/O error in an ADAX3C message. The session start of this nucleus fails.

**Action** Determine the cause of the I/O error. If possible, correct the error and restart this nucleus. If this does not resolve the problem, consider shutting down and restarting the other nucleus (that printed the ADAX3C message).

**ADAX3B** **{dbid} Peer nucleus {nucid} could not validate Work dataset**

**Explanation** Another nucleus in the cluster (with the specified external NUCID) found bad or unexpected data in the Work data set of this nucleus. The other nucleus reported the validation error in an ADAX3D message. The session start of this nucleus fails.

**Action** Determine whether the two nuclei really access the very same data set. This nucleus (which was starting) was accessing the data set via DDWORKR1. The other nucleus (which was already running) accessed the data set just via its name in the catalog.

If in doubt, contact your technical support representative.

**ADAX3C** **{dbid} I/O error on Work dataset of peer nucleus NUCID={nucid}, RABN={rrrr}**

**Explanation** This nucleus incurred an I/O error on RABN '*rrrr*' of the Work data set of the nucleus with the specified (external) NUCID and rejected the attempt of that nucleus to join the cluster. The session start of the other nucleus fails.

**Action** Determine the cause of the I/O error. If possible, correct the error and restart the other nucleus. If the I/O error does not appear to be permanent, consider shutting down and restarting this nucleus.

**ADAX3D** **{dbid} Unexpected data in Work dataset of peer nucleus NUCID={nucid}, RABN={rrrr}**

**Explanation** This nucleus found bad or unexpected data in RABN '*rrrr*' of the Work data set of the nucleus with the specified (external) NUCID and rejected the attempt of that nucleus to join the cluster. The session start of the other nucleus fails.

**Action** Contact your technical support representative.

**ADAX3E** **{dbid} Invalid internal NUCID {id}**

**Explanation** The nucleus encountered an internal NUCID (with the specified value) that was outside the allowed range of 1-32. This is an internal error.

The current operation of the nucleus fails. If the nucleus was processing a request from another nucleus to join the cluster, the session start of the other nucleus fails.

**Action** Contact your technical support representative. If the error is reproducible, provide a nucleus dump that is taken when this message is printed (e.g., on z/OS, using a SLIP trap with MSGID=ADAX3E).

**ADAX3F** **{dbid} Invalid external NUCID {nucid}**

**Explanation** The nucleus encountered an external NUCID (with the specified value) that was outside the allowed range of 1-65,000. This is an internal error.

The current operation of the nucleus fails. If the nucleus was processing a request from another nucleus to join the cluster, the session start of the other nucleus fails.

**Action** Try to determine where the invalid NUCID value originates from. If in doubt, contact your technical support representative. If the error is reproducible, provide a nucleus dump that is taken when this message is printed (e.g., on z/OS, using a SLIP trap with MSGID=ADAX3F).

**ADAX3G** **{dbid} Work dataset for external NUCID {nucid1} is already open for internal NUCID {id} and external NUCID {nucid2}**

**Explanation** The nucleus encountered two different external NUCIDs for the same internal NUCID. The message shows the internal NUCID ('*id*'), the external NUCID of a cluster nucleus ('*nucid1*') that was to be associated with the internal NUCID and the external NUCID of a nucleus ('*nucid2*') already associated with that internal NUCID.

**Action** Try to determine why two different nuclei in the cluster (as per their external NUCIDs) are attempting to use the same internal NUCID (the "INTNUCID" value in the ADAN03 message). The internal NUCID is derived from the PPT. Run `ADACHK PPTPRINT` to check the PPT and verify that every cluster nucleus is represented in the PPT.

If in doubt, contact your technical support representative.

**ADAX3H** **{dbid} Work dataset for internal NUCID {id1} is already open for external NUCID {nucid} and internal NUCID {id2}**

**Explanation** The nucleus encountered two different internal NUCIDs for the same external NUCID. The message shows the external NUCID ('*nucid*'), the internal NUCID of a cluster nucleus ('*id1*') that was to be associated with the external NUCID and the internal NUCID of a nucleus ('*id2*') already associated with that external NUCID.

**Action** Try to determine why the cluster nucleus with the specified external NUCID is being associated with two different internal NUCIDs (the "INTNUCID" value in the ADAN03 message). The internal NUCID is derived from the PPT. Run `ADACHK PPTPRINT` to

check the PPT and verify that every cluster nucleus is represented in the PPT exactly once. If in doubt, contact your Software GmbH technical support representative.

**ADAX40** **{dbid} Adabas abend in cache exit DBID {dbid} NUCID {nucid} abend {routine} S{nnn} U{nnnn }reason {rsn} PSW {psw} REG 0-3 {reg 0 reg 1 reg 2 reg 3} REG 4-7 {reg 4 reg 5 reg 6 reg 7} REG 8-B {reg 8 reg 8 reg 10 reg 11} REG C-F {reg 12 reg 13 reg 14 reg 15}**

**Explanation** A program check or system abend was intercepted by the z/OS XES parallel sysplex cache service FRR routine. The error occurred under an SRB.

The nucleus should terminate. A dump may be produced in SDUMP format, either in one of the nucleus-allocated files SYSUDUMP, SYSMDUMP, or SYSABEND; or in a system-allocated file such as SYS1.DUMPn.

**Action** Contact your Adabas technical support representative.

**ADAX41** **{dbid} ADANCX GETMAIN failed**

**Explanation** ADANCX is the nucleus extension module for Adabas cluster environments. The attempt to allocate space for this module failed.

**Action** Reduce memory requirements or expand the amount of memory available.

**ADAX42** **{dbid} GETMAIN failed**

**Explanation** An attempt to allocate space failed.

**Action** Reduce memory requirements or expand the amount of memory available.

**ADAX43** **{dbid} {ADAXEC | ADASMC} initialization error - {xxx}**

**Explanation** Internal error.

**Action** Contact your technical support representative.

**ADAX44** **{dbid} ADANCX cache-related GETMAIN failed**

**Explanation** ADANCX is the nucleus extension module for Adabas cluster environments. A second attempt to allocate space for this module failed.

**Action** Reduce memory requirements or expand the amount of memory available.

**ADAX45** **{dbid} Unexpected cache connection error - {xxx}**

**Explanation** An error occurred while connecting to the sysplex cache structure. See the following messages for the reason.

**Action** Correct the problem. If the action to take is not obvious, contact your Software GmbH technical support representative.

**ADAX46** **{dbid} GETMAIN failed after connect to cache**

**Explanation** An attempt to allocate space failed after Adabas was connected to the external cache structure.

**Action** Reduce memory requirements or expand the amount of memory available.

**ADAX47** **{dbid} Cache connect problem RC X{'xxxxxxxx}' reason X'{yyyyyyyy}'**

**Explanation** An error occurred while connecting to the sysplex cache structure. The 'x's identify cache-related return codes; the 'y's identify reason codes to explain the error.

**Action** If you are using Adabas Parallel Services, contact your technical support representative for assistance.

If you are using Adabas Cluster Services, see the IBM manual *MVS Programming: Sysplex Services Reference* for an explanation of the codes. Relevant information can be found in the Return and Reason Codes section of the macro IXLCONN. Common reason codes that occur due to configuration errors include the following:

| RC | Reason | Explanation |
|---|---|---|
| X'08' | X'xxxx084C' | Improper SAF authorization. Adabas is not authorized to connect to the structure. |
| X'0C' | X'xxxx0C05' | Structure not defined in CFRM policy, possibly due to a bad structure name parameter. |
| X'0C' | X'xxxx0C08' | No suitable coupling facility found for structure allocation. |
| X'0C' | X'xxxx0C29' | The CFRM function is not active or not available. |

**ADAX48** **{dbid} Cache disconnect RC {rrr} CRC X'{xxxxxxxx}'X reason X'{yyyyyyyy}'**

**Explanation** The message text of this message varies. The following table explains and describes the user action that should occur as a result of the different message texts.

| Message Text | Explanation | Action |
|---|---|---|
| Cache disconnect RC *rrr* CRC X'*xxxxxxxx*'X reason X'*yyyyyyyy*' | An error occurred while disconnecting from the sysplex cache structure. The return codes from the ADAXEC module (*rrr*); the return codes from the cache structure (*xxxxxxxx*); and the reason codes (*yyyyyyyy*) are provided in the message to explain the error. | If you are using Adabas Parallel Services, contact your technical support representative for assistance.<br><br>If you are using Adabas Cluster Services, see the IBM manual *MVS Programming: Sysplex Services Reference* for an explanation of the codes. Relevant information can be found in the Return and Reason Codes section of the macro IXLDISC. |
| Block *blk-name* cast-out locked at disconnect *nnnn* cast-out locks released at disconnect | A Parallel Services nucleus held a cast-out lock on one or more cache blocks when disconnecting from the global cache. The cast-out locks have been released. This may happen during an online recovery process.<br><br>The first message is repeated for every block affected; the second one summarizes how many blocks were affected. | If these messages occur during online recovery, no action is required. However, if these messages appear during normal session termination, contact your technical support representative. |

**Action** Perform the action described in the table above.

**ADAX49** **{dbid} Unexpected cache return code encountered**
**{dbid} Function X'{ff}' {xxxxxxxxxxxxxxxxxxxxxxxx}**
**{dbid} CRC X'{yyyyyyyy}' reason X'{zzzzzzz}'**

**Explanation** An unexpected return code was returned during execution of a macro related to the cache structure.

**Action** If you are using Adabas Parallel Services, contact your technical support representative for assistance.

If you are using Adabas Cluster Services, see the IBM manual *MVS Programming Sysplex Services Reference* for an explanation of the codes. Relevant information can be found in the Return and Reason Codes section of the macro IXLCACHE, in the chapter corresponding to the function displayed in the message.

**ADAX4A** **{dbid} ADANCX GETMAIN above 2 gig bar failed**

**Explanation** ADANCX is the nucleus extension module for Adabas cluster environments. The attempt to allocate memory above the 2-gigabyte bar for this module failed.

**Action** Reduce memory requirements or expand the amount of memory available.

**ADAX50** **{dbid} GETMAIN failed for cast-out directory buffer**
**{dbid} Size requested X{nnnnnnnn}**

**Explanation** An attempt to allocate space for the cast-out directory buffer failed.

**Action** Reduce memory requirements or expand the amount of memory available.

**ADAX51** **{dbid} Cache structure allocation unacceptable**
**{dbid} Requested cache allocation values**
**{dbid} Storage classes X'{ee}'**
**{dbid} Cast-out classes X'{ffff}'**
**{dbid} ADJUNCT=YES**
**{dbid} Maximum data elements per entry X'{gg}'**
**{dbid} Data element characteristic X'{hh}'**
**{dbid} Actual cache allocation values**
**{dbid} Storage classes X'{ii}'**
**{dbid} Cast-out classes X'{jjjj}'**
**{dbid} ADJUNCT={YES | NO}**
**{dbid} Maximum data elements per entry X'{kk}'**
**{dbid} Data element characteristic X'{mm}'**

**Explanation** The Adabas nucleus connected successfully to the cache structure; however, the attributes of the cache structure are inappropriate for the Adabas sysplex cluster. Most likely, the cache structure is already being used by another program.

**Action** Determine which other program is using the cache structure. Either terminate this other program or specify a different cache structure for use by Adabas Cluster Services.

**ADAX52** **I{dbid} Incompatible existing user(s) of the**
**{dbid} cache structure {cache-structure-name}**

**Explanation** The cache structure with the name indicated is already being used by another Adabas cluster. Cache structure names may only be used for a single Adabas cluster of nuclei.

**Action** Use the cache structure name identified for use by your particular cluster.

**ADAX53** **{dbid} Internal error - no available XQRB**

**Explanation** An internal error has occurred.

**Action** Contact your technical support representative for assistance.

**ADAX54** **{dbid} Insufficient cache data elements**

**Explanation** The cache structure connected successfully; however, the number of cache data elements in the external cache structure (or global cache area)is not sufficient. There must be enough data elements to hold 80,000 or more bytes of information. The number of data elements allocated is indicated earlier in message ADAX57.

**Action** Increase the size of the external cache structure (or global cache area). Alternatively, modify the ADARUN parameters DIRRATIO and/or ELEMENTRATIO to ensure that enough cache data elements are allocated.

**ADAX55** **{dbid} This job will now terminate**

**Explanation** An internal error occurred that caused the nucleus to terminate abnormally. A message issued prior to this one provides more information related to the error.

**Action** Contact your technical support representative for assistance.

**ADAX56** **{dbid} {message-text}**

**Explanation** Various message texts can be associated with the message number, as described in the following table:

| Message Text | Explanation |
|---|---|
| Unable to obtain PLXCB address | The nucleus is unable to locate the PLXCB in common storage. |
| Unable to obtain ALET of XQRB data space | The nucleus could not connect to the messaging data space. |
| More than 31 XQRB areas in data space | The nucleus did not find free space for its own use in the messaging data space. |

**Action** For all possible message texts, contact your technical support representative for assistance.

**ADAX57** **{dbid} Connected to cache structure {cache-structure-name}**
**{dbid} Directory elements {xxxxxx}**
**{dbid} Data elements {yyyyyy}**
**{dbid} Data element size {zzzzzz}**

**Explanation** An Adabas cluster nucleus successfully connected to the specified cache structure (or global cache area) in a cluster environment. This message provides a count of the cache's directory entries and data elements, along with the data element size.

**Action** No action is required for this informational message.

**ADAX58** **{dbid} Time expired waiting for notification of**
**{dbid} existing connectors to the cache structure**

**Explanation** The attempt to connect an Adabas cluster nucleus to the cluster cache structure in a sysplex environment timed out waiting for information about existing connections to the cache structure.

**Action** Try again to start the Adabas sysplex cluster nucleus. If the error continues to occur, contact your technical support representative.

**ADAX59** **{dbid} Unexpected return code from {ADAXEC | ADASMC}**
**{dbid} function X'{ff}' {xxxxxxxxxxxxxxxxxxxxxxxx}**
**{dbid} RC {rrr}**

**Explanation** An unexpected return code was received during a call to the referenced module. The message includes the function code and return code.

**Action** Contact your technical support representative.

**ADAX5A** **{dbid} DSST update omitted because cache or buffer pool full**

**Explanation** After data storage updates, the nucleus is unable to read a DSST block into the buffer pool or global cache or to write the updated DSST block to the cache, because the buffer pool or cache was full. It is possible that the DSST bytes for one or more of the updated data storage blocks are incorrect.

This message is printed at most once in 10 minutes.

Incorrect DSST bytes may have slightly adverse effects on the effectiveness of space reuse in data storage. If the associated data storage blocks are updated again, incorrect DSST bytes are implicitly corrected.

**Action** Either the buffer pool or the global cache or both are too small to support the number of parallel commands running in the nucleus or the whole cluster. Increase the buffer pool or global cache size.

**ADAX5B** **{dbid} Connecting to S64 cache at {address}**
**{dbid} Connect to S64 cache return code**
**{ADAIOR-return-code}/{zOS-return-code}/{zOS-reason-code}**
**{dbid} Disconnecting from S64 cache**
**{dbid} Disconnect from S64 cache return code**
**{ADAIOR-return-code}{/zOS-return-code}/{zOS-reason-code}**

**Explanation** ADABAS Parallel Services is using z/OS shared 64-bit addressable storage as part of its cache configuration. Connecting to the S64 object establishes a local affinity and makes the object addressable. Disconnecting deletes the affinity, after which the object is no longer addressable. Any non-zero return code received from z/OS IARV64 is formatted.

**Action** If the attempt fails, examine the IARV64 return and reason code description in the IBM documentation entitled *MVS Programming: Authorized Assembler Services Reference,*

*Volume 2 (EDTINFO-IXGWRITE)*. If the cause is not clear, notify your Software GmbH technical support representative.

**ADAX5C** **{dbid} Unchanged blocks will [NOT] be written to cache**

**Explanation** This message reports the setting of the ADARUN CLUCACHEUNCHANGED parameter for this Adabas Parallel Services nucleus. Unchanged blocks either will or will not be written to the global cache.

**Action** No action is required for this informational message.

**ADAX5D** **{dbid} Invalid cache token{ tt...tt} at disc**

**Explanation** A logic error occurred. An invalid token was passed to the cache disconnect function. If the disconnect is already identified as abnormal, termination continues. If not, the nucleus ends with abend S0C6.

**Action** Contact your technical support representative for assistance.

**ADAX5E** **{dbid} Reducing CLUWORK1CACHE to {xx}**

**Explanation** The specified value for the CLUWORK1CACHE parameter is larger than NWORK1BUFFERS+1 or LP / 20, which serve as upper boundaries for this parameter. CLUWORK1CACHE is reduced to the smaller of these two values (shown as '*xx*').

**Action** No action is required for this informational message.

If you wish to make the specified CLUWORK1CACHE value effective, increase the NWORK1BUFFERS parameter to a value greater than the desired CLUWORK1CACHE value and/or increase the LP parameter to at least 20 times the desired CLUWORK1CACHE value.

**ADAX5F** **{dbid} Effective CLUWORK1CACHE maximum is {xx}**

**Explanation** The specified value for the CLUWORK1CACHE parameter, taken in units of Work blocks, amounts to more than 1% of the total size of the data elements in the global cache structure of the cluster. To limit the portion of the cache taken away from ASSO and DATA blocks, at most 1% of the total size of the data elements will be used for protection data. This amounts to the number of Work blocks shown ('*xx*').

**Action** No action is required for this informational message.

If you wish to make the specified CLUWORK1CACHE value effective, increase the size of the cache structure such that the number of data elements times the data element size (i.e., the total size of all data elements) is at least a factor of one hundred times the CLUWORK1CACHE value times the block size of the Work data set.

**ADAX5G** **{dbid} Using data from protection data extension area on WORK of NUCID {nucid}**

**Explanation** To perform a session autorestart in the course of online or offline recovery, the nucleus is using protection data from the related extension area on the Work data set of the nucleus with the specified (external) NUCID. That nucleus was running with the parameter `CLUPUBLPROT=YES` and had not participated in the last buffer flush prior to the nucleus failure that triggered the autorestart. In its place, another nucleus had written any missing protection data to the extension area.

**Action** No action is required for this informational message.

**ADAX5H** **{dbid} Partially written block in WORK part 1 extension NUCID={nucid}, RABN={rrrr}**

**Explanation** While recovering from the failure of one or more Adabas cluster nuclei, this nucleus encountered a Work block in the protection data extension area in which the timestamp at the beginning of the block did not match the control timestamp at the end of the block. The last write of the block was incomplete, or the block has been damaged for another reason. It is inconsistent and cannot be used for recovery. The block was read from the Work data set of the nucleus with the NUCID '*nucid*'. Its RABN is '*rrrr*'.

**Action** Restore and regenerate the database. If in doubt, contact your technical support representative.

**ADAX60** **{Peer nucleus | Unknown connector} {connection-name }**
**{is already | has} connected to**
**{cache | lock} structure {structure-name}**

**Explanation** An event occurred related to another connector of a cache or lock structure.

**Action** No action is required for this informational message.

**ADAX61** **{date time statistic-text statistic-value}**

**Explanation** Whenever a nucleus disconnects from a cache, this message is issued with cache activity statistics. These may be useful in diagnosing problems and selecting a suitable cache configuration. Bear in mind that the statistics show only one nucleus's activity. Full understanding may require examining the statistics of other nuclei.

This message is also used to display the output from the DXSTAT, DXCACHE, DXLOCK, DXFILE, and DMEMTB operator commands on the console. For examples of this message used with these commands, refer to the documentation for Adabas Cluster Services operator commands.

Here is an example of the statistics provided in this message:

```
ADAX61 Statistics at disconnect for cache C00C7231                ↩

        Cache Directory Management Activity                       ↩

                      32,565 Read located active                  ↩

                       5,230 Read obtained from free pool         ↩

                         0 Read reclaimed, first choice criteria  ↩

                         0 Read reclaimed, second choice criteria ↩

                         0 Read reclaimed, third choice criteria  ↩

                         0 Read reclaimed, fourth choice criteria ↩

                           0 Read unable to obtain (cache full)   ↩

                            0 Total number of directory reclaim   ↩
attempts
                            0 Number of directories examined for  ↩
reclaim
                    0.000 Average number of directories examined  ↩
per attempt
                        680 Write obtained from free pool         ↩

                         496 Directory high-water mark (this      ↩
nucleus)
                      1,134 Directory high-water mark             ↩
(cluster-wide)

        Cache Write Requests                                      ↩

                    306,706 Sufficient preallocated space         ↩

                        235 Free space allocated                  ↩

                         5 Space reclaimed, first choice criteria ↩

                      6,322 Space reclaimed, second choice        ↩
criteria
                        885 Unable to obtain space (cache full)   ↩

                      4,292 Space search examined part of space   ↩
chain
                      3,155 Space search examined entire space    ↩
chain
                      7,447 Total number of space allocation      ↩
attempts
                    462,840 Number of space chain descriptors     ↩
examined
                   62.151 Average number of descriptors examined  ↩
```

```
per attempt

       Cache Space Element Reclamation                          ↩

                          48 Elements reclaimed, first choice ↩
criteria
                      28,431 Elements reclaimed, second choice ↩
criteria

       Latch Attempts                Exclusive                 ↩
   Shared
         Cache Space Chain                                     ↩

           Get                           7,455                 ↩

           WaitFor                           8                 ↩

           Release                       7,447                 ↩

         Cache Directory Index                                 ↩

           Get                           5,351                 ↩
  249,009
                                       5,228 Upgrade           ↩

           WaitFor                           0                 ↩
        0
                                             0 Upgrade         ↩

           Release                      10,579                 ↩
  243,781
         Cache Directory                                       ↩

           Get                         454,179                 ↩
  398,747
                                        5,335 Upgrade          ↩

           WaitFor                        205                 ↩
       53
           Release                     459,297                 ↩
  393,339
         Cache Cast-Out Class                                  ↩

           Get                          44,865                 ↩
    3,510
           WaitFor                           0                 ↩
        0
           Release                      44,865                 ↩
    3,510
↩
```

These statistics are described in the following table:

| Message Statistic Type | Description |
|---|---|
| Cache Directory Management Activity | Cache directory elements describe ASSO and DATA blocks that have been referenced. Directory elements are also used to describe unallocated space in the cache data storage pool. The number of directory elements created during cache initialization is shown in message ADAX57.<br><br>The first reference to an ASSO or DATA block is a cache read request. If the block is already known in the cache, the existing directory element is located. Otherwise, a directory element must be allocated. If there are none in the free pool, the nucleus must search for an existing element that may be reclaimed. Directory elements for blocks that have been modified (“dirty”) and not yet written to external storage (“hardened”) may not be reclaimed. The remaining directory elements are examined to select one that describes a block that is least likely to be needed in the near future. There are four sets of criteria in order of decreasing desirability. In the best case, there is less likelihood of additional I/O from a cache miss, and in the worst case we have reclaimed an element that describes a block likely to be reused, and thus there's a higher probability of additional I/O. Factors such as the number of nuclei that have referenced the block, whether the block has been referenced recently, and the status of the block’s contents are part of the selection criteria.<br><br>If all directory elements describe dirty blocks, the cache is considered full and the directory allocation fails. The nucleus then executes a buffer flush to harden the dirty blocks, after which the request is tried again.<br><br>A write request may also attempt to allocate a directory element to describe fragmented space. This is not a frequent occurrence.<br><br>If reclaimed directory elements are a significant portion of the total activity, especially reclaims from the higher criteria, consider increasing the number of directory elements for best performance.<br><br>The cache control structures are rebuilt as part of online recovery after a nucleus fails. This will reset the cluster-wide high water mark but will not affect the individual member high water mark. |
| Cache Write Requests | If the directory element does not already describe sufficient space to contain the block, additional space is first obtained from the free pool. If a suitable block cannot be found, space from one or more existing blocks will have to be reclaimed to assemble a contiguous area. If no suitable area can be assembled without including space containing dirty blocks, the cache is considered full. The nucleus executes a buffer flush and retries the request. As with directory elements, the selection criteria are used to reduce the chance that additional I/O will be needed because an active block was removed. |

| Message Statistic Type | Description |
|---|---|
| Cache Space Element Reclamation | The cache data element is shown in message ADAX57. A cached ASSO or DATA block requires one or more data elements. |
| Latch Attempts | Access to data structures shared among multiple nuclei is serialized by high-performance latches. These are administered entirely by the nuclei—they are not z/OS-administered latches. A latch may be acquired either exclusive or shared, and a shared latch may be upgraded to exclusive. If the latch cannot be acquired immediately, the nucleus may elect to wait for it.<br>■ There is one cache space chain latch to serialize space allocations.<br>■ There is a directory element index latch for each index element. It is held when searching for an existing directory element. It is also held when allocating or releasing a directory element.<br>■ There is a separate latch to serialize updates for each directory element.<br>■ There is a separate latch for each cast-out class to serialize access to directory elements during buffer flushes. |

**Action** No action is required for this informational message.

**ADAX62** **Unexpected lock return code encountered**
**function {function_name}**
**For {lock_type}**
**LRC X'{cccccccc}' reason X'{rrrrrrrr}'**

**Explanation** An attempt to lock or unlock a logical resource failed.

Where *function_name* is the lock manager function name or X'xx' hexadecimal value of the function code for invalid function code; *lock_type* is the name of the lock type; its response code is *cccccccc* (in hexadecimal); and its reason code is *rrrrrrrr* (in hexadecimal).

The nucleus terminates abnormally.

**Action** This is an unexpected error. Contact your technical support representative for assistance.

If you are using Adabas Cluster Services, see the IBM manual *MVS Programming: Sysplex Services Reference* for an explanation of the codes. Relevant information can be found in the Return and Reason Codes section of the macro IXLLOCK.

**ADAX63** **Lock {connect|disconnect} problem RC X'{cccccccc}' reason X'{rrrrrrrr}'

**Explanation** An error occurred while connecting to or disconnecting from the lock structure. The lock manager's response code is *cccccccc*, its reason code is *rrrrrrrr*. Both variables are in hexadecimal.

The nucleus terminates abnormally.

**Action** This is an unexpected error. Contact your technical support representative for assistance.

If you are using Adabas Cluster Services, see the IBM manual *MVS Programming: Sysplex Services Reference* for an explanation of the codes. Relevant information can be found in the Return and Reason Codes section of the macros IXCQUERY and IXLCONN for connection problems and IXLDISC for disconnection problems. Common reason codes that occur due to configuration errors during connection attempts include the following:

| RC | REASON | Explanation |
|---|---|---|
| X'08' | X'00000024' | Structure not defined in CFRM policy. |
| X'08' | X'xxxx084C' | Improper SAF authorization. Adabas is not authorized to connect to the structure. |
| X'0C' | X'00000154' | No CFRM policy active. |
| X'0C' | X'xxxx0C05' | Structure not defined in CFRM policy, possibly due to a bad structure name parameter. |
| X'0C' | X'xxxx0C08' | No suitable coupling facility found for structure allocation. |
| X'0C' | X'xxxx0C29' | The CFRM function is not active or not available. |

**ADAX64** **ADANCX lock-related GETMAIN failed**

**Explanation** The lock manager failed to acquire main storage.

**Action** Restart the nucleus with a larger REGION parameter or make the nucleus parameters NH, NU, or LDEUQP smaller.

**ADAX65** **Parameter taken over: {parameter-name}**
**old: {old-value} new: {new-value}**

**Explanation** This message is printed in two instances. It occurs when:

1. The parameter value of a newly started cluster nucleus is taken over (replaced) by the global parameter value in use by the already active cluster nuclei. The old value (*old-value*) is the parameter value read from the ADARUN statements of the starting nucleus; the new value (*new-value*) is the global parameter value in use by the already active cluster nuclei.
2. A global parameter value is changed on one nucleus in the cluster. This new parameter value is propagated to all of the other active cluster nuclei and is taken over (used) by them.

**Action** No action is required for this informational message.

**ADAX66** **Incompatible global parameter {parameter-name} specified: {value-specified} in effect: {value-in-effect}**

**Explanation** An incompatible parameter value has been specified for a second or subsequent cluster nucleus when it starts. When this occurs, the starting nucleus:

- Does not take over (use) the global parameter value.
- Does not come up.

The parameter value specified (*value-specified*) by the second or subsequent cluster nucleus and the parameter value currently in effect (*value-in-effect*) for all cluster nuclei are given in the message.

**Action** Resolve the incompatibility of the parameter values so that the newly started cluster nucleus and the other active cluster nuclei can use the same parameter value.

**ADAX67** **Incompatible existing user(s) of the lock structure {lock-structure-name}**

**Explanation** The lock structure with the name specified in the message is already being used by another Adabas sysplex cluster or by other software. Lock structure names must be unique in the sysplex environment and for each Adabas nucleus cluster.

**Action** Use the lock structure name that has been identified for use by your particular Adabas sysplex cluster.

**ADAX68** **Time expired waiting for notification of existing connectors to the lock structure**

**Explanation** An attempt to connect an Adabas sysplex cluster nucleus to the lock structure timed out waiting for information about existing connections to the lock structure.

**Action** Determine whether any conditions exist in the coupling facility or the system itself that could interrupt the flow of information or make the flow extremely slow.

**ADAX69** **Lock structure too small expected min number of records {nnn,nnn,nnn}**

**Explanation** The lock structure defined in the CFRM policy is too small to handle the current settings of the ADARUN parameters. The minimum number of records expected by the processes is indicated.

**Action** Either decrease the value of the ADARUN parameters NU, NH, or LDEUQP; or increase the size of the lock structure.

**ADAX6A** **Lock structure full encountered**
**function {function_name}**
**For {lock_type}**
**LRC X'{cccccccc}' reason X'{rrrrrrrr}'**

**Explanation** An attempt to lock a logical resource failed.

Where *function_name* is the lock manager function name or X'xx' hexadecimal value of the function code for invalid function code; *lock_type* is the name of the lock type; its response code is *cccccccc* (in hexadecimal); and its reason code is *rrrrrrrr* (in hexadecimal).

The nucleus terminates abnormally.

**Action** This is an unexpected error. Contact your technical support representative for assistance.

If you are using Adabas Cluster Services, see the IBM manual *MVS Programming: Sysplex Services Reference* for an explanation of the codes. Relevant information can be found in the Return and Reason Codes section of the macro IXLLOCK.

**ADAX6B** **IXLEERSP request got RSP {rsp-code} RSN {reason-code}**

**Explanation** After a peer nucleus disconnected abnormally from the lock structure, this nucleus issued an IXLEERSP request to XES to acknowledge the peer failure, but the IXLEERSP request got the response code and reason code shown. These are documented in *MVS Programming: Sysplex Services Reference* IBM manual in the *Return and Reason Codes* section of the IXLEERSP macro.

This nucleus will continue performing the online recovery process after the peer failure. It will disconnect from the lock structure as part of the recovery process, which is another way of acknowledging the peer failure to XES. However, due to the unsuccessful IXLEERSP request, there is a very small chance of a cluster-wide deadlock involving XES.

**Action** In the case of a hangup of the online recovery process, cancel a nucleus that has not yet printed an ADAX89 message. This may unravel the deadlock. If there is no such nucleus, cancel the nucleus that will do the session autorestart, as per the ADAX89 messages. Restart the cluster after all nuclei have terminated.

In either case, report the occurrence of the ADAX6B message to your technical support representative.

**ADAX6C** **Active nucleus {nucid} is at level V{vrsc}**

**Explanation** A nucleus at a different release or maintenance level is attempting to join the cluster. If the starting nucleus is known to be incompatible with the active ones initialization fails with Parm-Error 124.

**Action** Check the Release Notes to see if this is an incompatible combination.

**ADAX6D** **{dbid} Nucleus {nucid} on {system} ABEND S_sys_ U_user_ Rsn {rsn}**

**Explanation** An ABEND with system code *sss* or user code *uuuu* and reason code *rsn* occurred in a cluster or parallel-service nucleus.

**Action** No action is required for this informational message.

**ADAX70** **Connected to lock structure {lock-structure-name}**
**number of lock entries {nnn,nnn}**
**max number of record elements {nn,nnn}**

**Explanation** An Adabas cluster nucleus successfully connected to the specified lock structure in a z/OS parallel sysplex environment. This message provides

- a count of lock entries; and
- the maximum number of records elements.

**Action** No action is required for this informational message.

**ADAX71** **Retrying cache write for RABN X'{rrrrrrrr}'**

**Explanation** This message identifies the RABN value in hexadecimal for which a cache write is being retried. The error leading to the write retry is identified in previous messages.

**ADAX72** **GETMAIN failed for lock element table**
**size requested X{nnnnnn}**

**Explanation** An attempt to allocate space for the lock element table failed.

**Action** Reduce the memory requirements for the table or expand the amount of memory available.

**ADAX73** **Lock structure size error**

**Explanation** An error was detected in the lock structure policy: both the SIZE and INITSIZE values are zero.

**Action** Review the lock structure policy and make the necessary changes.

**ADAX74** **{dbid} Warning: Now it is too late to copy DDPLOGR{n}**

**Explanation** Corresponds to the ADAN05 message at startup, but occurs during online recovery.

Adabas has begun to write data protection log data to the data set identified by DDPLOGRn. This means that the data set can no longer be copied to tape for subsequent use as input to the REGENERATE or BACKOUT functions of the ADARES utility. A user exit 2 (dual log processing) or user exit 12 (multiple log processing) call either was not made or did not successfully copy the DDPLOGRn data set with the ADARES utility.

**Action** If the database is running without user exit 2, overwriting the PLOG data is normal and this message can be ignored.

If the database is running with user exit 2, this message occurs only when the user exit asks the nucleus to proceed even though the PLOG has not been copied. Whether this is an error or not depends on the logic the user has implemented in the user exit.

**ADAX75** **{dbid} Protection log PLOGR{n} started**

**Explanation** Corresponds to the ADAN21 message at startup, but occurs during online recovery.

Adabas is now ready to begin writing data protection information to the dual or multiple data protection log identified by DDPLOGRn.

**Action** Execute the PLCOPY function of the ADARES utility at this time to reinitialize the PLOGs.

**ADAX76** **{dbid} Nucleus run with protection log {nnnnn}**

**Explanation** Corresponds to the ADAN02 message at startup, but occurs during online recovery.

The Adabas nucleus session has been initiated and database protection logging has been specified. Subsequent execution of the REGENERATE and BACKOUT functions of the ADARES utility for any updates applied during the session is possible.

**ADAX77** **{dbid} IDTH prefix problem**

**Explanation** A query request to ADAMPM to get the address of the IDTH failed. The nucleus terminates abnormally.

**Action** This is an unexpected error. Contact your technical support representative.

**ADAX78** **{dbid} ADACOM is not running or CLULOCKSIZE is not specified**

**Explanation** While trying to connect to the global lock area, ADASML detects that either ADACOM is not running or the CLULOCKSIZE parameter is not specified. The nucleus terminates abnormally.

**Action** Start ADACOM before starting the Adabas Parallel Services cluster nucleus and specify a nonzero value for the CLULOCKSIZE parameter.

**ADAX79** **{dbid} Global resource lock on this system is invisible to NUCID {nucid} on the system {sysname}**

**Explanation** Cluster Services nuclei working on the same database synchronize some of their actions using resource locks via Global Resource Serialization (GRS).

During session start one nucleus detected that a resource lock it obtained was not effective against the peer nucleus with the NUCID shown, which was active on the system shown.

The starting nucleus terminates with parm-error 105.

**Action** Contact your system programmer to ensure that GRS is configured in a way that GRS resource locks are mutually effective against one another on all systems on which you intend to run Cluster Services nuclei.

**ADAX7A** **{dbid} {nnnnn} remaining users taken over by NUCID {nucid}**

**Explanation** When a cluster nucleus (*nucid*) running OPENRQ=NO shuts down, users who should get response code 9 (ADARSP009) may be assigned to another running nucleus. The number of users taken over (*nnnnn*) is reported in this informational message.

**Action** No action is required for this informational message.

**ADAX7B** **{dbid} {nnnnn} remaining users not taken over by peer nuclei**

**Explanation** When a cluster nucleus running OPENRQ=NO shuts down, users who should get response code 9 (ADARSP009) may be assigned to another running nucleus. The number of users that could not be taken over is reported in this informational message. Users may be taken over only if peer nuclei are available and able to accept new users.

**Action** No action is required for this informational message.

**ADAX7C** **{dbid} Retrying the cache function**

**Explanation** An error, reported in a preceding ADAX49 message, has occurred during a function in the cache structure in the coupling facility such that it is unclear whether the function was performed or not. Adabas Cluster Services retries the function in a way that allows for either outcome.

**Action** No action is required for this informational message.

**ADAX80** **{dbid} Online recovery initiated**

**Explanation** An Adabas cluster nucleus initiated an online recovery process after it detected that a peer nucleus in the same cluster terminated abnormally. (Each surviving nucleus initiates its own online recovery process.) The online recovery process stops all ongoing work in the nucleus, performs a session autorestart (including the backout of all open transactions), or waits until a peer nucleus performs the session autorestart, and then resumes normal processing.

**ADAX80** **{dbid} Online recovery in progress**

**Explanation** A nucleus started while other nuclei that were already active in the same cluster were performing online recovery in response to a nucleus failure. The starting nucleus waits until the online recovery process completes and then continues with its startup sequence.

**ADAX80** **{dbid} {Online save | Trans suspend | ADAEND/halt} process canceled**

**Explanation** In order to recover from the failure of a peer nucleus (online recovery), the nucleus canceled

- a running online save operation in which case the save operation fails;
- a running transaction suspension operation; or
- an ADAEND or HALT shutdown request, in which case the nucleus does not shut down after the recovery process has finished.

**Action** Either restart the save operation after the online recovery process has completed successfully; or issue another ADAEND or HALT request if you still want to shut down the nucleus.

**ADAX81** **{dbid} Waiting for active transactions to finish**

**Explanation** When the online recovery process started, one or more transactions were active. The recovery process allows them to continue for a while in an attempt to bring them to normal completion.

**ADAX82** **{dbid} All transactions finished**

**Explanation** All transactions that were active when online recovery started have finished normally.

**ADAX82** **{dbid} {count} active transaction(s) interrupted**

**Explanation** A number of transactions indicated in the message were active when online recovery started but did not finish within the allotted time and were interrupted. They are backed out during online recovery. The affected users receive response code 9 (ADARSP009), subcode 18, for their next commands.

**ADAX83** **{dbid} Waiting for active commands to finish**

**Explanation** When the online recovery process was ready to interrupt all ongoing work, one or more commands were still active. The recovery process allows them to continue for a short time in an attempt to bring them to normal completion.

**ADAX84** **{dbid} All commands finished**

**Explanation** All active commands that the online recovery process was waiting for have finished normally.

**ADAX84** **{dbid} {count} Active command(s) interrupted**

**Explanation** A number of active commands indicated in the message did not finish within the allotted time and were interrupted. They are sent back to their respective users with response code 9 (ADARSP009), subcode 19. Their associated command IDs, if any, are deleted.

**ADAX85** **{dbid} Waiting for active I/Os to finish**

**Explanation** When the online recovery process interrupted all ongoing work, one or more I/Os were active. The recovery process waits for these I/Os to finish.

**ADAX86** **{dbid} All I/Os finished**

**Explanation** All I/Os that the online recovery process was waiting for have finished.

**ADAX87** **{dbid} Waiting for outstanding messages to be answered**

**Explanation** When the online recovery process interrupted all ongoing work, one or more internucleus commands were still due a response. The recovery process waits for the responses to arrive.

**ADAX88** **{dbid} All outstanding messages answered**

**Explanation** All outstanding responses for internucleus commands that the online recovery process was waiting for have arrived.

**ADAX89** **{dbid} Session autorestart will be done by {this | peer} nucleus**

**Explanation** The session autorestart that is part of the online recovery process is performed either by this nucleus or by a peer nucleus, as indicated in the message.

**ADAX8A** **{dbid} Restarting online recovery process**

**Explanation** Shortly before the end of an online recovery process (following the failure of a peer nucleus), another peer nucleus has terminated abnormally. The online recovery process is restarted to recover the cluster from this latest failure.

**ADAX90** **{dbid} Recovery syncpoint {syncpoint} initiated**

**Explanation** If more than one nucleus remains active when a peer nucleus terminates abnormally, the surviving nuclei synchronize their online recovery processes using several syncpoints, which all nuclei must reach before recovery processing can continue.

This message indicates that the nucleus that performs the session autorestart is ready to proceed when all other nuclei have reached the respective syncpoint.

**ADAX91** **{dbid} Waiting on recovery syncpoint {syncpoint}**

**Explanation** The online recovery process is waiting for the nucleus that performs the session autorestart to initiate the recovery syncpoint indicated.

**ADAX92** **{dbid} Recovery syncpoint {syncpoint} reached**

**Explanation** All nuclei involved in the collaborative online recovery have reached the recovery syncpoint indicated. The recovery process proceeds.

**ADAX93** **{dbid} Beginning session autorestart**
**{dbid} Beginning WORK4 interpretation**
**{dbid} WORK4 handling failed**

**Explanation** Various message texts can appear for this message number. The explanation and action for each is given in the following table.

| Message Text | Explanation |
|---|---|
| Beginning session autorestart | One of the nuclei surviving a peer failure (this nucleus) begins the key step of online recovery-the session autorestart. |
| Beginning WORK4 interpretation | One of the peer nuclei failed, so one of the surviving nuclei begins autorestart processing, if DTP=RM. The WORK4 interpretation must occur before the autorestart is executed. |
| WORK4 handling failed | WORK4 interpretation was not successful. Refer to messages ADAN85 and ADAN86 for more information. All nuclei will go down. |

**ADAX94** **{dbid} Session autorestart executed successfully**
**{dbid} DTP=RM-USERS are copied**
**{dbid} DTM=RM-USER-COPY failed**
**{dbid} DTM=RM-USER-LOCKS not gotten**

**Explanation** Various message texts can appear for this message number. The explanation and action for each is given in the following table.

| Message Text | Explanation |
|---|---|
| Session autorestart executed successfully | The session autorestart performed during online recovery was successful. No action is required for this informational message. |
| DTP=RM-USERS are copied | PET/HEURI users from other nuclei are copied to the user queue of the recovery nucleus (including transaction IDs and file lists). No action is required for this informational message. |

| Message Text | Explanation |
|---|---|
| DTM=RM-USER-COPY failed | The user copy failed, probably due to a logic error. All nuclei will go down. |
| DTM=RM-USER-LOCKS not gotten | If DTP=RM, the nucleus must get hold queue and UQDE locks for all users on PET status who are copied to DDWORKR4. All nuclei will go down. |

**ADAX95** **{dbid} Session autorestart failed**
**{dbid} Response code = {response-code}**
**{dbid} File number = {file-number}**
**{dbid} All active nuclei will go down**

**Explanation** The session autorestart performed during online recovery was not successful. It received the response code shown. If the response code was associated with a particular file, the file number is also shown.

This nucleus and all peer nuclei participating in the online recovery process will go down.

**Action** The situation is now equivalent to that after failure of session autorestart during nucleus session start. Determine why the session autorestart failed. Consider contacting your technical support representative.

**ADAX96** **{dbid} Peer nucleus failed during online recovery**
**{dbid} This nucleus goes down too**

**Explanation** A second nucleus failure occurred while an online recovery process was in progress to handle the abnormal termination of a peer nucleus. All nuclei active in the Adabas cluster will go down.

**Action** Restart the Adabas cluster. Determine the reasons for the first and the second failure. Consider contacting your technical support representative.

**ADAX96** **{dbid} Utility with exclusive database control is active**
**{dbid} This nucleus goes down too**

**Explanation** A nucleus failure occurred while a utility with exclusive database control was running. All nuclei active in the Adabas cluster will go down.

**Action** Restart the Adabas cluster and perform appropriate recovery actions for the utility with exclusive database control.

**ADAX97** **{dbid} Online recovery completed successfully**
**{dbid} Resuming normal operation**

**Explanation** The online process set up to handle the abnormal termination of a peer nucleus finished successfully. The nucleus resumes normal operation.

**ADAX98** **{dbid} Received response code {rsp-code} from peer nucleus**

**Explanation** An online recovery process that was started to recover from the failure of one nucleus received a response code while communicating with another, still alive nucleus. All remaining active nuclei terminate.

**Action** Restart the nuclei. The first starting nucleus performs offline recovery (that is, session autorestart).

**ADAX98** **{dbid} V2/{xxx} command received {rsp-rr/ss} from NUCID {nnn}**

**Explanation** An internal command used for inter-nucleus communication encountered a messaging failure; it got the response code/subcode shown from the peer nucleus shown.

**ADAX99** **{dbid} Uncorrectable intracluster communication failure**

**Explanation** This message may follow message ADAX9E or ADAX9H. After a messaging failure during intracluster communication the nucleus has decided to terminate itself due to an uncorrectable communication failure.

The nucleus terminates abnormally with user abend code 79.

**Action** Investigate the cause of the intracluster communication failure, starting with the response code and subcode reported in one or more preceding ADAX9E messages.

If some kind of timeout (MXMSGWARN, MXMSG, MXCANCELWARN, or MXCANCEL parameter) was involved in the failure, ensure that all cluster nuclei run with high enough priority to get sufficient resources for participating in cluster-wide business.

Consider contacting your technical support representative.

**ADAX9A** **{dbid} Could not determine message status for V2/{xxx} command return code = {nn}**

**Explanation** When a cluster nucleus tried to determine the status of an internal intracluster command (given in the message), an error occurred. The internal return code is shown. A preceding message might possibly contain more information about the error.

The nucleus ignores the error and continues normally. Because it could not determine the status of the responses to the intracluster command cited, it does not warn early about outstanding responses (ADAX9B and ADAX9C messages)

**Action** Contact your technical support representative.

**ADAX9B** **{dbid} Caution: Waiting for V2/{xxx} CMD being sent to NUCID ({nn})**

**Explanation** A cluster nucleus issued an XCF send request for an intracluster command (shown) to a peer nucleus (shown), but the command has not yet been sent within the time period set by the MXMSGWARN parameter. The number nn (shown) distinguishes different internal intracluster commands that may be in progress at the same time.

No direct system action occurs. However, if the command is not sent or the peer nucleus does not respond within the time period set by the MXMSG parameter, either nucleus may terminate abnormally.

**Action** This message is for your information. It may be useful for analysis in the case of a subsequent error.

**ADAX9C** **{dbid} Caution: NUCID {nucid} ({jobname}) on system {sysn} is slow to respond to internal V2/{xxx} command ({nn})**

**Explanation** A cluster nucleus sent an internal intracluster command (shown) to a peer nucleus (shown) in the cluster. The peer nucleus has not yet responded to the command within the time period set by the MXMSGWARN parameter. The number nn (shown) distinguishes different internal intracluster commands that may be in progress at the same time.

No direct system action occurs. However, if the peer nucleus does not respond within the time period set by the MXMSG parameter, it will be canceled.

**Action** This message is for your information. You may want to use the provided information (NUCID, job name, system name) to make sure that the cited peer nucleus gets sufficient resources (CPU, storage, priority) for participating in cluster-wide business.

**ADAX9D** **{dbid} Clear: received response to V2/{xxx} from NUCID ({nn})**

**Explanation** The peer nucleus listed in the message (*nucid*) that was slow to respond to an internal intracluster command (*xxx* ) has finally responded. This message retracts the warning of a previous ADAX9B or ADAX9C message (shown with a matching *nn* number).

The peer nucleus is no longer in danger of being canceled (for this particular intracluster command).

**Action** No action is required for this informational message.

**ADAX9E** **{dbid} Error: V2/{xxx} {cmd} received RSP {rsp/sub} from NUCID {nucid}**

**Explanation** The internal command listed in the message (*xxx*) and used for intracluster communication encountered a messaging failure. The response code and subcode as well as the peer nucleus are given in the message. The response code and subcode are described in *Nucleus Response Codes*, elsewhere in this guide.

The reaction of the nucleus to this error varies, depending on the type of internal command and on the response code received. The nucleus may cancel the peer nucleus causing the error, wait for a failing peer nucleus to terminate, terminate itself due to an unhandled error condition, or pass the response code up the call chain.

**Action** Investigate the cause of the response code and subcode to resolve the error.

If some kind of timeout (MXMSGWARN or MXMSG parameter settings) is involved in the error, ensure that all cluster nuclei run with high enough priority to get sufficient resources for participating in cluster-wide business.

If the problem persists, contact your technical support representative.

**ADAX9F** **{dbid} Canceling peer nucleus {nucid} ({jobname}) on system {sysn}**

**Explanation** This message may follow message ADAX9E. A failure occurred when a nucleus issued an intracluster command to a target peer nucleus (listed in the message) because the target nucleus did not respond to the command in time. As a result, the sending nucleus is canceling the target peer nucleus.

The nucleus waits for the canceled peer nucleus to terminate and then performs an online recovery process.

**Action** Investigate the cause of the intracluster communication failure, starting with the response code and subcode reported in one or more preceding ADAX9E messages.

If some kind of timeout (MXMSGWARN or MXMSG parameter setting) was involved in the failure, ensure that all cluster nuclei run with high enough priority to get sufficient resources for participating in cluster-wide business.

If the problem persists, contact your technical support representative.

**ADAX9G** **{dbid} Caution: NUCID {nucid} ({jobname}) on system {sysn} was canceled; Failure notification still outstanding**

**Explanation** The nucleus identified in the message by its nucleus ID (*nucid*), job name (*jobname*) and system name (*sysn*) was canceled, but the nucleus printing this message did not receive (within the time period set by the MXCANCELWARN parameter) the failure notifications reported in ADAX60 messages confirming that the canceled nucleus was terminated. As long as the canceled nucleus might still be active, the Adabas cluster cannot recover from the failure.

This message might also occur if the cited nucleus has not been canceled but is failing for another reason and is slow to terminate.

If the peer nucleus does not terminate within the time period set by the MXCANCEL parameter, this nucleus may ask for permission to terminate itself (if the MXWTOR parameter was set) or terminate itself without asking (if the MXWTOR parameter was not set).

**Action** Use the provided information (nucleus ID, job name, and system name) to make sure that the canceled peer nucleus gets sufficient resources (CPU, storage, priority) for terminating.

**ADAX9H** **{dbid} Error: Canceled NUCID {nucid} ({jobname}) on system {sysn} has not terminated; unable to perform cluster recovery**

**Explanation** The nucleus identified in the message by its nucleus ID (*nucid*), job name (*jobname*) and system name (*sysn*) was canceled, but the nucleus printing this message did not receive (within the time period set by the MXCANCEL parameter) the failure notifications confirming that the canceled nucleus has terminated. As long as the canceled nucleus might still be active, the Adabas cluster cannot recover from the failure.

This message might also occur if the cited nucleus was not canceled but failed for another reason and has not terminated.

The nucleus printing this message terminates itself with message ADAX99 and user abend 79.

**Action** Check the status of the cluster nucleus cited in the message. Investigate why it did not terminate after being canceled or why the nucleus that printed this message did not receive the corresponding failure notifications (reported in ADAX60 messages).

Consider using the MXWTOR parameter to request that a cluster nucleus ask for permission before terminating itself after failing to cancel an unresponsive peer nucleus.

Ensure that all cluster nuclei run with high enough priority to get sufficient resources for participating in cluster-wide business.

If the problem persists, contact your technical support representative

**ADAX9J** **{dbid} Error: Canceled NUCID {nucid} ({jobname}) on system {sysn} has not ended yet. Ensure that this nucleus ends to allow Adabas cluster recovery. Will terminate at {hh:mm:ss} (after {nnn} seconds). Reply 'W'ait, 'T'erminate, or 'R'eshow message**

**Explanation** This message requests an operator response. The nucleus identified in the message by its nucleus ID (*nucid*), job name (*jobname*) and system name (*sysn*) was canceled, but the nucleus printing this message did not receive (within the time period set by the MXCANCEL parameter) the failure notifications reported in the ADAX60 messages confirming that the canceled nucleus has terminated. As long as the canceled nucleus might still be active, the Adabas cluster cannot recover from the failure.

This message might also occur if the cited nucleus was not canceled but failed for another reason and has not yet terminated.

The nucleus will wait for the time period set by the MXWTOR ADARUN parameter for either the failure notifications of the canceled peer nucleus or a response from the operator. If the nucleus receives the expected failure notifications of the canceled peer nucleus, it retracts the ADAX9J message and starts an online recovery process to recover from the failure.

**Action** Check the status of the other cluster nucleus cited in the message. If it terminates, this ADAX9J message will be retracted.

Respond to this message using one of the following responses:

| Response | Causes the nucleus to: |
|---|---|
| R | Print the whole ADAX9J message again and continue to wait for resolution of this issue, but without setting a new time period. |
| T | Terminate itself with message ADAX99 and user abend 79. |
| W | Wait for another time period of length MXWTOR for resolution of this issue. |

If you do not respond and the failure notifications of the canceled peer nucleus do not arrive by the MXCANCEL time, the nucleus terminates itself with messages ADAX9H and ADAX99 and user abend 79.

**ADAX9K** **{dbid} Clear: Received failure notifications from NUCID {nucid}**

**Explanation** The peer nucleus identified in the message (*nucid*) that was slow to terminate after being canceled has finally ended. This message retracts the warning of previous ADAX9G or ADAX9J messages about outstanding failure notifications. The nucleus is no longer in danger of terminating itself (for this particular incident).

**Action** No action is required for this informational message.

**ADAX9L** **{dbid} All operator queries retracted**

**Explanation** After the operator was asked in a previous ADAX9J message to check the status of a peer nucleus that had been canceled but did not terminate, the peer nucleus has now ended. The nucleus printing this message has retracted all outstanding ADAX9J operator queries.

**Action** No action is required for this informational message.

**ADAX9M** **{dbid} SMF CSHP section disabled, unable to get storage**

**Explanation** Storage was unavailable for SMF.

**Action** Provide more storage and restart the nucleus.

**ADAX9N** **{dbid} SMF unable to get storage**
**SMF CSHG, CSHB, CSHF, LOCK, MSGB, MSGC, MSGH sections disabled**

**Explanation** Storage was unavailable for SMF.

**Action** Provide more storage and restart the nucleus.

**ADAX9P** **{dbid} Session autorestart pending waiting for peer nucleus to perform online recovery**

**Explanation** A starting nucleus that is about to join an active cluster has found that its Work data set is not empty (i.e., contains protection data required for recovering from a preceding failure). It will wait until the already active nuclei in the cluster have completed the online recovery process triggered by the preceding failure.

Once this has happened, the nucleus will print message ADAX9Q and continue with the session start. If no session autorestart is in progress, the nucleus will terminate with parm-error 42, because its Work data set should be empty.

**Action** No action is required for this informational message.

**ADAX9Q** **{dbid} Session autorestart finished**

**Explanation** The starting cluster nucleus that printed message ADAX9P has now determined that the session autorestart performed by the active cluster has completed and that its Work data set is now empty (i.e., contains no relevant protection data anymore). It will continue with the session start.

**Action** No action is required for this informational message.

# 35 ADAZ* - ADAZIP System Messages

Adabas for zIIP provides the following messages generated by module ADAZIP. They appear only in the JESLOG listing of the Adabas nucleus, the SYSLOG, and the operator console; they do not appear in the DDPRINT output of the nucleus.

| | |
|---|---|
| **ADAZ01** | **{dbid} ADAZIP initialization complete** |
| **Explanation** | The zIIP-related services of Adabas have been successfully initialized. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **ADAZ02** | **{dbid} ADAZIP termination complete** |
| **Explanation** | The zIIP-related services of Adabas have been successfully terminated. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **ADAZ07** | **Unable to obtain ADAZIP WorkArea Storage** |
| **Explanation** | Insufficient memory was available for the zIIP-related services of Adabas. The nucleus will abort its session start with PARM-ERROR 129, "zIIP initialization failed". A utility will terminate with error-082, "Error occurred invoking the ADAZIP initialization". |
| **Action** | Increase the amount of memory available for Adabas (region size) or decrease the amount of memory that Adabas allocates for other purposes (one of the parameters associated with memory pools, e.g., LBP, LFIOP, LWP, NU, etc.). |

**ADAZ08** **{dbid} {serv-name} Ret/Rsn {ret-code/rsn-code}**

**Explanation** An invocation of z/OS service *serv-name* incurred return code *ret-code* with reason code *rsn-code*. The z/OS services used by ADAZIP and their possible return codes and reason codes are described in the following IBM manuals:

- *MVS Programming: Authorized Assembler Services Reference, Volumes 1-4*
- *MVS Programming: Workload Management Services*

For z/OS service errors that occur during initialization or termination, ADAZIP returns to its caller with an error indicator. For z/OS service errors that occur during normal processing, ADAZIP terminates abnormally with user abend code 109.

**Action** If this message indicates an error that cannot be resolved by other means, save the JES log, DDPRINT output and any dump of the Adabas nucleus or utility and contact your Software AG technical support for assistance.

**ADAZ09** **{dbid} ABEND in SRB Mode**
**{dbid} ABEND S{sss} U{uuuu} Reason {rsn-code}**
**{dbid} {xxxxxxxx_xxxxxxxx} {yyyyyyyy_yyyyyyyy} (PSW, EC Info)**
**{dbid} {xxxxxxxx_xxxxxxxx} {yyyyyyyy_yyyyyyyy} (R0-R1)**
**{dbid} ...**
**{dbid} {xxxxxxxx_xxxxxxxx} {yyyyyyyy_yyyyyyyy} (R14-R15)**
**{dbid} {xxxxxxxx} {yyyyyyyy} {zzzzzzzz} {vvvvvvvv} (AR0-AR3)**
**{dbid} ...**
**{dbid} {xxxxxxxx} {yyyyyyyy} {zzzzzzzz} {vvvvvvvv} (AR12-AR15)**

**Explanation** The nucleus ended abnormally while executing in SRB mode. This is the result of an error condition detected either by Adabas (user abend code *uuuu*, in decimal notation) or by z/OS (system abend code *sss*, in hexadecimal notation). The message shows the program status word (PSW), extended control (EC) information, 8 byte general registers, and 4 byte access registers as of the time of the abnormal end.

In the case of a user abend 109, reason code 10 (‘ABEND S000 U0109 Reason 0000000A’), the SRB was canceled by the error exit (ESTAE) of the TCB, which was invoked for a preceding error. The information in the ADAM99 message printed by the TCB will be more pertinent for the analysis of the error.

**Action** Refer to your Adabas documentation for a description of a nucleus user abend, or to the appropriate z/OS documentation for a description of the system abend. If this message indicates an error that cannot be resolved by other means, save the JES log, DDPRINT output and dump of the Adabas nucleus and call your technical support representative for assistance.

| | |
|---|---|
| **ADAZ99** | **Invalid PSW key - Notify Support** |
| **Explanation** | Unexpected PSW key 0 was encountered. An SDUMP is created. The incorrect PSW key was reset to the nucleus initialization key. |
| **Action** | Notify your technical support representative. Forward the SDUMP created just before the message appeared. |

# 36 AFP* - Adabas Fastpath Messages

**AFP-0000-FF** **NO TEXT**

**Explanation** This message is either

- an unexpected error; or
- an error created intentionally by zap.

**Action** Report an unexpected error to Software GmbH.

**AFP-0001-24** **ABEND PSW psw**

**Explanation** Indicates an abnormal termination of the asynchronous buffer manager (ABM). The PSW is displayed at the point the ABM abended.

**AFP-0002-24** **ABEND: NO PSW/REGS AVAILABLE**

**Explanation** Indicates an abnormal termination of the asynchronous buffer manager (ABM). The PSW and registers were *not* available.

**AFP-0003-24** **ABEND REGS - 4-GP-registers**

**Explanation** Normally follows message 0001 and is repeated 4 times. Each time it is repeated, a different set of 4 GP registers is displayed.

**AFP-0004-xx** **NEW BUFFER address, length, date, time**

**Explanation** A new buffer has been initialized. The address and length of the buffer is shown along with the starting date and time (in internal format, described below).

**Internal date format:**

Characters 1&2 indicate the century (for example, “01” = 21st century)

Characters 3&4 indicate the year (for example, “14” combined with century = 2014)

Characters 5-8 indicate the day of the year (for example, “210F” = 210th day of year)

**Internal time format:**

By way of an example, “1301501F” = 13:01:50.1

**Note:** For this message only, the severity code shown (xx) is overwritten with the message level buffer parameter. See the Buffer Parameters for an explanation of this parameter.

**Action** None, this message is for information only.

**AFP-0005-04** **INITIALIZATION FAILED**

**Explanation** This is a warning that the buffer could not be initialized. It is preceded by a message showing the reason for failure.

**AFP-0006-20** **AUTHORIZATION FAILURE**

**Explanation** The operating system would not permit Adabas Fastpath to perform certain commands; for example, `GETMAIN`.

**Action** Ensure that all AFPxxx and link modules are in an authorized library.

**AFP-0007-10** **RSP 148, RETRY: rsp, svc,dbid, fnr**

**Explanation** The Adabas Fastpath configuration file is not active. Adabas Fastpath will retry periodically. The Adabas response code and the configuration file SVC, DBID, and FNR are shown in hexadecimal.

**Action** Check the status of the configuration file.

**AFP-0008-20** **SYSFILE RESPONSE: rsp, svc, dbid, fnr**

**Explanation** An invalid Adabas response code was encountered while trying to access the Adabas Fastpath configuration file. The response code and configuration file SVC, DBID, and FNR are shown, in hexadecimal.

**Action** Check the status of the configuration file.

**AFP-0009-20** **NO SYSFILE PARAMETERS: buffer-name**

**Explanation** Global or member buffer parameters could not be found on the Adabas Fastpath configuration file for the buffer name shown.

**Action** Check the status of the configuration file.

**AFP-0010-20** **NO SYSFILE PARAMETERS: connected-buffer-name**

**Explanation** Connected buffer parameters could not be found on the Adabas Fastpath configuration file for the buffer name shown.

**Action** Check the status of the configuration file.

**AFP-0011-20** **INVALID PARAMETERS: buffer-name**

**Explanation** The parameters for the buffer name shown would require more memory than requested in the size parameter. Buffer initialization is terminated.

**Action** Check the parameter values and adjust as necessary.

**AFP-0012-20** **TRAP FAILURE: buffer-name**

**Explanation** The asynchronous buffer manager (AFPABM) must be able to intercept any abnormal ABENDs to preserve operational integrity. Initialization failed for the buffer named while attempting to set the operating system ABEND trap.

**AFP-0013-10** **ALREADY ACTIVE: buffer-name**

**Explanation** An attempt was made to start the buffer named, which is already active.

**AFP-0014-20** **GETMAIN FAILED: buffer-name**

**Explanation** The operating system GETMAIN operation failed while initializing the named buffer.

**AFP-0015-20** **SEGMENTATION FAILURE: buffer-name**

**Explanation** A failure occurred during the preformatting stage of initialization for the named buffer.

**AFP-0016-20** **FILE PARAMETER ERROR: buffer-name**

**Explanation** An error occurred during file parameter initialization of the named buffer.

**AFP-0017-20** **PARAMETER(S) OVERRIDDEN: buffer-name**

**Explanation** The buffer parameter record on the Adabas Fastpath configuration file was updated sometime between the start and end of initialization for the buffer named.

**AFP-0018-20** **BUFFER SIGNON FAILURE: buffer-name**

**Explanation** Logon to the ID table failed. Possible reasons are as follows:

- the SVC specified in the named buffer parameters could not provide Adabas communication; or
- the database number defined for the buffer was already in use by a database or another buffer.

**AFP-0019-08** **OPERATOR ENTERED: command**

**Explanation** The specified command is valid and recognized by the asynchronous buffer manager.

**AFP-0020-14** **INVALID OPERATOR COMMAND: command**

**Explanation** The specified command is not recognized as a valid command.

**AFP-0021-14** **COMMAND REJECTED: command**

**Explanation** The specified command is valid but processing is rejected.

**AFP-0022-FF** **STAT, SNAP, STOP, RESTART, NEWCOPY, HELP**

**Explanation** Response to the `HELP` command.

**AFP-0023-08** **SHUTDOWN ACTIVATED**

**Explanation** The buffer is in the process of terminating. During this process, all tasks within the Adabas Fastpath buffer are allowed to complete normally and no new tasks are started.

**AFP-0024-20** **NO CONNECTION TO BUFFER: buffer-name**

**Explanation** Initialization for the specified buffer could not be completed because it was not possible to obtain a buffer session area for the asynchronous buffer manager.

**AFP-0025-16** **SAMPLER MISSING: AFPLOOK-module-name**

**Explanation** An attempt to load the specified AFPLOOK module failed.

**AFP-0028-04** **NEWCOPY REQUEST**

**Explanation** The database component accepted a `Newcopy` request.

**AFP-0029-04** **DISCONNECT FAILURE**

**Explanation** The database component could not successfully disconnect.

**AFP-0030-04** **NO RECOVERY ACTION NEEDED**

**Explanation** The buffer ended abnormally but no specific action was necessary to provide an orderly shutdown.

**AFP-0031-18** **POSSIBLE ORPHAN: address-of-memory**

**Explanation** An attempt to free memory after an abnormal termination failed. The attempted address is shown and should be the same as that portrayed in message 0004.

**AFP-0032-18** **NOT FREED: address-of-memory**

**Explanation** An abnormal termination occurred. The memory address shown appears to be invalid and should be the same as that portrayed in message 0004.

**AFP-0033-18** **SIGNOFF FAILURE: address-of-memory**

**Explanation** An abnormal termination occurred while attempting to log off from the Adabas ID table.

**AFP-0034-08** **SNAP COMPLETED**

**Explanation** The snap dump of the Adabas Fastpath buffer has completed successfully. This message is issued in response to a request to snap the contents of the buffer.

**AFP-0035-10** **SNAP FAILED**

**Explanation** The snap dump of the Adabas Fastpath buffer failed.

**AFP-0036-14** **BUSY - PLEASE RETRY**

**Explanation** Adabas Fastpath processes only one operator command at a time and one is already being processed.

**Action** Resubmit the failed command.

**AFP-0037-18** **JOB ACTIVE: job-name-and-number**

**Explanation** The Adabas Fastpath Asynchronous Buffer Manager (AFPABM) is attempting to stop but needs to give all jobs the opportunity to release all Adabas Fastpath resources and disconnect from the Adabas Fastpath buffer. Connected jobs are signalled to disconnect and each job should react the next time an Adabas command is issued by that job. This message indicates that the job has yet to react to the signal due to lack of Adabas command activity. However, the AFPABM will proceed with the requested stop even if jobs fail to disconnect. An AFP-0069-18 message will be issued periodically to indicate when that will occur.

**AFP-0038-08** **STATISTICS UNAVAILABLE**

**Explanation** The database component disconnected successfully but could not log the final statistics.

**AFP-0039-10** **LOG EVENT ERROR: ADABAS-cmd-code-and-rsp-code**

**Explanation** An invalid Adabas response code was encountered while attempting to write a statistics log to the Adabas Fastpath configuration file. The Adabas command code and response code are shown in hexadecimal.

**AFP-0040-04** **JOB REPORT: job-name, commands**

**Explanation** If the job parameter `Job End Stats` is set to Y, AFPABM shows the above message when the named job completes. The message shows the job name and the total number of commands for the job seen by Adabas Fastpath. Messages 0041 and 0042 should follow.

**AFP-0041-04** **DIRECT ACCESS: attempts, saved, RCs**

**Explanation** This message follows either message 0040 or 0051. It shows the Adabas Fastpath direct access optimization attempts, the number of commands saved, and the number of associated `RC` commands saved.

**AFP-0042-04** **SEQUENCE: attempts, saved, over-reads**

**Explanation** This message follows either message 0040 or 0051. It shows the Adabas Fastpath read-ahead optimization attempts, the number of commands saved, and the number of commands that were not needed (over-reads).

**AFP-0043-08** **STOP REQUESTED BY: userid**

**Explanation** A buffer `STOP` request was issued from SYSAFP by the user shown.

**AFP-0044-08** **RESTART REQUESTED BY: userid**

**Explanation** A buffer `RESTART` request was issued from SYSAFP by the user shown.

**AFP-0045-08** **LOG REQUESTED BY: userid**

**Explanation** A `LOG` request was issued from SYSAFP by the user shown.

**AFP-0046-08** **NEWCOPY REQUESTED BY: userid**

**Explanation** A `NEWCOPY` request was issued from SYSAFP by the user shown.

**AFP-0047-08** **SNAP REQUESTED BY: userid**

**Explanation** A `STOP` request was issued from SYSAFP by the user shown.

**AFP-0048-18** **OPERATOR CANCEL: FORCED SHUTDOWN**

**Explanation** The buffer is being shut down due to an operating system cancel.

**AFP-0049-08** **SCHEDULED FILE STOP time fnr / dbid**

**Explanation** The file is subject to optimization by time period and a stop time period has been reached. The scheduled stop time plus the file and database number are also shown.

**AFP-0050-08** **SCHEDULED FILE START time fnr / dbid**

**Explanation** The file is subject to optimization by time period and a new start time period has been reached. The scheduled start time plus the file and database number are also shown.

**AFP-0051-04** **BUFFER STATISTICS name, total-commands**

**Explanation** This message is issued automatically at normal buffer end or when the operator command `STAT` is issued. It shows the buffer name and the total number of commands seen by Adabas Fastpath. It is followed by messages 0041 and 0042.

**AFP-0052-04** **NEWCOPY LOADED**

**Explanation** The database component successfully reloaded the Adabas Fastpath nucleus.

**AFP-0053-20** **UNABLE TO LOAD FASTPATH MODULE: module-name**

**Explanation** AFPABM was unable to load the module named in the message.

**Action** Check that the Adabas Fastpath library is defined to the buffer start task and that it contains the module named.

**AFP-0054-20** **ERROR IN LOADED FASTPATH MODULE: module-name**

**Explanation** AFPABM loaded the module named in the message but then found an error in it.

**Action** Check that the version of Adabas Fastpath matches for AFPABM and the module named.

**AFP-0059-04** **JOB REPORT: Job Number**

**Explanation** If the job parameter `Job End Stats` is set to Y, Fastpath displays this message when the job completes. The message shows the job name and job number of the ending job (step).

**AFP-0060-04** **THE DATE IS: date**

**Explanation** This message is issued by the Adabas Fastpath buffer manager at startup and also at midnight.

**AFP-0061-20** **COR GROUP NAME MISMATCH**

**Explanation** The Adabas System Coordinator group name defined for the AFPABM does not match the group name defined for the host SYSCO daemon.

**Action** Correct the group names in the defined parameters.

**AFP-0063-04** **UNABLE TO SAVE JOB END STATISTICS -**

**Explanation** The job history record could not be updated with the statistics from the named job as it finished.

**Action** Check the status of the configuration file.

**AFP-0065-20** **DATASPACE ALLOCATION FAILURE: dataspace-name,return-code**

**Explanation** The allocation of the named dataspace failed during buffer initialization.

**Action** Correct the dataspace name in the defined parameters.

**AFP-0066-10** **File DA-termination triggered for DB xxxxx Nuc yyyyy**

**Explanation** Adabas Fastpath in the database has been unable to distribute an update. The process to terminate Direct Access optimization for at least one file has been triggered.

As a result of this, one or more files, with an Update Sensitivity file parameter of 'D', may appear with a status of "DA terminated" in Adabas Fastpath online services displays.

**Action** Perform the following to re-instate Direct Access optimization for the file(s) in question:

- Ensure all Adabas System Coordinator daemons within the COR group are active.
- Schedule a stop and restart of the database/database instance identified in this message.
- Schedule an AFP RESTART of the local Adabas Fastpath buffer (this will automatically be propagated to all Adabas Fastpath buffers within the COR group).

**AFP-0067-10** **Connection error: product switched off for job {job-name}**

**Explanation** A multi-TCB job was unable to lock the resources required to attempt connection to the Fastpath Buffer.

**Action** Restart the job.

**AFP-0068-10** **Connection for job {job-name} stalled**

**Explanation** A multi-TCB job was unable to lock the resources required to attempt re-connection to the Fastpath Buffer. The message will be repeated at irregular intervals every 5 to 10 minutes until either the job successfully connects or is restarted.

**Action** Restart the job.

**AFP-0069-18** **Automatic buffer shutdown in {xxx} seconds**

**Explanation** The Adabas Fastpath Asynchronous Buffer Manager (AFPABM) is attempting to stop but needs to give all jobs the opportunity to release all Adabas Fastpath resources and disconnect from the Adabas Fashpath buffer. This message accompanies one or more AFP-0037-18 messages and indicates how long the AFPABM waits for the jobs to disconnect before proceeding with the requested stop.

**AFP-0070-04** **Disconnecting from Audit Server nnnnn**

**Explanation** Adabas Fastpath has been notified that a connected Audit Server with node ID *nnnnn* is shutting down.

**Action** None.

**AFP-0071-04** **Disconnected from Audit Server nnnnn**

**Explanation** Adabas Fastpath has disconnected from the Audit Server with node ID *nnnnn*.

**Action** None.

**AFP-0072-04** **Connected to [local/remote] Audit Server nnnnn**

**Explanation** Adabas Fastpath has connected to the Audit Server with node ID *nnnnn*.

**Action** None.

**AFP-0073-04** **RSP-xxx/yyy returned from Audit Server nnnnn**

**Explanation** An error has occurred when the Adabas Fastpath Buffer Manager attempted to connect with the Audit Server with node ID *nnnnn*.

**Action** Check the Adabas response code/subcode displayed in the message and, if necessary, contact support.

**AFP-0074-04** **xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx**

**Explanation** This message is issued in response to an `AFP DAUDPARM` operator command. Refer to the section Operator Commands for more information on `DAUDPARM`).

**Action** None.

**AFP-0075-04** **No auditing definitions**

**Explanation** This message is issued in response to an `AFP DAUDPARM` operator command when there are no Auditing Parameters to display.

**Action** None.

**AFP-0076-04** **xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx**

**Explanation** This message is issued in response to an `AFP DAUDSTAT` operator command. Refer to the section Operator Commands for more information on `DAUDSTAT`.

**Action** None.

**AFP-0077-04** **AFP Auditing is not active**

**Explanation** This message may be issued in response to auditing-related operator commands to indicate that auditing is not active.

**Action** None.

**AFP-0078-04** **AFP Auditing is active**

**Explanation** This message is issued at Fastpath Buffer startup when the COR Daemon runtime parameter `AFP AUDITING=YES` is specified. It is also issued after a successful activation following an `AFP AUDITING=YES` operator command.

**Action** None.

**AFP-0079-04** **Error freeing Audit Pool memory: xxxxxxxx**

**Explanation** An error occurred when managing Audit data related memory. The memory category is identified by xxxxxxxx.

**Action** Contact support.

**AFP-0081-04 AFP-0082-04 –**

**Sending data to auditing server nnnnn**

**failed with response code xxxxx/yyyyy**

**Explanation** This combination of messages indicates that an error response was received when sending Audit Data to the Audit Server with node ID *nnnnn*. The particular response code and subcode are provided in the AFP-0082-04 part of the message.

**Action** Check the Adabas response code/subcode displayed in the message and, if necessary, contact support.

**AFP-0082-04** **failed with response code xxxxx/ yyyyy**

**Explanation** This message, which will be preceded by another message, indicates that an error response has been received. The action being performed will be identified by the preceding message (e.g., AFP-0081-04).

**Action** Check the Adabas response code/subcode displayed in the message and the action described by the preceding message; if necessary, contact support.

**AFP-0083-04** **DBID xxxxx audit data pending: Server nnnnn not active**

**Explanation** The Adabas Fastpath Buffer Manager is unable to shut down due to the presence of pending audit data relating to database *xxxxx* and the Audit Server with node ID *nnnnn* not being active.

**Action** Ensure that the Audit Server with node ID *nnnnn* is active.

**AFP-0084-04** **Auditing Pool (LAP) is 80% full, check DAUDSTAT**

**Auditing Pool (LAP) is 100% full, check DAUDSTAT**

**Explanation** The Adabas Fastpath Audit Pool is becoming full or is full.

**Action** Issue an `AFP DAUDSTAT` operator command and ensure all appropriate Audit Servers are active. If necessary, review the COR Daemon runtime parameter AFP LAP setting.

**AFP-0085-04** **Reconnected to [local/remote] Audit Server nnnnn**

**Explanation** Adabas Fastpath has refreshed its connection to the Audit Server with node ID *nnnnn*.

**Action** None.

**AFP-0086-04** **Connection request rejected; maximum jobs exceeded**

**Explanation** A client job has failed to connect to the Fastpath Buffer as the maximum number of concurrent connections has already been reached. This is an informational message issued once for each Fastpath Buffer session.

**Action** Review the Fastpath Buffer parameter Maximum Jobs.

**AFP-0087-04** **Async call unsuccessful RC: xxxxxxxx RSP: rrr SUB: sssss**

**Explanation** An Adabas Fastpath client job has filled a staging area with Audit data and encountered an error when prompting the local Fastpath Buffer Manager to process this data. The function return code *xxxxxxxx*, Adabas Response *rrr*, and subcode *sssss* are displayed.

**Action** Contact support.

**AFP-0088-04** **xxxx nn-bit freemain failed, RET=hhhhhhhh RSN=rrrrrrrr**

**Explanation** A problem has been encountered when releasing a memory segment for a memory category of *xxxx* residing in 31-bit or 64-bit memory, as shown by *nn*.

The return code *hhhhhhhh* and reason code *rrrrrrrr* from the freemain attempt are shown.

**Action** Contact support.

**AFP-0089-04** **Peer daemon gone; d-a optimization may be affected**

**Explanation** A COR daemon in the same group on a remote lpar has gone away. Any file that has a distributed update sensitivity (all ALS files and any for which the update sensitivity has been set manually to 'D' in the file parameters) will have direct-access (d-a) optimization switched off, as Adabas Fastpath perceives a risk that remote updates from the lpar in question may no longer be distributed.

**Action** Determine if one or more remote COR daemons have been brought down deliberately.

- If all COR daemons in the group are in the process of being shut down, no action is required.
- If the COR daemon identified in the message was shut down deliberately and this shut down was preceded by the shutting down of all instances of Adabas databases that were distributing updates, optimization can be resumed on the other lpars by issuing an `AFP RESTART` operator command against any active COR daemon in the group.
- If the COR daemon identified in the message was shut down deliberately but this shut down was not preceded by the shutting down of all instances of Adabas databases that were distributing updates, optimization can be resumed by, firstly, either (a) restarting the COR daemon; or (b) shutting down all instances of Adabas databases that were distributing updates; and, secondly, issuing an `AFP RESTART` operator command against any active COR daemon in the group.
- If the COR daemon came down unexpectedly, restart the COR daemon and once active, resume AFP optimization by issuing an `AFP RESTART` operator command against any active COR daemon in the group.

**AFP-0090-04** **Job xxxxxxxx failed to connect; ABM services not licensed**

**Explanation** Adabas Fastpath requires an AFP license to be available to the Asynchronous Buffer Manager (ABM). Jobs are unable to connect to the ABM if the AFP license check fails.

**Action** Correct the AFP license and issue a `LICREFRESH` operator command to the Adabas System Coordinator daemon. The specified job will periodically attempt reconnection and, after a successful reconnection, an AFP-0091-04 message should be issued.

**AFP-0091-04** **Job xxxxxxxx connected ok; ABM services now licensed**

**Explanation** This message indicates that job *xxxxxxxx* has now successfully connected to the Fastpath Buffer after an earlier AFP-0090-04 message was issued for this job due to an AFP license check failure in the COR daemon hosting the Fastpath Buffer.

**Action** None.

**AFP-0092-04** **DB xxxxx excluded from Auditing - ADA version mismatch**

**Explanation** One or more files in database number *xxxxx*, which are configured for direct-access optimization, are defined to audit access commands (via database ADAANP parameters), but the Adabas version of the database is greater than that of the Adabas System Coordinator daemon.

To support the auditing of optimized access commands, the Adabas version of the Adabas System Coordinator daemon must not be less than that of the database.

Direct-access optimization for these files may continue, but no audit data for such optimized commands will be collected.

**Action** Either update:

- the version of Adabas used by the Adabas System Coordinator daemon
- the Adabas version of the database

**AFP-0093-04** **DB xxxxx exclusion from Auditing lifted - ADA version ok**

**Explanation** This message may be seen after corrective action has been taken following the issuance of an AFP-0092-04 message.

The collection of audit data will now occur for optimized direct-access commands to files configured for auditing on database number *xxxxx*.

**Action** None.

**AFP-0094-04** **Auditing disallowed for DB xxxxx file(s) using Server sssss**

**Explanation** The Adabas version of the audit server *sssss* is less than that of database number *xxxxx*.

No audit data will be collected for optimized direct-access commands for files on this database that have been defined for auditing (via database ADAANP parameters) using audit server *sssss*.

Direct-access optimization for these files may continue, but no audit data for such optimized commands will be collected.

**Action** Either update:

- the version of Adabas used by the audit server
- the Adabas version of the database

**AFP-0095-04** **Auditing re-allowed for DB xxxxx file(s) using Server sssss**

**Explanation** This message may be seen after corrective action has been taken following the issuance of an AFP-0094-04 message.

The collection of audit data will now occur for optimized direct-access commands to files configured for auditing on database number *xxxxx* using audit server *sssss*.

**Action** None.

**AFP-0096-04** **SVC=svc DBID=dbid FNR=fnr CC=cc PD=pd SSID=nnnnn Err=hh**

**Explanation** This message indicates that the direct-access set was rejected during creation. The details provided can be used to identify the affected set in Adabas Fastpath Online Services or via the AFPCMD batch reporting utility.

- *svc* is the SVC of the specified database
- *dbid* is the database ID of the specified database
- *fnr* is the file number of the specified file
- *cc* is the command code
- *pd* is the primary descriptor (L1 sets have a value of ALL)
- *nnnnn* is the short set ID
- *hh* is the error code

**Note:** No optimization will have occurred for the set during the current Fastpath buffer session.

**Action** This message is for information only.

Refer to the Set Error Codes for an explanation of the error code.

**AFP-0097-10** **SVC=svc DBID=dbid FNR=fnr CC=cc PD=pd SSID=nnnnn Err=hh**

**Explanation** This message indicates that a direct-access set was deactivated after creation. The details provided can be used to identify the affected set in Adabas Fastpath Online Services or via the AFPCMD batch reporting utility.

- *svc* is the SVC of the specified database
- *dbid* is the database ID of the specified database
- *fnr* is the file number of the specified file
- *cc* is the command code
- *pd* is the primary descriptor (L1 sets have a value of ALL)
- *nnnnn* is the short set ID
- *hh* is the error code

**Note:** Optimization may have occurred for the set during the current Fastpath buffer session, potentially resulting in lower optimization rates.

**Action** This message is for information only.

Refer to the Set Error Codes for an explanation of the error code.

# 37 AREV* - Adabas Review Hub Messages

**AREV01** **{hub-id} ADAREV HUB Vv.r.s COMING UP**

**Explanation** The Adabas Review hub session initialization is in progress.

**Action** None required. This message is for your information only.

**AREV02** **{hub-id} ADAREV HUB IS A C T I V E**

**Explanation** The Adabas Review hub system has successfully initialized.

**Action** None required. This message is for your information only.

**AREV03** **{hub-id} ADAREV HUB IS C L O S E D**

**Explanation** The Adabas Review hub system has completed its session close processing.

**Action** None required. This message is for your information only.

**AREV04** **{hub-id} OPERCOM: {command}**

**Explanation** The Adabas Review hub repeats the operator command before continuing.

**Action** None required. This message is for your information only.

**AREV05** **{hub-id} OPERCOM COMPLETED**

**Explanation** The issued command was processed by the Adabas Review hub.

**Action** None required. This message is for your information only.

**AREV06** **{hub-id} NO REQUESTS ARE PRESENTLY QUEUED**
**{hub-id nnn} REQUESTS ARE PRESENTLY QUEUED**

**Explanation** This message is displayed in response to the DNC operator command. *nnn* indicates the number of command queue elements queued for processing by the Adabas Review hub.

This message is also displayed in response to a DCQ operator command in the event that there are no command queue elements waiting to be processed.

**Action** None required. This message is for your information only.

**AREV07** **{hub-id nnn} NEXT EXPECTED SEQUENCE NUMBER**
**{hub-id cqe-seq-num cqe-job-name cqe-user-id (xxx) cmd ffss}**

**Explanation** This message is displayed in response to the DCQ operator command. The first message displays the expected sequence number nnn that shows which numbered command queue element is in line to be processed next. The following information is displayed for each command queue element:

| | |
|---|---|
| *cqe-seq-num* | sequence number of the command queue element. |
| *cqe-job-name* | job name of the Adabas being monitored. |
| *cqe-user-id (xxx)* | user ID of the Adabas being monitored followed by the value in displayable character hex. |
| *cmd* | Adabas command used for this request. |
| *ff* | CQE status flags in hexadecimal: |
| | x'20' waiting for 16-call<br>x'10' 16-call required<br>x'08' attached buffers<br>x'04' attached buffers required |
| *ss* | more CQE status flags in hexadecimal: |
| | x'80' in process<br>x'40' ready to be selected |

**Action** None required. This message is for your information only.

**AREV08** **{hubid} ENQUEUE ON HUB {hubid} SVC {svc} FAILED**

**Explanation** An Adabas Review hub is started with the hub ID and SVC listed in the message, but another hub with that hub ID and SVC is already running. The new Adabas Review hub comes down.

**Action** Determine why one Adabas Review hub was started while another hub with the same ID was already running.

**AREV70** **{hub-id} TOTAL CQE USED: {uuuuu} OF {ttttt}**

**Explanation** This message is displayed when the Adabas Review hub is terminated. *uuuuu* is the total number of CQEs used by the hub; *ttttt* is the total number of CQEs allocated by the hub.

**Action** None required. This message is for your information only.

**AREV80** **{hub-id} REVIEW PARAMETER IS MISSING**

**Explanation** An attempt was made to start a hub database, but the hub ID has not been specified in the `REVIEW` parameter.

**Action** Specify the hub ID on the ADARUN `REVIEW` parameter and restart the hub database.

**AREV81** **{hub-id} MPM-24 CALL FAILED**

**Explanation** The Adabas Review hub was unable to establish interregion communication. Adabas Review terminates processing.

**Action** Identify and correct the error.

**AREV82** **{hub-id} MPM-00 CALL FAILED**

**Explanation** The Adabas Review hub was unable to establish interregion communication. Adabas Review terminates processing.

**Action** Identify and correct the error.

**AREV83** **{hub-id} IDTE FOR THIS HUB IS NO LONGER ACTIVE**

**Explanation** The ID table element for the hub is no longer marked as being in use by this Adabas Review. It is probable that another target (Adabas, Adabas Review, etc.) was initialized using the same DBID / Adabas Review hub ID with the `FORCE=YES` parameter. Adabas Review terminates processing.

**Action** If another target was inadvertently initialized, quiesce and terminate the target and restart Adabas Review. To prevent such problems, ensure that the `FORCE=YES` parameter is not used for target initialization unless absolutely necessary.

**AREV84** **{hub-id} USER GONE ON MPM-8 CALL**

**Explanation** The Adabas Review hub tried to process a request but the addressed data area was not addressable, or no longer contained recognizable data. This error occurred while Adabas Review was receiving the request (router-08 call processing). It is probable that the client nucleus was terminated while it was sending the request to Adabas Review.

**Action** None required. Adabas Review cannot process this request so it is cleared from the queue.

**AREV86** **{hub-id} INTERREGION COMMUNICATION COULD NOT BE ESTABLISHED**

**Explanation** The Adabas Review hub was unable to establish interregion communication due to an unexpected response returned from ADAMPM. Adabas Review terminates processing.

**Action** Check for system messages from ADAMPM that could identify the error. If the error cannot be identified, keep all dumps, messages, and other related information and contact your our support representative.

**AREV87** **{hub-id} OPERATOR COMMUNICATIONS COULD NOT BE ENABLED**

**Explanation** The Adabas Review hub could not establish operator communications. Adabas Review terminates processing.

**Action** Identify and correct the error.

**AREV88** **{hub-id} TIMER SERVICES COULD NOT BE INITIALIZED**

**Explanation** The Adabas Review hub was unable to establish STIMER services. Adabas Review terminates processing.

**Action** Identify and correct the error.

**AREV89** **{hub-id} CORRUPTED CQE ARRIVED**

**Explanation** A command has arrived at the Adabas Review Hub, but when it was selected for processing it was not in an acceptable state. This indicates a logic error.

**Action** Contact your technical support representative for assistance.

**AREV90** **{hub-id} GETMAIN FAILURE, SIZE= {requested-getmain-size}**

**Explanation** The Adabas Review hub was unable to obtain the necessary GETMAIN space to operate. Adabas Review terminates processing. It is probable that the specified region size is too small, or the default region size is too small. SIZE is the requested GETMAIN size that could not be obtained.

**Action** Increase the region size for Adabas Review and restart.

**AREV91** **{hub-id} MISSING OR INCOMPATIBLE REVIEW COMPONENT**

**Explanation** The Adabas Review hub could not load the module REVHUB or the REVHUB module that was loaded is not the correct version or SM-level. Adabas Review terminates processing.

**Action** Locate the correct REVHUB module, ensure that the module is accessible by Adabas Review, and restart Adabas Review.

**AREV92** **{hub-id} BREAK DETECTED IN SEQUENCE NUMBERS**
**{hub-id} EXPECTED SEQUENCE NUMBER {xxxxx}**
**{hub-id} RECEIVED SEQUENCE NUMBER {yyyyy}**

**Explanation** The Adabas Review hub processes the requests in the order that the numbered requests are received. This means that Adabas Review always knows the next number in sequence that should be received. If there is a discrepancy, this message is displayed along with the expected sequence number and the sequence number actually received. A skipped or missing sequence number can indicate that a request has been dropped by the router. Adabas Review continues processing.

**Action** Lost requests may indicate that the hub is overloaded. Check the client nuclei for nonzero response codes received from the hub. In some cases, the number of commands (`NC`) parameter needs to be increased to accommodate the load from the client nuclei. Otherwise, divide up the Adabas Review monitoring work load on multiple hubs.

**AREV93** **{hub-id} ERROR IN REQUEST: {command}**

**Explanation** Either the specified operator command was invalid or incorrectly entered. Adabas Review ignores this operator command.

**Action** Ensure that the command syntax is valid, and retry the command.

**AREV94** **{hub-id} REVIEW NUCLEUS SESSION OPEN FAILURE**

**Explanation** The Adabas Review nucleus returned a non-zero status during initialization.

**Action** Check all messages displayed by the Adabas Review nucleus, correct any errors, and restart Adabas Review.

**AREV95** **{hub-id} INCOMPATIBLE ADAMPM MODULE, CONTACT SUPPORT CENTER**

**Explanation** The ADAMPM module is not compatible with this version/release of Adabas Review. It is probable that the wrong Adabas load library, SM-level, or version is being used. Adabas Review terminates processing. It is probable that the wrong Adabas load library is being used.

**Action** Locate the correct ADAMPM module, ensure that the module is accessible by Adabas Review, and restart Adabas Review. If the problem persists even with the correct ADAMPM module, contact your technical support representative.

**AREV99** **{hub-id} ADAREV HUB ABNORMALLY TERMINATED**

**Explanation** The Adabas Review hub is terminating due to a previous error.

**Action** Correct any errors and restart Adabas Review.

# 38 ARF* - Adabas Event Replicator Subsystem Messages

**ARF00001** **Default broker name was inserted**

**Explanation** No default IBM EntireX stub name was supplied on the Global Values screen. The default stub name, BROKER, is inserted.

**Action** No action is required for this informational message.

**ARF00002** **Broker Service must be provided**

**Explanation** No IBM EntireX service was provided in a IBM EntireX destination definition. One is required.

**Action** Specify a valid IBM EntireX service ID for this destination definition.

**ARF00003** **Cannot enter a GFB if a format buffer is in use**

**Explanation** During editing of an SFILE definition, an attempt was made to specify both a format buffer and a GFB definition name for the before image, after image, or key-related before image of the SFILE. You cannot specify a format buffer if you have already specified a GFB definition name; likewise, you cannot specify a GFB definition name if you have already specified a format buffer.

**Action** Specify either a format buffer or a GFB definition name, but not both.

**ARF00004** **Cannot save in read-only mode**

**Explanation** An attempt was made to save a definition in the Event Replicator Server Parameter Subsystem, but the record being edited was in read-only mode. You cannot save a definition you have not explicitly edited.

**Action** Edit the definition and try again.

**ARF00006** **Description must not be blank**

**Explanation** At least one destination must be specified for a subscription definition.

**Action** Specify a destination definition to be associated with this subscription definition.

**ARF00007** **Do not select blank entries**

**Explanation** An attempt was made to select a blank line on the List of Destinations screen in the Adabas Event Replicator Subsystem

**Action** Select a line that is not blank but that has a destination name listed.

**ARF00008** **Duplicate entry not allowed**

**Explanation** While defining an Adabas destination definition, an attempt was made to specify a database ID and file combination twice in either the **Input DBID** and **Input File** fields or in the **Target DBID** and **Target File** fields. This is not allowed.

**Action** Specify unique database ID and file combinations on the Adabas Destination Definition screen.

**ARF00009** **Entire Broker ID must be provided**

**Explanation** An attempt was made to save a IBM EntireX destination definition when no IBM EntireX ID was supplied.

**Action** Supply a valid IBM EntireX ID.

**ARF00010** **Existing Destination Updated**

**Explanation** The existing definition was updated in the Event Replicator Server Parameter Subsystem.

**Action** No action is required for this informational message.

**ARF00011** **Invalid name**

**Explanation** An invalid name was supplied.

**Action** Correct the name in the field that the Adabas Event Replicator Subsystem identifies as invalid.

**ARF00012** **Invalid selection character**

**Explanation** An invalid character was specified in the SEL column.

**Action** Refer to the help for the specific screen to determine what values can be specified for the field in question and then specify a valid value.

**ARF00013** **Invalid value**

**Explanation** An invalid value was supplied in one of the fields on the Event Replicator Server Parameter Subsystem screen.

**Action** Correct the value in the field that the Adabas Event Replicator Subsystem identifies as invalid.

**ARF00014** **Invalid Architecture value (valid: 0-2)**

**Explanation** An invalid value was specified for the Architecture field on the screen. Valid values range from "0" through "2".

**Action** Refer to the help for the specific screen to determine what values can be specified for the field in question and then specify a valid value.

**ARF00015** **Invalid MAXOUTPUT value (valid: 32768-2147483647)**

**Explanation** An invalid value was specified in the **Max Output Size** field on the Global Values screen.

**Action** Refer to the help for the specific screen to determine what values can be specified for the field in question and then specify a valid value.

**ARF00016** **Invalid Subtasks value (valid: 0-15)**

**Explanation** An invalid value was specified for the **Subtasks** field on the Global Values screen.

**Action** Refer to the help for the specific screen to determine what values can be specified for the field in question and then specify a valid value.

**ARF00017** **MQ Queue Name must be provided**

**Explanation** A WebSphere MQ queue name must be specified in the **MQ Queue Name** field when creating a WebSphere MQ IQUEUE definition.

**Action** Specify a valid WebSphere MQ queue name in the **MQ Queue Name** field.

**ARF00018** **Name is required**

**Explanation** An attempt was made to save a definition when no name was specified. A name must be provided for the definition.

**Action** Specify a valid name for the definition.

**ARF00019** **Name must be provided**

**Explanation** An attempt was made to save a definition when no name was specified. A name must be provided for the definition.

**Action** Specify a valid name for the definition.

**ARF00020** **New destination info added**

**Explanation** The destination definition has been successfully added.

**Action** No action is required for this informational message.

**ARF00021** **New destination saved**

**Explanation** The destination definition has been successfully saved.

**Action** No action is required for this informational message.

**ARF00022** **New GFB added**

**Explanation** The GFB definition has been successfully added.

**Action** No action is required for this informational message.

**ARF00024** **Queue Manager Name must be provided**

**Explanation** An attempt was made to save a WebSphere MQ destination definition but a WebSphere MQ queue manager name was not supplied.

**Action** Supply a valid WebSphere MQ queue manager name.

**ARF00025** **Queue Name must be provided**

**Explanation** An attempt was made to save a WebSphere MQ destination definition but a WebSphere MQ queue name was not supplied.

**Action** Supply a valid WebSphere MQ queue name.

**ARF00026** **Service Class must be provided**

**Explanation** An attempt was made to save a IBM EntireX destination definition but a IBM EntireX service class name was not supplied.

**Action** Supply a valid IBM EntireX service class name.

**ARF00027** **Service Name must be provided**

**Explanation** An attempt was made to save a IBM EntireX destination definition but a IBM EntireX service name was not supplied.

**Action** Supply a valid IBM EntireX service name.

**ARF00028** **Subscription not defined**

**Explanation** The subscription selected for an Adabas destination definition has not yet been defined.

**Action** No action is required immediately. You can save the destination definition with the invalid subscription specification, but the destination definition is marked as "pending" in the Event Replicator Server. When you create the subscription later on, the destination definition is automatically updated and the "pending" status is removed.

**ARF00029** **Subscription saved/updated**

**Explanation** The subscription definition was successfully updated and saved.

**Action** No action is required for this informational message.

**ARF00030** **Subscription Name is required**

**Explanation** An attempt was made to save an Adabas destination definition when no subscription name (even a name for an as-yet undefined subscription) has been specified. A subscription definition is required for an Adabas destination definition.

**Action** Specify a subscription name for the Adabas destination definition. You can press PF6 on this screen to select a subscription name from a list of the currently defined subscription definitions.

In addition, you can specify the name of a subscription that has not yet been defined. In this case, the destination definition is marked as "pending" in the Event Replicator Server. When you create the subscription later on, the destination definition is automatically updated and the "pending" status is removed.

**ARF00031** **Subscription name must not be blank**

**Explanation** An attempt was made to save a subscription definition when no subscription name was specified. A name is required for a subscription definition.

**Action** Specify a valid subscription name.

**ARF00032** **There are currently no SFILEs - Press PF4 to add**

**Explanation** There are no SFILE definitions currently defined in the Event Replicator Server.

**Action** Press PF4 to access screens that allow you to add an SFILE definition.

**ARF00033** **Zero entry not allowed**

**Explanation** A zero was entered for a database ID or file number in an Adabas destination definition. Zero values are not allowed in database IDs or file numbers.

**Action** Specify a valid database ID or file number.

**ARF00034** **PF{nn} not defined**

**Explanation** A function (PF) key was pressed that is not valid for the screen.

**Action** Review the function keys listed at the bottom of the screen and select a valid one for that screen.

**ARF00035** **Cannot enter a format buffer if GFB is in use**

**Explanation** During editing of an SFILE definition, an attempt was made to specify both a format buffer and a GFB definition name for the before image, after image, or key-related before image of the SFILE. You cannot specify a format buffer if you have already specified a GFB definition name; likewise, you cannot specify a GFB definition name if you have already specified a format buffer.

**Action** Specify either a format buffer or a GFB definition name, but not both.

**ARF00036** **GFB is not defined**

**Explanation** The GFB definition specified for an SFILE definition is not defined in the Event Replicator Server.

**Action** Specify the name of a GFB definition that has been previously defined in the Event Replicator Server.

**ARF00038** **Duplicate destinations not allowed**

**Explanation** An attempt was made to assign the same destination definition to a subscription more than once. Every destination definition specified for a subscription definition must be unique.

**Action** Specify a unique destination definition name.

**ARF00041** **Missing or invalid destination flags**

**Explanation** While assigning a destination definition to a subscription definition, no values were supplied for the N (normal replicated data) or the I (initial-state replicated data) flags.

**Action** Specify values for the I and N fields on the screen. Refer to help for the screen to review the valid values.

**ARF00043** **Invalid DBID value**

**Explanation** An invalid database ID was specified in an SFILE definition.

**Action** Specify a valid database ID.

**ARF00044** **Invalid FILE value**

**Explanation** An invalid file number was specified in an SFILE definition.

**Action** Specify a valid file number.

**ARF00045** **Default info updated**

**Explanation** The default values specified on the Global Values screen of the Adabas Event Replicator Subsystem have been successfully updated and saved.

**Action** No action is required for this informational message.

**ARF00046** **GFB not saved**

**Explanation** Changes were made to a GFB definition, but the GFB definition has not been saved.

**Action** Save and replace the existing GFB definition or alter the GFB definition name and save it under the new name.

**ARF00047** **IQUEUE definition deleted**

**Explanation** The selected IQUEUE definition has been successfully deleted from the Event Replicator Server.

**Action** No action is required for this informational message.

**ARF00048** **Subscription deleted**

**Explanation** The selected subscription definition has been successfully deleted from the Event Replicator Server.

**Action** No action is required for this informational message.

**ARF00049** **IQUEUE definition updated**

**Explanation** The IQUEUE definition was successfully updated.

**Action** No action is required for this informational message.

**ARF00050** **IQUEUE definition saved**

**Explanation** The IQUEUE definition was successfully saved.

**Action** No action is required for this informational message.

**ARF00051** **Initial State definition deleted**

**Explanation** The initial-state definition was successfully deleted.

**Action** No action is required for this informational message.

**ARF00052** **Initial-State definition saved**

**Explanation** The initial-state definition was successfully saved.

**Action** No action is required for this informational message.

**ARF00053** **Initial-State definition updated**

**Explanation** The initial-state definition was successfully updated.

**Action** No action is required for this informational message.

**ARF00054** **SFILE deleted**

**Explanation** The SFILE definition was successfully deleted.

**Action** No action is required for this informational message.

**ARF00055** **Select A,I or enter selection criteria**

**Explanation** This informational message informs you to specify "A" or "I" in the **I** field on this screen or leave the **I** field blank and specify selection criteria instead.

**Action** In the **I** field on the Initial-State Definition screen, specify "A" (no filter), "I" (filter by initial-state ISN specification), or a blank (filter by selection criteria). If you specify a blank, you must also specify some selection criteria in the **Selection Criteria** field on the screen.

**ARF00056** **"I" Field must be blank for selection criteria**

**Explanation** An attempt was made to specify a value for the **I** and **Selection Criteria** fields on the Initial-State Definition screen. If you want to specify selection criteria, the **I** field must be blank.

**Action** Specify a valid value in the **I** field or specify selection criteria in the **Selection Criteria** field, but not both.

**ARF00057** **IDBID cannot be zero**

**Explanation** An attempt was made to save an initial-state definition for which no values for the **IDBID** field were specified.

**Action** Specify at least one input database ID in the **IDBID** field for the initial-state definition.

**ARF00058** **IFile cannot be zero**

**Explanation** An attempt was made to save an initial-state definition for which no values for the **IFile** field were specified.

**Action** Specify at least one input file number in the **IFile** field for the initial-state definition.

**ARF00059** **Object not copied - Already exists**

**Explanation** While attempting to copy an Event Replicator Server definition, a duplicate name was specified.

**Action** Specify a new unique definition name when copying definitions.

**ARF00060** **Destination of another type and same name exists**

**Explanation** An attempt was made to define two destination definitions with the same name, but of different types. This is not allowed.

**Action** Specify a unique name each time you add a destination name to the Event Replicator Server.

**ARF00061** **Input DBID must be 1-65535**

**Explanation** An invalid value was specified for the **Input DBID** field on the Adabas Destination Definition screen.

**Action** Specify a valid database ID for the **Input DBID** field. Valid values range from "1" to "65535".

**ARF00062** **Target DBID must be 1-65535**

**Explanation** An invalid value was specified for the **Target DBID** field on the Adabas Destination Definition screen.

**Action** Specify a valid database ID for the **Target DBID** field. Valid values range from "1" to "65535".

**ARF00063** **Input DBID/FNR and target DBID/FNR cannot be the same**

**Explanation** In an Adabas destination definition, the database ID and file number combination specified for the **Input DBID** and **Input File** fields were the same as those specified for the **Target DBID** and **Target File** fields. The DBID/file combinations for the input fields must be different than those specified for the target fields.

**Action** Specify unique DBID/file combinations for the input and target fields of an Adabas destination definition.

**ARF00064** **Destination does not exist**

**Explanation** In a subscription definition, the name of a destination that has not yet been defined was specified on the Destination List screen.

**Action** Specify the name of a previously defined destination definition for the subscription.

**ARF00065** **MESSAGE {number} NOT FOUND**

**Explanation** No help could be found for the message number you specified.

**Action** Verify that you have specified the correct number. To get help for Adabas Event Replicator Subsystem messages, enter:

```
msg nn
```

at the Command prompt. Specify the two-digit message number (omit the leading zeros) for *nn*.

If you have specified a valid message number and the error persists, contact your technical support representative.

**ARF00066** **Invalid message number**

**Explanation** The message value specified during a message help request was not in a format that the Adabas Event Replicator Subsystem recognized.

**Action** Request message help using a valid message number format. To get help for Adabas Event Replicator Subsystem messages, enter:

```
msg nn
```

at the Command prompt. Specify the two-digit message number (omit the leading zeros) for *nn*.

If you have specified a valid message number and the error persists, contact your technical support representative.

**ARF00067** **DBID/FNR is not a valid Replicator file**

**Explanation** The database ID and file number combination specified on the Set LFILE Parameters screen were not for an Event Replicator Server.

**Action** Specify the database ID and file number combination of an Event Replicator Server.

**ARF00068** **Existing resend buffer updated**

**Explanation** The resend buffer definition was successfully updated.

**Action** No action is required for this informational message.

**ARF00069** **Invalid buffer size (VALID: 32-2097151)**

**Explanation** An invalid buffer size was specified for a resend buffer definition.

**Action** Specify a valid buffer size. Refer to help for this screen for a range of valid values.

**ARF00070** **Invalid buffer name**

**Explanation** The resend buffer definition name specified in the subscription definition is for a resend buffer definition that has not yet been defined.

**Action** Specify the name of a previously defined resend buffer definition.

**ARF00071** **Resend buffer definition does not exist**

**Explanation** The resend buffer definition specified for the subscription definition has never been defined.

**Action** Specify the name of a previously defined resend buffer definition.

**ARF00072** **Subscription no longer available**

**Explanation** The subscription definition was deleted somehow (probably by somebody else) while you were working on it.

**Action** Try saving it again.

**ARF00073** **Subscription already exists, cannot save**

**Explanation** An attempt was made to create a new subscription definition with the same name as an existing subscription definition.

**Action** Specify a unique name for each subscription definition you define.

**ARF00074** **New resend buffer saved**

**Explanation** The resend buffer definition has been successfully saved.

**Action** No action is required for this informational message.

**ARF00075** **GFB replaced**

**Explanation** The GFB definition was successfully altered and saved.

**Action** No action is required for this informational message.

**ARF00076** **Invalid Message Limit value (valid: 3-2147483647)**

**Explanation** An invalid value was specified for the **Input Request Message Limit** field of the Global Values screen.

**Action** Refer to help for this screen to review the valid values for this field. Then specify a valid value.

**ARF00077** **GFB is used by subscription {name} -- Not deleted**

**Explanation** An attempt was made to delete a GFB definition that is used by a subscription definition. The deletion attempt fails.

**Action** No action is required. However, if you really need to delete the GFB definition, edit the subscription definition, specify a different GFB definition for the subscription, save the subscription definition, and try the delete attempt again.

**ARF00078** **Subscription name cannot be changed**

**Explanation** An attempt was made to change the name of an existing subscription definition on the Subscription Definition screen. Once defined, the name of a subscription definition cannot be changed.

**Action** This limitation is designed to protect you from accidental replication problems, To get around this limitation, copy the subscription definition to a new name and delete the original subscription (with the original name) on the Available Subscriptions screen.

**ARF00079** **Invalid num of concurrent requests - (valid 1-2147483647)**

**Explanation** An invalid value was specified for the **Num of Concurrent Initial State Requests** field on the Initial-State Definition screen.

**Action** Refer to the help for this screen for a description of the valid values for this field. Then specify a valid value.

**ARF00080** **Invalid Message Interval value - (valid 1-2147483647)**

**Explanation** An invalid value was specified for the **Input Request Message Interval** field on the Global Values screen.

**Action** Refer to the help for this screen for a description of the valid values for this field. Then specify a valid value.

**ARF00083** **Subscription not deleted --- Used by Initial State {name}**

**Explanation** A request to delete a subscription was canceled because an initial-state definition makes reference to it. The name of the initial-state definition is given in the message.

**Action** Delete the initial-state definition prior to deleting the subscription.

**ARF00084** **Subscription not deleted --- Used by Destination {name}**

**Explanation** A request to delete a subscription was canceled because a destination definition makes reference to it. The name of the destination definition is given in the message.

**Action** Delete the destination definition prior to deleting the subscription.

**ARF00085** **Destination not deleted --- Used by subscription {name}**

**Explanation** A request to delete a destination was canceled because a subscription definition makes reference to it. The name of the subscription definition is given in the message.

**Action** Delete the subscription definition prior to deleting the destination.

**ARF00086** **Destination not deleted --- Used by Initial State {name}**

**Explanation** A request to delete a destination was canceled because an initial-state definition makes reference to it. The name of the initial-state definition is given in the message.

**Action** Delete the initial-state definition prior to deleting the destination.

**ARF00087** **GFB not deleted --- Used by subscription {name}**

**Explanation** A request to delete a GFB definition was canceled because a subscription definition makes reference to it. The name of the subscription definition is given in the message.

**Action** Delete the GFB reference in the subscription definition prior to deleting the GFB definition.

**ARF00088** **LFILE allocation error**

**Explanation** An attempt was made to set the LFILE parameters using the Adabas Event Replicator Subsystem's Set LFILE Parameters screen, but the attempt failed.

**Action** Enter Natural using the LFILE=(89,*nnnnn*,*nnnn*) session parameter where *nnnnn*, *nnnn* are the DBID and file number of the Replicator system file.

**ARF00089** **Natural error {eeee} occurred at line {nnnn} of program {pppppppp}**

**Explanation** A Natural error occurred. The Natural error number (*eeee*), the possible line number within the program (*nnnn*). and the program name (*pppppppp*) that encountered the error are given in the message.

**Action** Read about the Natural error in the Natural documentation and follow the instructions described for that error.

**ARF00090** **Cannot save due to syntax errors**

**Explanation** The definition could not be saved because parameters in the definition were not specified correctly.

**Action** Correct the parameters and try to save the definition again.

**ARF00091** **Filter not allowed if using UES conversion**

**Explanation** An attempt was made to supply a filter definition for a subscription that allows UES conversion. In other words, its architecture key (SARC parameter) is not "2" and a value other than "0" has been set for the user data alpha and wide settings (SACODE and SWCODE parameters). At this time, filters are only allowed on subscriptions that do not allow UES conversion. So the architecture key (SARC) must be set to "2" and the user data alpha and wide settings (SACODE and SWCODE) must be set to "0".

**Action** Change the subscription definition. Either remove the filter definition specification or reset the UES field values.

**ARF00092** **Input FILE must be 1-5000**

**Explanation** An invalid value was specified for the **Input File** field on the Adabas Destination Definition screen. Valid values range from "1" through "5000".

**Action** Specify a valid file number for the **Input File** field.

**ARF00093** **Target FILE must be 1-5000**

**Explanation** An invalid value was specified for the **Target File** field on the Adabas Destination Definition screen. Valid values range from "1" through "5000".

**Action** Specify a valid file number for the **Target File** field.

**ARF00101** **A maximum of {n} entries can be selected**

**Explanation** More than *n* transaction filter definitions have been selected for the SFILE definition. The maximum that can be selected is listed in the message.

**Action** Select the correct number of transaction filter definitions for the SFILE definition.

**ARF00102** **Transaction filter {name} does not exist**

**Explanation** This error may occur if there are concurrent updates on the same transaction filter definition. For example, if one user is modifying a definition at the same time as another user deletes it, this error occurs. The name of the transaction filter definition is given in the message.

**Action** Try saving the transaction filter definition again.

**ARF00103** **Transaction filter name cannot be changed**

**Explanation** An attempt was made to change the name of an existing transaction filter definition on the Transaction Filter screen. Once defined, the name of a transaction filter definition cannot be changed.

**Action** This limitation is designed to protect you from accidental replication problems, To get around this limitation, copy the transaction filter definition to a new name and delete the original transaction filter (with the original name) on the List of Transaction Filters screen.

**ARF00104** **No value allowed if target field empty**

**Explanation** If no target field is specified, no target PE, target MU, or target image can be specified.

**Action** Specify a target field prior to specifying a target PE, MU, or image.

**ARF00105** **Invalid record for filter {name} in {linenumber}**

**Explanation** This error may occur if there are concurrent updates on the same transaction filter definition. For example, if one user is modifying a definition at the same time as another user deletes it, this error occurs.

**Action** Try saving the transaction filter definition again.

**ARF00106** **Value length 0 or exceeds 254**

**Explanation** Either no values were specified in the target value list for the transaction filter definition or more than 254 characters were specified.

**Action** Review the target value list for the transaction filter definition. If more than 254 characters were specified, change the list to specify fewer characters. If you intend to specify a blank for the target value list, make sure a blank character is coded between the quotation marks (' ').

**ARF00107** **Transaction filter saved/updated**

**Explanation** The transaction filter definition was successfully updated and saved.

**Action** No action is required for this informational message.

**ARF00108** **Only one value allowed for condition**

**Explanation** More than one value was specified for an LT, LE, GT, or GE condition. Only one value is allowed for these conditions, although more than one value may be specified for the EQ and NE conditions.

**Action** Specify only one value for the condition or change the type of condition.

**ARF00109** **Odd number of quotation marks**

**Explanation** A syntactical error exists in the transaction filter definition.

**Action** Review the Event Replicator for Adabas documentation and the help provided with the Adabas Event Replicator Subsystem for the correct syntax of transaction filter definitions. Correct the syntactical error and try again.

**ARF00110** **Transaction filter deleted**

**Explanation** The selected transaction filter definition has been successfully deleted from the Event Replicator Server.

**Action** No action is required for this informational message.

**ARF00111** **Transaction filter not deleted --- Used by subscription {name}**

**Explanation** A request to delete a transaction filter definition was canceled because a subscription definition makes reference to it. The name of the subscription definition is given in the message.

**Action** Delete the transaction filter definition reference in the subscription definition prior to deleting the transaction filter definition.

**ARF00112** **Quotation marks in strings have to be doubled**

**Explanation** A syntactical error exists in the transaction filter definition.

**Action** Review the Event Replicator for Adabas documentation and the help provided with the Adabas Event Replicator Subsystem for the correct syntax of transaction filter definitions. Correct the syntactical error and try again.

**ARF00113** **Invalid Adabas field name**

**Explanation** An invalid Adabas field name was specified. The field name must be two characters long with the first character alphabetic and the second character either alphabetic or numeric. No special characters are permitted.

**Action** Correct the field name.

**ARF00114** **Possible condition values: EQ, NE, LT, LE, GT or GE**

**Explanation** An invalid condition value was specified. Valid values are listed in the message.

**Action** Correct the condition value.

**ARF00115** **Transaction filter not saved**

**Explanation** Changes were made to a transaction filter definition, but the definition has not been saved.

**Action** Save and replace the existing transaction filter definition or alter the definition name and save it under the new name.

**ARF00116** **New Transaction filter added**

**Explanation** The transaction filter definition has been successfully added.

**Action** No action is required for this informational message.

**ARF00117** **Transaction filter replaced**

**Explanation** The transaction filter definition was successfully altered and saved.

**Action** No action is required for this informational message.

**ARF00118** **Enter either a target field or a value**

**Explanation** Neither a target field or a target value list was specified. One of these is required for the transaction filter definition.

**Action** Specify either a target field or a target value list for the transaction filter definition.

**ARF00119** **Number of conditions exceeds 2500 at line {number} of program {name}**

**Explanation** Over 2500 conditions were specified for the transaction filter definition. The maximum number of conditions you can specify for a transaction filter definition is 2500. The line number and program name are given in the message.

**Action** Remove conditions from the transaction filter definition so that no more than 2500 are specified and try again.

**ARF00120** **Total value length exceeds 2000**

**Explanation** Over 2000 characters were specified in the target value list for the transaction filter definition. The maximum length of all target value lists is 2000 characters.

**Action** Specify fewer values in the target value list and try again.

**ARF00121** **You must create the AI format buffer first**

**Explanation** While defining file-related parameters, an attempt was made to create a before image format buffer when an after image format buffer does not exist. The after image format buffer must be defined first.

**Action** Provide an after image format buffer first.

**ARF00122** **AI and BI buffers must be identical**

**Explanation** While defining file-related parameters, if **Include Identical Records** is specified as "N", then the before image format buffer must be identical to the after image format buffer.

**Action** Either remove the before image format buffer or make it identical to the after image format buffer.

**ARF00123** **No object found**

**Explanation** During unload processing, no object was found with the entity and name combination specified.

**Action** Check the entity and name specifications and try again.

**ARF00124** **Cannot save with errors present**

**Explanation** A request to save an object failed because errors were found in the object.

**Action** Correct the errors and try again.

**ARF00125** **AI GFB must be entered first**

**Explanation** An attempt was made to specify a before image global format buffer (GFB) definition, but the after image GFB definition must be defined first. This is only true if the value for the **Include Identical Records** field is specified as "N".

**Action** Define the after image GFB first.

**ARF00126** **Transaction Filter is not defined**

**Explanation** A transaction filter name was specified but the transaction filter has not been defined.

**Action** Define the transaction filter first or specify the name of a currently defined filter.

**ARF00127** **Cannot mix local and global format buffers**

**Explanation** An attempt was made to combine the use of local and global format buffers. This is not allowed if the value for the **Include Identical Records** field is specified as "N".

**Action** Do not mix local and global format buffers.

**ARF00128** **BI format buffer must be deleted first**

**Explanation** An attempt was made to delete an after image format buffer when a before image format buffer still exists.

**Action** Delete the before image format buffer first.

**ARF00130** **Maximum length of {parameter-name} is {nnn} characters**

**Explanation** The number of characters for the RPLOD or RPULD utility parameter named in the message has been exceeded. The maximum number of characters possible for the parameter is also listed in the message.

**Action** Correct the parameter specification and try the load or unload function again. For complete information on the RPLOD and RPULD utility parameters, read *RPLOD and RPULD Utilities* in *Event Replicator for Adabas Reference Guide*.

**ARF00131** **Resend buffer definition deleted**

**Explanation** The resend buffer definition was successfully deleted.

**Action** No action is required for this informational message.

**ARF00132** **Format buffer generated successfully**

**Explanation** The Predict function has been completed successfully.

**Action** No action is required for this informational message.

**ARF00133** **Required Predict version: 4.4 SP1; installed: {vrsp}**

**Explanation** The version of Predict required to run the selected function is given in the message. The message also indicates which version of Predict is installed in the current environment: *vrsp* identifies the Predict version, release, SP level, and service pack number. If Predict is not installed in the current environment, a remark is shown for *vrsp*.

**Action** Verify your environment and install the required version of Predict.

**ARF00134** **Global Format Buffer name must not be blank**

**Explanation** An attempt was made to save a global format buffer definition when no global format buffer name was specified. A name is required for a global format buffer definition.

**Action** Specify a valid global format buffer name.

**ARF00135** **Format Buffer must be provided**

**Explanation** An attempt was made to save a global format buffer definition when no format buffer was supplied.

**Action** Supply a format buffer and try again.

**ARF00136** **LFILE has not been set**

**Explanation** Errors occurred while attempting to save LFILE parameters on the Set LFILE Parameters screen.

**Action** Supply a correct database ID and file number and try again.

**ARF00137** **LFILE has been set successfully**

**Explanation** This confirms that the LFILE settings were successfully saved or updated on the Set LFILE Parameters screen.

**Action** No action is required for this informational message.

**ARF00138** **Replicator system file not found**

**Explanation** The Replicator system file specified on the Set LFILE Parameters screen cannot be found. Possible reasons are:

- No file was loaded.
- The LFILE parameters are incorrect.

**Action** Verify that a file is specified and that the LFILE settings are correct.

**ARF00139** **Replicator system file must be available to continue**

**Explanation** The Replicator system file specified on the Set LFILE Parameters screen is not available. The only function you can perform using the Adabas Event Replicator Subsystem is option "L" on the System Functions menu, which directs you to the Set LFILE Parameters screen, where you can fix the problem.

**Action** Navigate to the Set LFILE Parameters screen and correct the LFILE settings. Otherwise, make the Replicator system file available and try again.

**ARF00140** **Field {field-name} (Adabas short name) already defined as primary key**

**Explanation** Only one field can be marked as the primary key. The message shows the already-defined primary key field.

**Action** To define another field as the primary key, remove the existing primary key flag first.

**ARF00141** **Resulting format buffer is empty**

**Explanation** The generated format buffer does not contain any field.

**Action** Check the Predict file name and the field definitions for this file in Predict.

**ARF00142** **Predict Generation Information unlinked**

**Explanation** The Predict Generation Information has been successfully unlinked (removed) from the GFB definition.

**Action** No action is required for this informational message.

**ARF00143** **Replicator system file not available - RSP=148**

**Explanation** Adabas response code 148 (ADARSP148) was received while trying to communicate with the Event Replicator Server. The Natural LFILE setting points to a Replicator system file that is currently not available.

**Action** Correct the LFILE setting or insure that the Replicator system file is available.

**ARF00144** **Database ID deleted**

**Explanation** The database ID entry was successfully deleted.

**Action** No action is required for this informational message.

**ARF00145** **GFB deleted**

**Explanation** The GFB entry was successfully deleted.

**Action** No action is required for this informational message.

**ARF00146** **Possible values are ...**

**Explanation** An invalid value was supplied in one of the fields on the Adabas Event Replicator Subsystem screen.

**Action** Correct the value in the field that the Adabas Event Replicator Subsystem identifies as invalid.

**ARF00147** **Replay process initiated - Token={nnnnn}**

**Explanation** This confirms a replay operation was initiated and informs you of the token number associated with the replay process.

**Action** No action is required for this informational message.

**ARF00148** **Insufficient space in the replication pool**

**Explanation** There is insufficient space in the Event Replicator Server replication pool. In other words, the value specified by `LRPL` has been exceeded.

**Action** Increase the size of the `LRPL` parameter and try again.

**ARF00149** **Replay request for undefined database**

**Explanation** A replay request was issued for a database not defined to the Event Replicator Server.

**Action** Correct the DBID in the replay request or define the database to the Event Replicator Server.

**ARF00150** **Invalid (undefined/outdated) replay token**

**Explanation** The replay token is invalid. Either it is not defined or it is outdated.

**Action** Specify a valid replay token.

**ARF00151** **Requested replay in conflict with existing replay**

**Explanation** Replay processing for the same DBID and file number combination is already running.

**Action** Request replay processing for a different DBID and file number.

**ARF00152** **DATE/TIME format or value incorrect**

**Explanation** The value specified for the date or time is not in the correct format or is an invalid value.

**Action** Check the syntax of the specified date and time values. Do not specify future date and time values.

**ARF00153** **Incorrect replay parameters**

**Explanation** The specified replay parameters are incorrect.

**Action** Check and correct the replay parameters and try again.

**ARF00154** **Replay destination without SLOG closed**

**Explanation** A replay destination that was defined without an SLOG was closed at the beginning of replay processing or while the replay was running.

**Action** Reopen the closed destination and rerun the replay process for the destination.

**ARF00155** **Invalid replay status transition**

**Explanation** An invalid replay status transition occurred. Events that change the status of a replay process occurred in an unexpected order.

**Action** Notify your technical support representative.

**ARF00156** **Response {nnn} Subcode {nnn} Received from replicator**

**Explanation** The response code and subcode listed in the message were received from the Event Replicator for Adabas.

**Action** Review your Adabas documentation for the exact meaning of the listed response code and subcode. Take appropriate action, based on that description.

**ARF00158** **Subscription is required**

**Explanation** A subscription is required to submit a request to the Event Replicator Target Adapter.

**Action** Supply a valid subscription definition name for the Event Replicator Target Adapter request and try again.

**ARF00159** **Initial-State name is required**

**Explanation** An initial-state definition must be specified for populate requests to the Event Replicator Target Adapter.

**Action** Supply a valid initial-state definition name for the Event Replicator Target Adapter request and try again.

**ARF00160** **Initial-State definition not found**

**Explanation** The initial-state definition specified for the Event Replicator Target Adapter populate request cannot be found.

**Action** Verify that the initial-state definition specified for the Event Replicator Target Adapter populate request is valid and spelled correctly. Then try again.

**ARF00161** **Initial-State subscription does not match screen**

**Explanation** The subscription specified in the Event Replicator Target Adapter populate request must match one of the subscriptions specified in the initial-state definition.

**Action** Specify a subscription that is used by the initial-state definition. Then try again.

**ARF00162** **Initial-State DBID/FNR does not match screen**

**Explanation** The DBID and file number specified in the Event Replicator Target Adapter populate request do not match a DBID and file number combination specified in the initial-state definition.

**Action** Specify a DBID and file number combination that is used by the initial-state definition. Then try again.

**ARF00163** **Subscription does not contain a valid AI GFB**

**Explanation** The subscription specified for the Event Replicator Target Adapter request does not include a valid after-image global format buffer. Any subscription used in an Event Replicator Target Adapter request must include a generated global format buffer and field table. Global format buffers and field tables can be generated by the Event Replicator for Adabas using appropriate Predict file definitions.

**Action** Specify a subscription that includes a generated global format buffer and field table or add one to the subscription. Then try again.

**ARF00164** **Subscription not found**

**Explanation** The subscription definition specified for the Event Replicator Target Adapter request cannot be found.

**Action** Verify that the subscription definition specified for the Event Replicator Target Adapter request is valid and spelled correctly. Then try again.

**ARF00165** **GFB not found**

**Explanation** The global format buffer (GFB) specified by the subscription used in the Event Replicator Target Adapter request cannot be found.

**Action** Verify that the GFB definition name specified in the subscription is valid and spelled correctly. Then try again.

**ARF00166** **GFB does not contain field table**

**Explanation** The global format buffer (GFB) specified by the subscription used in the Event Replicator Target Adapter request does not include a field table. This means that the GFB definition was not generated. Only when the GFB is generated will the field table also be generated.

Global format buffers and field tables can be generated by the Event Replicator for Adabas using appropriate Predict file definitions.

**Action** Specify a subscription for that request that uses a generated GFB and field table or generate a GFB and field table for the subscription in the request.

**ARF00167** **Request successful**

**Explanation** The Event Replicator Target Adapter request was successfully submitted.

**Action** No action is required for this informational message.

**ARF00168** **Response code {nnn} subcode {nnn} received from request**

**Explanation** The response code and subcode listed in the message were received from the Event Replicator Target Adapter request.

**Action** Review your Adabas documentation for the exact meaning of the listed response code and subcode. Take appropriate action, based on that description.

**ARF00169** **A timeout occurred while running Synchronized Replay**

**Explanation** A timeout occurred while the Event Replicator Server was waiting for the end of a synchronization process after reactivating replication for a file in Adabas. The synchronization process ends when all transactions have finished that had updated the file before it was reactivated.

**Action** Wait until the Event Replicator Server reports the activation of the file (ADAF2L message). Then run a new replay job.

**ARF00171** **There is insufficient space in the nucleus pool**

**Explanation** There is insufficient space in the nucleus replication pool. In other words, the value specified by `LRPL` has been exceeded.

**Action** Increase the `LRPL` size of the nucleus and try again.

**ARF00172** **Subscription specified in a status request is undefined**

**Explanation** The subscription specified in a status request is undefined.

**Action** Correct the subscription specified in the status request and try again.

**ARF00173** **The initial-state name specified was not found**

**Explanation** The specified initial-state name was not found.

**Action** Correct the initial-state name or create an initial-state definition by that name. Then try again.

**ARF00174** **End date must be greater than start date**

**Explanation** The end date specified for the request must be later than the start date.

**Action** Correct the dates and try again.

**ARF00175** **End time must be greater than start time**

**Explanation** The end time specified for the request must be later than the start time.

**Action** Correct the times and try again.

**ARF00178** **Destination name not found**

**Explanation** One of the destinations requested for replay processing could not be found.

**Action** Verify that the names of the destination definitions in the destination list are specified accurately. Then try again.

**ARF00179** **Subscription name not found**

**Explanation** One of the subscriptions requested for replay processing could not be found.

**Action** Verify that the names of the subscription definitions in the subscription list are specified accurately. Then try again.

**ARF00180** **Destination is not active**

**Explanation** One of the destinations listed in the destination list for replay processing is not active.

**Action** Either activate the destination definition or remove it from the list for replay processing. Then try again.

**ARF00181** **Subscription not active**

**Explanation** One of the subscriptions listed in the subscription list for replay processing is not active.

**Action** Either activate the subscription definition or remove it from the list for replay processing. Then try again.

**ARF00182** **File is not active**

**Explanation** The file requested for replay processing is not active.

**Action** Activate the file. Then try again.

**ARF00183** **No files for subscription**

**Explanation** No files were found for a subscription specified in the subscription list for replay processing.

**Action** Check the subscriptions requested for replay processing and verify that they are complete and include SFILE definitions. Then try again.

**ARF00185** **Destination does not receive data**

**Explanation** One of the destinations specified in the destination list for a replay run does not receive replication data. No data can replayed for this destination.

**Action** Review the list of destinations specified for replay and alter it as necessary.

**ARF00186** **Subscription does not reference any destination**

**Explanation** A subscription definition in the subscription list for replay processing does not reference any destination definition. It is incomplete.

**Action** Complete the subscription definition and try again.

**ARF00187** **Data from file does not flow to any destination**

**Explanation** A file specified for replay is not processed by any subscription, so replicated data from the file does not flow to any destination. Data for the file could not be found in the PLOG.

**Action** Add the file to a subscription definition, let replication processing run for a while, and then try again.

**ARF00188** **No data flow for destination**

**Explanation** A destination definition requested for replay is not referenced by any subscription. No PLOG data exists for the destination.

**Action** Add the destination to a subscription definition, let replication processing run for a while, and then try again.

**ARF00189** **Input queue with same name already exists**

**Explanation** An input queue definition with the same name already exists Each input queue definition name must be unique.

**Action** Change the input queue definition name and try again.

**ARF00190** **PLOG records deleted**

**Explanation** A request to delete the selected PLOG information record and all prior PLOG information records has completed.

**Action** No action is required for this informational message.

**ARF00191** **Duplicate destinations not allowed**

**Explanation** A replay request included duplicate destination names.

**Action** Review the destinations you specified and remove the duplicates.

**ARF00192** **Duplicate subscriptions not allowed**

**Explanation** A replay request included duplicate subscription names.

**Action** Review the subscriptions you specified and remove the duplicates.

**ARF00193** **Restart RPL Usage must be less than Maximum RPL Usage**

**Explanation** The value specified for the `Restart RPL Usage` global parameter setting is greater than the `Maximum RPL Usage` global parameter setting.

**Action** Reduce the setting for the `Restart RPL Usage` global parameter or increase the value for the `Maximum RPL Usage` global parameter.

**ARF00194** **File-related info not deleted --- Used by Initial-State {is-def}**

**Explanation** A request to delete file-related information from a subscription was canceled because an initial-state definition makes reference to it. The name of the initial-state definition is given in the message.

**Action** Remove references to the subscription from the initial-state definition and try again.

**ARF00195** **IDBID/IFILE deleted**

**Explanation** An IDBID/IFILE specification in an initial-state definition was successfully deleted.

**Action** No action is required for this informational message.

**ARF00196** **Start Date/Time must be less than or equal to From Date/Time**

**Explanation** The start time specified for the replay request must be earlier or the same as the from time specified for the replay request.

**Action** Correct the times and try again.

**ARF00197** **Destination Class must be present to enter data**

**Explanation** Data was entered in the Destination Class Parameter Data field, but no value was specified for the Destination Class field. You cannot supply a value for the Destination Class Parameter Data field without first supplying a Destination Class value.

**Action** Supply a value in the Destination Class field or delete the data in the Destination Class Parameter Data field.

**ARF00198** **GFB must be generated by Predict**

**Explanation** A subscription references a destination that has a Destination Class of SAGTARG. When this condition is true, any GFB specified in the subscription must be generated by Predict. For more information on how to generate your GFBs, read *Generating a GFB using the Adabas Event Replicator Subsystem* (in *Adabas Event Replicator Subsystem User Guide*).

**Action** Supply a GFB that was generated by Predict.

**ARF00199** **Initial-State not found**

**Explanation** The initial-state definition you selected to populate a database could not be found in the Replicator system file.

**Action** Specify an existing initial-state definition, or add one and then select it.

**ARF00200** **Only type I (ISN) files can be edited**

**Explanation** Only files that require an ISN list as a filter can be edited on the **Perform Initial-State** screen. An attempt was made to edit a file that does not require an ISN list filter.

**Action** Do not type an "E" next to any files that do not have a filter type of "I" (check the **I** column on the screen).

**ARF00201** **You must enter data before submitting**

**Explanation** An attempt was made to submit the initial-state definition for processing, but it failed because one of the files requires an ISN list filter or a value buffer that has not yet been specified.

**Action** Enter an "E" next to every file on the **Perform Initial-State** screen that has a filter type of "I" or "S". Another Adabas Event Replicator Subsystem screen appears on which you can specify ISNs or a value buffer for the file.

**ARF00202** **Entered ISN data is not contiguous**

**Explanation** The ISN list on the **Specify ISNs** screen is not specified correctly. There are blanks in the ISN list. The only characters allowed are numbers, commas, and parentheses.

**Action** Remove any blanks from the ISN list.

**ARF00203** **Invalid characters in ISN data**

**Explanation** The ISN list on the **Specify ISNs** screen is not specified correctly. There are invalid characters in the ISN list. The only characters allowed are numbers, commas, and parentheses.

**Action** Correct the ISN list. Separate multiple ISNs with commas (no blanks). If you want to specify a range of ISNs, specify them in parentheses. For example, the following ISN list selects ISNs 111 and 222, all the ISNs between 333 and 666, and ISN 9999.

```
111,222,(333,666),9999
```

**ARF00204** **Unbalanced parentheses**

**Explanation** The ISN list on the **Specify ISNs** screen is not specified correctly. An uneven number of open and closed parentheses are specified.

**Action** Verify that both an open and closed parenthesis are provided if you are specifying an ISN range. The following example correctly specifies a range of ISNs falling between 333 and 555.

```
(333,555)
```

If you are not specifying an ISN range, remove parentheses from the ISN list.

**ARF00205** **Two values are required for a range**

**Explanation** The ISN list on the **Specify ISNs** screen is not specified correctly. An ISN range is indicated, but using only one number.

**Action** Verify that two numbers are provided if you are specifying an ISN range. The following example correctly specifies a range of ISNs falling between 333 and 555.

```
(333,555)
```

If you are not specifying an ISN range, remove the parentheses from the ISN list. Parentheses indicate that an ISN range is being specified.

**ARF00206** **Comma missing after range**

**Explanation** The ISN list on the **Specify ISNs** screen is not specified correctly. A comma is missing.

**Action** Correct the use of commas in the ISN list. Commas should be used to separate individual ISNs in the list and any ISN range specifications from the rest of the list. Note the use of commas in the following correct ISN list that selects ISNs 111 and 222, all the ISNs between 333 and 666, and ISN 9999.

```
111,222,(333,666),9999
```

**ARF00207** **ISN ranges must be in ascending order**

**Explanation** The ISN list on the **Specify ISNs** screen is not specified correctly. A range in the ISN list is not specified in ascending order.

When specifying a range in the ISN list, you must be sure that the lowest ISN of the range is listed first, followed by the highest ISN in the range.

**Action** Correct the ISN range specification.

**ARF00208** **Initial-state name not found**

**Explanation** The initial-state definition you selected to populate a database could not be found in the Replicator system file.

**Action** Specify an existing initial-state definition, or add one and then select it.

**ARF00209** **Wrong ISN list**

**Explanation** The ISN list on the **Specify ISNs** screen is not the correct ISN list.

**Action** Verify that the ISN list filters on the **Specify ISN** screens are specified correctly, as required for each file on the **Perform Initial-State** screen.

**ARF00210** **Selection data not allowed for type A initial-state**

**Explanation** Filter data is not allowed for the initial-state definition of filter type A records (see the **I** column on the **Perform Initial-State** screen).

**Action** Do not type an "E" next to any files that do *not* have a filter type of "I" (check the **I** column on the screen).

**ARF00211** **Initial-State request received after ADAEND or HALT**

**Explanation** An initial-state request was issued to an Event Replicator Server address space that was terminating as a result of an ADAEND or HALT command. An initial-state request may only be issued when the Event Replicator Server is active.

**Action** Reissue the initial-state request after the Event Replicator Server has been started.

**ARF00212** **Num of concurrent initial-state requests exceeded**

**Explanation** The number of active concurrent initial-state requests exceeded the IMAXREQ parameter setting. For more information about the IMAXREQ parameter, read *IMAXREQ* in *Event Replicator for Adabas Reference Guide*.

**Action** Increase the IMAXREQ setting or reduce the number of active concurrent initial-state requests.

**ARF00213** **ISN entry too long**

**Explanation** The ISN list on the **Specify ISNs** screen is not specified correctly. An ISN in the list is longer than nine characters. An ISN in the list can be a maximum of nine characters long.

**Action** Correct the ISN list. If your ISN is really larger than nine characters in length, contact your technical support representative for assistance.

**ARF00214** **Data missing after last comma**

**Explanation** The ISN list on the **Specify ISNs** screen is not specified correctly. A continuation in the list is indicated by a comma, but no additional ISN data is provided.

**Action** Either remove the comma (if there are no additional ISNs or ISN ranges to specify) or complete the ISN list. The ISN list should not end with a comma.

**ARF00215** **Values cannot be specified for METHOD=ISN**

**Explanation** In an Adabas destination definition, the Replication Method specified was ISN for a given DBID/file combination's file-related parameters. If this parameter is set to ISN, no other file-related parameters for that DBID/file combination can be specified.

**Action** Do not enter values for the other file-related parameters if the Replication Method is set to ISN. If you set the Replication Method to KEY, you may specify the other parameters.

**ARF00216** **Do not specify both "*" and destination names**

**Explanation** An automated replay request was made using an asterisk specified in the first destination space of the Destination Name List field. This includes all destinations definitions in the request. If you use an asterisk to select all destinations for the replay request, you cannot also add another specific destination or select one from a list.

**Action** To add a specific destination or select one from a list, remove the asterisk from the first destination space of the Destination Name List field.

**ARF00217** **Do not specify both "*" and subscription names**

**Explanation** An automated replay request was made using an asterisk specified in the first subscription space of the Subscription Name List field. This includes all subscription definitions in the request. If you use an asterisk to select all subscriptions for the replay request, you cannot also add another specific subscription or select one from a list.

**Action** To add a specific subscription or select one from a list, remove the asterisk from the first subscription space of the Subscription Name List field.

**ARF00218** **Value buffer length must be entered**

**Explanation** A value buffer length was not specified on the **Specify Value Buffer** screen while you were trying to perform an initial-state. If a DBID/file combination includes a search buffer, a value buffer and the length of the value buffer must be specified.

**Action** Enter a valid value for the length of the value buffer.

**ARF00219** **Duplicate source DBID/FILE combinations are not allowed**

**Explanation** The same DBID/file combination was defined for more than one target in an Adabas destination definition.

**Action** Remove the duplicate.

**ARF00220** **Only valid entries can be marked**

**Explanation** You have selected a blank line of input and target DBIDs and files on the **Adabas Destination Definition** panel.

**Action** Select a line that has input and target DBIDs and files specified or supply input and target DBIDs and files on the selected line.

**ARF00221** **Duplicate DBid and File exist -- invalid {add|change}**

**Explanation** When specifying an SFILE definition for a subscription, you tried to add a new DBID/file combination or change a DBID/file combination but specified a combination that already exists for this subscription.

**Action** Specify a unique DBID/file combination for each SFILE definition within a subscription.

**ARF00222** **Request rejected, a related file is not active**

**Explanation** After requesting that an initial-state be performed (by selecting the **Perform Initial-State** option on the **Administration** panel), the returned response and subcodes indicate that a file related to the initial-state definition you attempted to run is not active.

**Action** Examine the error and current status of the file and determine why the file is not active. If the problem persists, contact your our support representative for assistance.

**ARF00223** **Only the first {destination|subscription} may have an asterisk**

**Explanation** When selecting a destination or subscription, only the first entry may contain an asterisk.

**Action** Correct your specifications.

**ARF00224** **Asterisk is only allowed in the first cell**

**Explanation** Only the first entry may contain an asterisk.

**Action** Correct your specifications.

**ARF00225** **Predict not available for edit**

**Explanation** The global format buffer (GFB) you have selected to edit was created with Predict, but predict is not available in this Natural environment.

**Action** Either install Predict in this Natural environment or edit the GFB in a Natural environment in which Predict is already installed and then import the GFB into the original Natural environment.

**ARF00226** **Destination {destname} does not exist in a subscription**

**Explanation** The initial-state definition includes references to both destination and subscription definitions. The destination identified in the message (*destname*) does not exist in the subscriptions of the initial-state definition being defined or modified. The Event Replicator Server detects this inconsistency and produces an error condition at startup or when an RPLREFRESH is attempted for the initial-state definition. The destinations specified in an initial-state definition must also exist in one of the subscriptions referenced by the initial-state definition.

When both destination and subscription definitions are specified in an initial-state definition, the destinations must correlate to destinations specified by the subscriptions. Likewise, at least one destination specified by each subscription must be referenced by the initial-state definition. In addition, any destinations referenced in the initial-state definition must be identified as able to send initial-state data (using the **I** field on the **Destination List** panel within the subscription definition).

**Action** Make sure that all of the destinations used by your initial-state definition also exist in one of the subscription destinations referenced by your initial-state definition. Then try again.

**ARF00227** **Destination {destname} in subsc {subsname} does not send i-s data**

**Explanation** The initial-state definition includes references to both destination and subscription definitions. The destination listed in the message (*destname*) was found in the subscription listed in the message (*subsname*), but it is not marked in the subscription definition as being able to send initial-state data. The Event Replicator Server detects this inconsistency and produces an error condition at startup or when an RPLREFRESH is attempted for the initial-state definition.

When both destination and subscription definitions are specified in an initial-state definition, the destinations must correlate to destinations specified by the subscriptions. Likewise, at least one destination specified by each subscription must be referenced by the initial-state definition. In addition, any destinations referenced in the initial-state definition must be identified as able to send initial-state data (using the **I** field on the **Destination List** panel within the subscription definition).

**Action** Make sure that any destinations used by your initial-state definition and included in the associated subscription definitions are marked as able to send initial-state data. This setting is specified by setting the **I** field to "Y" on the **Destination List** panel line associated with the destination in the subscription definition. Then try again.

**ARF00228** **Subsc {subsname} has no matching dest in i-s dest list**

**Explanation** The initial-state definition includes references to both destination and subscription definitions. None of the destinations specified by the subscription listed in the message (*subsname*) are included in the initial-state definition, as is required. The Event Replicator Server detects this inconsistency and produces an error condition at startup or when an RPLREFRESH is attempted for the initial-state definition. The destinations specified by a subscription (that is included in an initial-state definition) must also be included in the initial-state definition.

When both destination and subscription definitions are specified in an initial-state definition, the destinations must correlate to destinations specified by the subscriptions. Likewise, at least one destination specified by each subscription must be referenced by the initial-state definition. In addition, any destinations referenced in the initial-state definition must be identified as able to send initial-state data (using the **I** field on the **Destination List** panel within the subscription definition).

**Action** Make sure to include in the initial-state definition any destinations specified by any subscriptions included in the initial-state. Then try again.

**ARF00229** **Subsc {subsname} has no i-s data flow for dest {destname}**

**Explanation** The initial-state definition includes references to both destination and subscription definitions. The destination listed in the message (*destname*) was found in the subscription listed in the message (*subsname*), but the destination is not marked in the subscription definition as being able to send initial-state data. The Event Replicator Server detects this inconsistency and produces an error condition at startup or when an RPLREFRESH is attempted for the initial-state definition.

When both destination and subscription definitions are specified in an initial-state definition, the destinations must correlate to destinations specified by the subscriptions. Likewise, at least one destination specified by each subscription must be referenced by the initial-state definition. In addition, any destinations referenced in the initial-state definition must be identified as able to send initial-state data (using the **I** field on the **Destination List** panel within the subscription definition).

**Action** Make sure that any destinations used by your initial-state definition and included in the associated subscription definitions are marked as able to send initial-state data. This setting is specified by setting the **I** field to "Y" on the **Destination List** panel line associated with the destination in the subscription definition. Then try again.

**ARF00230** **User exit required when Replicate for Delete = U**

**Explanation** When the **Replicate for Delete** field is set to "U" in an SFILE definition, a subscription user exit name must be supplied in the **Subscription User Exit** field. The subscription user exit can then process replicated physical delete transactions on your target database as you choose. It can decide if the physical delete transaction should be:

- physically deleted from your target database
- converted to an update
- ignored and not sent at all.

**Action** Specify a subscription user exit name or change the setting of the **Replicate for Delete** field.

**ARF00231** **Dest. found in Subsc. {subsname} w/o matching DBid {dbid} File {fn}**

**Explanation** An input DBID/file combination was added to a destination definition, but a subscription that references the destination definition does not include a comparable SFILE definition for the DBID/file combination. You will not be able to save the destination definition until the problem is resolved.

**Action** Add the SFILE definition for the new DBID/file combination first. Then update the destination definition.

**ARF00232** **{xxxxxx} begin + length > 32767**

**Explanation** When setting Source Begin and Length values or Target Begin and Length values, the sum of these values cannot exceed 32767. You will not be able to save the transaction filter until the problem is resolved.

**Action** Examine and correct the values for the appropriate Begin and Length fields. Then save or update the transaction filter definition.

**ARF00233** **Replic.for {fx}=N invalid when Replic.security file=Y**

**Explanation** When the **Replicate Security File** field is set to "Y", the **Replicate for Delete**, **Replicate for Insert**, and **Replicate for Update** fields must also be set to "Y". The **Replicate Security File** field specifies the value of the `SFSECURITYFILE` parameter.

**Action** Examine and correct the values for the appropriate field. Then save or update the definition.

**ARF00234** **Incl.Identical Records=N invalid when Replic.security file=Y**

**Explanation** When the **Replicate Security File** field is set to "Y", the **Include Identical Records** field must also be set to "Y". The **Replicate Security File** field specifies the value of the `SFSECURITYFILE` parameter.

**Action** Examine and correct the values for the appropriate field. Then save or update the definition.

**ARF00235** **Default Code={nnnn} invalid when Replic.security file=Y**

**Explanation** When the **Replicate Security File** field is set to "Y", the **Default Code** field must be null. The **Replicate Security File** field specifies the value of the `SFSECURITYFILE` parameter.

**Action** Examine and correct the values for the appropriate field. Then save or update the definition.

**ARF00236** **Subscription user exit invalid when Replic.security file=Y**

**Explanation** When the **Replicate Security File** field is set to "Y", the **Subscription User Exit** field must be null. The **Replicate Security File** field specifies the value of the `SFSECURITYFILE` parameter.

**Action** Examine and correct the values for the appropriate field. Then save or update the definition.

**ARF00237** **Transaction filter invalid when Replic.security file=Y**

**Explanation** When the **Replicate Security File** field is set to "Y", the **Transaction Filter** field must be null. The **Replicate Security File** field specifies the value of the `SFSECURITYFILE` parameter.

**Action** Examine and correct the values for the appropriate field. Then save or update the definition.

**ARF00238** **FBs or GFBs are invalid when Replic.security file=Y**

**Explanation** When the **Replicate Security File** field is set to "Y", no format buffers or global format buffers can be specified. The values of the **Before Image FB**, **After Image FB**, **Key-Related Before Image FB**, **Before Image GFB Name**, **After Image GFB Name**, and **Key-Related GFB Name** must be null. The **Replicate Security File** field specifies the value of the `SFSECURITYFILE` parameter.

**Action** Examine and correct the values for the appropriate field. Then save or update the definition.

**ARF00239** **Format buffer exceeds length of 32756, is = {nnnnn}**

**Explanation** A Predict global format buffer (a generated GFB) is exceeding the maximum length of 32756, and will be trunicated. The length of the format buffer is given in the message (*nnnnn*).

**Action** Modify the GFB to fit the maximum length.

**ARF00240** **No flow for dbid/fnr {xxxxx} {yyyyy} in {is-subscr }**

**Explanation** A verification process has found that the subscription specified by the initial-state definition (*is-subscr*) does not have a correct definition for the DBID/file number combination (*xxxxx/yyyyy*) given in the message.

**Action** Correct the initial-state, destination, or subscription definitions and try again.

**ARF00241** **Dest {destname} in Subsc. {subsname} w/o match DBid/file in Sub.**

**Explanation** A destination was added to a subscription definition, but the subscription definition does not include a comparable SFILE definition for the DBID/file combination of the destination. You will not be able to save the subscription definition until the problem is resolved.

**Action** Add the SFILE definition for the new DBID/file combination first. Then update the subscription definition.

**ARF00242** **Dest {destname} also found in Subsc. {subsname}**

**Explanation** A destination was added to a subscription definition, but another subscription also references the destination. You will not be able to save the subscription definition until the problem is resolved. An Adabas destination can be referenced by no more than one subscription.

**Action** Specify a different destination or otherwise update your subscription definitions so that the destination definition is referenced in only one of them.

**ARF00243** **File not replicated to this target**

**Explanation** A verification process for an initiated replication replay process has determined that the FCB of the file specified is not replicated to the definition defined here.

**Action** Correct the destination or subscription definitions.

**ARF00244** **Destination {destname} requires DCLASS='SAGTARG'**

**Explanation** A Destination of *destname* has the DHBINTERVAL specified and does not have DCLASS=SAGTARG, which is required.

**Action** Correct the destination definition.

**ARF00245** **Replay-Only selected Destination is closed**

**Explanation** A Destination specified in the Replay-Only replay is closed. Any Destination specified in a Replay must be in open status.

**Action** Correct the destination status, or modify the Replay request.

# 39 ARMT* - Adabas Review Interface Messages

| | |
|---|---|
| **ARMT01** | **{dbid} GETMAIN FAILURE, SIZE {requested-getmain-size}** |
| **Explanation** | A request for storage in the Adabas nucleus failed. |
| **Action** | Either determine what is using so much storage in the Adabas nucleus and correct the problem; or increase the available storage. |

| | |
|---|---|
| **ARMT02** | **{dbid} ATTACH ADARST FAILURE, STRS {nn}** |
| **Explanation** | The Adabas nucleus was unable to attach the subtask ADARST. STRS is the ADAIOR response code. |
| **Action** | Probably, the module ADARST is missing. |

| | |
|---|---|
| **ARMT03** | **{dbid} CLOG TOO BIG, CLOG NOT SENT** |
| **Explanation** | When an ADABAS nucleus runs Adabas Review in hub mode, the CLOG inclusive CLOG extension and control information may be bigger than around 32K. This CLOG record is not sent to the Adabas Review hub. This message is only issued one time. |
| **Action** | One of the buffers may be too big. For instance, you may set LOGRB=NO. |

| | |
|---|---|
| **ARMT04** | **{dbid} ATTACH OF ADARST SUCCESSFUL** |
| **Explanation** | The subtask ADARST was attached successfully. The database will send data to the Adabas Review hub. |
| **Action** | No action is required for this informational message. |

**ARMT05** **{dbid} DETACH OF ADARST SUCCESSFUL**

**Explanation** The subtask ADARST was detached successfully.

**Action** Once you have corrected the error that led to detachment of ADARST, you can reactivate the subtask using the ADARUN parameter REVIEW=*hubid*. The successful ATTACH will be acknowledged with message ARMT04. A restart of the database is in this case not necessary.

If the subtask abends a second time, it will be deactivated completely and message ARST10 will be given.

**ARMT06** **{dbid} Review suspended, buffer unavailable. REVIEW parameter is set to NO.**

**Explanation** ADARMT is experiencing a temporary buffer shortage. The ADARUN parameter REVIEW is set to NO.

**Action** To activate Review again, change the ADARUN REVIEW parameter.

**ARMT07** **{dbid} Review resumed, {nn} CLOG records skipped**

**Explanation** Buffers have become available after the shortage noted by message ARMT06. The number of CLOG records skipped during the shortage is given in the message (*nn*).

**Action** No action is required for this informational message.

**ARMT08** **{dbid} Review suspended, subtask unable to initialize**

**Explanation** The subtask ADARST did not initialize. ADARST is detached and message ARMT05 appears. All Adabas Review processing from this nucleus is suspended.

**Action** If you can correct the error that led to the initialization failure of ADARST, you can reactivate the subtask using the operator command REVIEW=*hubid*. The successful ATTACH will be acknowledged with message ARMT04. In this case, a restart of the database is not necessary.

Notify your technical support representative if you are unable to resolve the initialization failure.

**ARMT09** **{dbid} Review Trans-Port disabled after error**

**Explanation** Future records will be sent to the Hub using the command queue instead of Trans-Port. There should be additional messages in the Nucleus and Hub to identify the error.

**Action** Correct the error. Reestablish Trans-Port by restarting the Nucleus or Review Hub.

# 40 ARMX* - Adabas Review Interface Messages

**ARMX01** **{dbid} GETMAIN failure (x), size={requested-getmain-size}.**

**Explanation** ADARMX was unable to obtain the necessary GETMAIN space to operate. ADARMX terminates processing. It is probable that the specified region size is too small, or the default region size is too small.

x distinguishes the events that caused this message to apppear.

SIZE is the requested GETMAIN size that could not be obtained. The Adabas nucleus completes its initialization, but no calls are made to the Adabas Review hub using the ADARMX interface.

**Action** Increase the region size for Adabas and restart the nucleus.

**ARMX02** **{dbid} ATTACH ADARSX FAILURE, STRS {nn}**

**Explanation** The Adabas nucleus was unable to attach the subtask ADARSX. STRS is the ADAIOR response code.

**Action** The ADARSX module might not be available.

**ARMX03** **{dbid} ADARSX stopped, try to re-attach.**

**Action** No action required. This message is for information only.

**ARMX04** **{dbid} Attach of ADARSX successful.**

**Action** No action required. This message is for information only.

**ARMX05** **{dbid} Detach of ADARSX successful.**

**Action** No action required. This message is for information only.

**ARMX06** **{dbid} Review suspended, buffer unavailable.**
**REVIEW parameter is set to NO.**

**Explanation** ADARMX is experiencing a temporary buffer shortage. The ADARUN parameter REVIEW is set to NO when the subtask ADARSX is out of service.

**Action** To activate Review, change the ADARUN REVIEW parameter.

**ARMX07** **{dbid} Review resumed, {nn} CLOG records skipped.**

**Explanation** Buffers have become available after the shortage noted by message ARMX06. (nn) is the number of CLOG records skipped during the shortage.

**Action** No action required. This message is for information only.

**ARMX08** **{dbid} Review suspended, subtask unable to initialize.**
**REVIEW parameter is set to NO.**

**Explanation** The subtask ADARSX did not initialize. ADARSX is detached and the message ARMX05 appears. All Adabas Review processing from this nucleus is suspended.

**Action** After you correct the error that led to the initialization failure of ADARSX, you can reactivate the subtask using the operator command REVIEW=hubid. The successful ATTACH will be acknowledged with message ARMX04. In this case, a restart of the database is not necessary.

Otherwise, contact your technical support representative.

**ARMX97**
**{dbid} ADARSX statistics:**
**{dbid} CLOGs received:**
**{dbid} CLOGs processed:**
**{dbid} CLOG send as bulk:**
**{dbid} CLOG send single:**
**{dbid} wake up by POST:**
**{dbid} TIMER pop ups:**
**{dbid} UEX5 calls:**

**Explanation** The following statistics of subtask ADARSX are reported at session termination:

- Number of records received
- Number of records processed
- Number of calls to the REVIEW hub sending buffered records
- Number of calls to the REVIEW hub sending single records
- Number of times the subtask ADARSX was posted
- Number of times the timer has expired

- Number of calls to UEX5 due to data base response codes

**Action** No action required. This message is for information only.

**ARMX98** **{dbid} ADARMX statistics:**
**{dbid} CLOGs received:**
**{dbid} CLOGs skipped:**
**{dbid} Storage allocation:**
**{dbid} allocation failed:**
**{dbid} buffer flush:**
**{dbid} WAIT for ADARSX:**
**{dbid} POST ADARSX:**
**{dbid} ATTACH ADARSX:**
**{dbid} ATTACH ADARSX failed:**
**{dbid} re_ATTACH ADARSX:**
**{dbid} DETACH ADARSX:**
**{dbid} DETACH ADARSX failed:**

**Explanation** The following statistics of subtask ADARMX are reported at session termination:

- Number of records received
- Number of records skipped due to short on storage
- Number of attempts to allocate storage for a record
- Number of attempts where storage allocation failed
- Number of buffer flush's due to context changes (e.g. HUB id changes)
- Number of times waiting for ADARSX
- Number of times the subtask ADARSX is posted
- Number of times the subtask ADARSX is attached
- Number of times the attach of subtask ADARSX has failed
- Number of times the subtask ADARSX was reattached
- Number of times the subtask ADARSX is detached
- Number of times the detach of subtask ADARSX has failed

**Action** No action required. This message is for information only.

**ARMX99** **{dbid} REVIEW HUB bulk interface is initializing:**
**{dbid} ADARMX built V {vrs} YYYY-MM-DD HH:MM**

**Action** No action required. This message is for information only.

# 41 ARST* - Adabas Review Interface Messages

**ARST01** **{dbid} GETMAIN failure, size= {requested-getmain-size}**

**Explanation** A request for storage in the Adabas nucleus subtask ADARST failed.

**Action** Either determine what is using so much storage in the Adabas nucleus and correct the problem; or increase the available storage.

**ARST02** **{dbid} LOAD FAILED FOR MODULE {module}**

**Explanation** The specified module cannot be loaded.

**Action** Probably, the requested load module is missing.

**ARST06** **{dbid} Adabas Review subtask statistics**
**{dbid} Buffers in: {count} Buffers out: {count}**
**{dbid} UEX5 calls: {count} Timer calls: {count} posts: {count}**

**Explanation** This message displays ADARST shutdown statistics.

**Action** None required. This message is for information only.

**ARST09** **{dbid} Subtask ADARST detached**

**Explanation** The subtask ADARST was detached for one of the following reasons:

- An error occurred when accessing the Adabas Review hub
- The Adabas Review hub returned Adabas response code 148 (ADARSP148 - not active)

As long as the subtask is not attached, this database will not send data to the Adabas Review hub.

**Action** If the reason for the detachment is an unjustified Adabas response code 148 (ADARSP148), contact your technical support representative for assistance.

| | |
|---|---|
| **ARST10** | **{dbid} Unrecoverable abend in subtask ADARST** |
| **Explanation** | The subtask ADARST abended either due to an unrecoverable abend or to the second call of the ESTAE (in this case see previous ARST*xx* messages).<br><br>The subtask is deactivated and the database will not send data to the Adabas Review hub. |
| **Action** | It is not possible to reactive the subtask using the ADARUN REVIEW=*hubid* parameter. You must restart the database to reactivate Adabas Review. |

| | |
|---|---|
| **ARST11** | **{dbid} Abend S0D6 occurred**<br>**{nnnnn} Possibly the REVIEW hubid = {hhhhh} ended abnormally.** |
| **Explanation** | This error messages can only occur in an Adabas nucleus, if an Adabas Review hub is installed using the Trans-port feature. For some reason the PC number for the PC call is invalid.<br><br>The ARST07 message is issued and the ADARUN REVIEW parameter is set to NO. |
| **Action** | Determine the reason for the abend S0D6. It is likely that the Adabas Review hub has abended. If necessary, contact you our support representative for further assistance. |

# 42 ARSX* - Adabas Review Interface Messages

**ARSX02** **{dbid} LOAD FAILED FOR MODULE {module}**

**Explanation** The specified module cannot be loaded.

**Action** The requested load module might be missing.

**ARSX03** **{dbid} REVIEW HUB ID= {target-id} LOG RSP nnn SUB nnn.**

**Explanation** A response code nnn (ADARSPnnn) subcode nnn was received while sending a LOG record to the Adabas Review hub.

**Action** Refer to the Adabas Messages and Codes guide.

**ARSX04** **{dbid} REVIEW HUB ID= {target_id} is not active.**
**{dbid} REVIEW parameter set to NO.**

**Explanation** A response code 148 (ADARSP148) was received on a request call to the Adabas Review hub.

**Action** Start the appropriate Adabas Review hub.

**ARSX05** **{dbid} UEX5: Requested wait for nnnnn seconds.**
**{dbid} UEX5: Invalid REQ (xx ), IGNORE assumed.**

**Explanation** On any error condition, ADARSX calls user exit 5 if present. User exit 5 may return one of three possible service requests:

1. "W": Wait for nnnnn seconds, after which ADARSX will resend the request to the Adabas Review hub.
2. "I": Ignore the non-zero response received from the Adabas Review hub and to continue processing.
3. "R": Immediately resend the request to the Adabas Review hub.

The message displays the number of seconds delay time returned from the user exit 5.

If an unknown request is received from the user exit, the request is ignored, and processing continues.

**Action** No action required for the first message.

The INVALID REQ message indicates a problem with the user exit 5. Correct the problem and restart the Adabas nucleus, when possible.

**ARSX09** **{dbid} Subtask ADARSX detached.**

**Explanation** The subtask ADARSX was detached for one of the following reasons:

- An error occurred when accessing the Adabas Review hub
- The Adabas Review hub returned Adabas response code 148 (ADARSP148 - not active)

If the subtask is not attached, this database does not send data to the Adabas Review hub.

**Action** If the reason for the detachment is an unjustified Adabas response code 148 (ADARSP148), contact your technical support representative.

**ARSX10** **{dbid} Unrecoverable abend in subtask ADARSX.**

**Explanation** The subtask ADARSX abended either due to an unrecoverable abend or to the second call of the ESTAE (in this case see previous ARSXxx messages).

The subtask is deactivated, and the database will not send data to the Adabas Review hub.

**Action** It is not possible to reactivate the subtask using the ADARUN REVIEW=hubid parameter. You must restart the database to reactivate Adabas Review.

**ARSX13** **ARSX13 {XXXXX} Internal error.**

**Explanation** An internal error occurred. Examine the messages displayed by the operating system and correct the problem. A necessary module might not be in the library concatenations so it could not be found to be loaded.

**Action** Contact your technical support representative.

**ARSX14** **{XXXXX} REVIEW parameter set to NO.**

**Explanation** Review has been disabled due to an error. A preceding message will identify the specific error.

**Action** Correct the issue and restart the Adabas nucleus.

**ARSX97** **{dbid} Receiving Data Configuration**
**{dbid} Buffer pool length in MB:**
**{dbid} Delay time in seconds:**

**Explanation** At initialization of subtask ADARSX, the following information is reported.

- Length of buffer pool used to store the records (in MB)
- Maximum delay time for sending the records to the REVIEW hub

**Action** No action is required for this informational message.

**ARSX98** **{dbid} Sending Data Configuration**
**{dbid} Buffer length in MB:**
**{dbid} Max number CLOGs per buffer:**

**Explanation** At initialization of subtask ADARSX, the following information is reported.

- Length of buffer used to accumulate the records before sending them to the REVIEW hub
- Maximum number of records accumulated in the buffer before sending them to the REVIEW hub

**Action** No action is required for this informational message.

**ARSX99** **{dbid} REVIEW HUB send bulk subtask is initializing:**
**{dbid} ADARSX built V {vrs} YYYY-MM-DD HH:MM**

**Action** No action is required for this informational message.

# 43 ART* - Event Replicator Target Adapter Messages

**ART0102I** **An Event Replicator Target Adapter engine is started and waiting for work**

**Explanation** An Event Replicator Target Adapter has successfully started and is waiting for work.

**Action** No action is required for this informational message.

**ART0103E** **Unable to load resource bundle; message**

**Explanation** This is an internal error.

**Action** Contact your technical support representative for assistance.

**ART0104I** **Version information {version}**

**Explanation** The version of the Event Replicator Target Adapter that is running is given in the message (*version*).

**Action** No action is required for this informational message.

**ART0105I** **Engine shutdown requested**

**Explanation** A request has been made to shut down the Event Replicator Target Adapter.

**Action** No action is required for this informational message.

**ART0106I** **Main processing loop shutdown requested**

**Explanation** A request has been made to shut down the main processing loop of the Event Replicator Target Adapter.

**Action** No action is required for this informational message.

**ART0107I** **Operation message: {input-msg}**

**Explanation** An operation message (*input-msg*) is listed in the text of this message.

**Action** No action is required for this informational message.

**ART0108E** **Invalid or unprocessed message received: {msg}**

**Explanation** An invalid or unprocessed message was received. The invalid message (*msg*) is provided in the text of this message.

**Action** Review any previous messages to determine the primary cause of the problem. If the problem persists, contact your technical support representative for assistance.

**ART0109E** **Cannot connect to target**

**Explanation** An attempt to connect to a defined target failed.

**Action** Evaluate the target definition to determine the cause of the problem. If you cannot determine the cause of the problem, contact your technical support representative for assistance.

**ART0110E** **Operation status: {status}**

**Explanation** The status of the failed operation (*status*) is provided in the text of this message. This message accompanies other error messages. Possible statuses are "Failed" and "FailedRetry".

**Action** Review the other messages that accompany this one to determine the cause of the problem. If you cannot determine the cause of the problem, contact your technical support representative for assistance.

**ART0111E** **Incorrect message: {msg}**

**Explanation** The message in error (*msg*) is provided in the text of this message, which accompanies other error messages.

**Action** Review the other messages that accompany this one to determine the cause of the problem. If you cannot determine the cause of the problem, contact your technical support representative for assistance.

**ART0112I** **Database retry count is 0**

**Explanation** The database retry count setting has reached the value of zero (0). No further database retries are attempted and the source is closed.

**Action** Restart the database and reopen the source.

**ART0113I** **Waiting {secs} seconds before database retry {number} of {total}**

**Explanation** The Event Replicator Target Adapter is waiting the number of seconds listed in the message (*secs*) before attempting to reconnect to the source database. The retry attempt number (*number*) and the total number of retry attempts defined for the source (*total*) are also given in the message.

**Action** No action is required for this informational message.

**ART0114I** **Attempting database retry {number} of {total}**

**Explanation** The Event Replicator Target Adapter is attempting to reconnect to a source database. The retry attempt number (*number*) and the total number of retry attempts defined for the source (*total*) are given in the message.

**Action** No action is required for this informational message.

**ART0115E** **XSLT or XML document is null**

**Explanation** The style sheet (XSLT) or XML document to be used in Event Replicator Target Adapter processing is null or cannot be found. This is an internal error.

**Action** Contact your technical support representative for assistance.

**ART0116I** **Committing invalid or unprocessed message**

**Explanation** The invalid message was committed because the **Commit Unprocessed Message** option was set to true. Processing continues.

**Action** No action is required for this informational message.

**ART0117I** **IVP message received and processed**

**Explanation** The installation verification procedure (IVP) message was received and processed successfully.

**Action** No action is required for this informational message.

**ART0118I** **Received {count} request**

**Explanation** The number of requests received is listed in the message (*count*).

**Action** No action is required for this informational message.

**ART0119E** **Received unknown message {msg}**

**Explanation** An unknown message was received.

**Action** Contact your technical support representative for assistance.

**ART0120E** **Cannot convert input message from {source} code page {num1} to {num2}**

**Explanation** The input message listed in the message text could not be converted from one code page (*num1*) to another (*num2*).

**Action** Contact your technical support representative for assistance.

**ART0121E** **Current messages**

**Explanation** This message accompanies message ARTO108E.

**Action** Review all the messages to determine the cause of the problem. If the problem persists, contact your technical support representative for assistance.

**ART0122I** **Problems writing file; directory must exist: {dirname}**

**Explanation** A file could not be written because the directory listed in the message did not exist.

**Action** Create the directory and restart the Event Replicator Target Adapter.

**ART0123E** **Unprocessed data {count} bytes in buffer {buf}**

**Explanation** An internal error has occurred.

**Action** Contact your technical support representative for assistance.

**ART0124I** **Successful database reconnect for {target} target**

**Explanation** An attempt to reconnect to the database target was successful.

**Action** No action required for this informational message

**ART0125I** **Software GmbH License check {license}**

**Explanation** A Software GmbH License check occurred for the license shown in the message.

**Action** No action required for this informational message

**ART0126I** **Set Input String code page to {code}**

**Explanation** For the encoding of alphanumeric data the code page is used.

**Action** No action required for this informational message

**ART0127W** **Unknown code page {code} set code page to cp037 (EBCDIC)**

**Explanation** A Software GmbH License check occurred for the license shown in the message.

**Action** Check the Software GmbH license file

**ART0128E** **Software GmbH License check for "{product}" was not successful: {message}**

**Explanation** A Software GmbH License check for the product was not successful.

**Action** Check the Software GmbH license file

**ART0129W** **The License for "{product}" will expire in {days} day(s).**

**Explanation** A Software GmbH license will expire shortly.

**Action** No action required for this warning message

**ART0302I** **Processed {message} message: {data}**

**Explanation** A Replicator message like INIT, DROP, … was processed.

**Action** No action is required for this informational message.

**ART0303I** **Initial-state process started for: {isname}**

**Explanation** The Event Replicator Target Adapter has started processing an initial-state request. The name of the initial-state definition (*isname*) is listed in the message.

**Action** No action is required for this informational message.

**ART0304I** **Initial-state process completed for: {isname}**

**Explanation** The Event Replicator Target Adapter has completed processing an initial-state request. The name of the initial-state definition (*isname*) is listed in the message.

**Action** No action is required for this informational message.

**ART0305I** **Initial-state erroneous request rejected**

**Explanation** An invalid initial-state request was rejected. It was not processed.

**Action** No action is required for this informational message. However, you might want to review the invalid initial-state request to determine why it was not processed.

**ART0307I** **Normal Event Replicator Server session started message received from: {reptor-id}**

**Explanation** A normal Event Replicator Server session has started and a message has been received from it. The Event Replicator Server ID is listed in the message (*reptor-id*).

**Action** No action is required for this informational message.

**ART0308I** **Event Replicator Server restart after abnormal end**

**Explanation** The Event Replicator Server has restarted after it ended abnormally.

**Action** No action is required for this informational message although you might want to review the error messages provided by the Event Replicator Server to determine why it ended abnormally.

**ART0309I** **Normal Event Replicator Server session termination message received from: {reptor-id}**

**Explanation** A normal Event Replicator Server session has terminated. The Event Replicator Server ID is listed in the message (*reptor-id*).

**Action** No action is required for this informational message.

**ART0310I** **Replication deactivated**

**Explanation** Replication has been deactivated (stopped).

**Action** No action is required for this informational message.

**ART0311I** **Replication reactivated**

**Explanation** Replication has been reactivated (started).

**Action** No action is required for this informational message.

**ART0312I** **Response to prior transaction request**

**Explanation** The Target Adapter received the "Response to prior-transaction request" (TRST) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0313I** **Possibly lost replication data**

**Explanation** In the case of the possible loss of replication data, the Event Replicator Server issues a status message to the target application indicating this condition for every subscription-destination related to any affected file.

**Action** Check whether the related source and target files are in sync with each other.

**ART0314I** **Replay process (ADARPL) started**

**Explanation** The ADARPL utility has started to resend replicated data from the database protection log (PLOG) to the target RDBMS. For more information, read about the ADARPL utility in your Event Replicator for Adabas documentation.

**Action** No action is required for this informational message.

**ART0315I** **Replay process (ADARPL) ended**

**Explanation** The ADARPL utility has completed resending replicated data from the database protection log (PLOG) to the target RDBMS. For more information, read about the ADARPL utility in your Event Replicator for Adabas documentation.

**Action** No action is required for this informational message.

**ART0316I** **Event Replicator Server replication definitions refreshed**

**Explanation** The Event Replicator Server replication definitions have been refreshed via an RPLREFRESH command.

**Action** No action is required for this informational message.

**ART0317I** **ADALOD UPDATE started**

**Explanation** A run of the ADALOD UPDATE utility function has started.

**Action** No action is required for this informational message.

**ART0318I** **ADALOD UPDATE ended**

**Explanation** A run of the ADALOD UPDATE utility function has ended.

**Action** No action is required for this informational message.

**ART0319I** **ADALOD LOAD ended. Source: {src} Target: {target}**

**Explanation** A run of the ADALOD LOAD utility function has ended.

**Action** No action is required for this informational message.

**ART0320E** **Unknown status message {message}**

**Explanation** An unknown status message was encountered during Event Replicator Target Adapter processing. The status message is given in the message text.

**Action** Contact your technical support representative for assistance.

**ART0321E** **Unknown URBS operation {operation}**

**Explanation** An unknown URBS operation was attempted. The type of operation attempted is listed in the message text.

**Action** Contact your technical support representative for assistance.

**ART0322E** **Invalid DBID {dbid} or file number {fn}**

**Explanation** An invalid database ID or file number was encountered during processing.

**Action** Check your GFB/GFFT definition. Contact your technical support representative for assistance.

**ART0323I** **Receiving LODS message: Source: {src} Target: {target}**

**Explanation** An ADALOD message is being received. The data source and target are listed in the message.

**Action** No action is required for this informational message.

**ART0324E** **Receiving unknown message**

**Explanation** An unknown message was received during processing.

**Action** Contact your technical support representative for assistance.

**ART0325I** **Receiving AUT1 message (Adabas utility execution)**

**Explanation** An AUT1 message produced by the execution of an Adabas utility is being received.

**Action** No action is required for this informational message.

**ART0326I** **Replication user data from C5 command**

**Explanation** The Target Adapter received the “Replication user data from C5 command” (C5DA) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0327I** **ADASAV RESTORE started**

**Explanation** The Target Adapter received the “ADASAV RESTORE started” (SAVS) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0328I** **ADASAV RESTORE ended**

**Explanation** The Target Adapter received the “ADASAV RESTORE ended” (SAVE) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0329I** **ADARES REGENERATE/BACKOUT started**

**Explanation** The Target Adapter received the “ADARES REGENERATE/BACKOUT started” (RESS) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0330I** **ADARES REGENERATE/BACKOUT ended**

**Explanation** The Target Adapter received the “ADARES REGENERATE/BACKOUT ended” (RESE) message from the Replication Server.

**Action** Action No action is required for this informational message.

**ART0331I** **Destination closed**

**Explanation** The Target Adapter received the “Destination closed” (CLOS) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0332I** **Destination opened**

**Explanation** The Target Adapter received the “Destination opened” (OPEN) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0333I** **Adabas security replication**

**Explanation** The Target Adapter received the “Adabas security replication” (ASEC) message from the Replication Server.

**Action** Action No action is required for this informational message.

**ART0334I** **ART0334I SLOG turned on for destination**

**Explanation** The Target Adapter received the “SLOG turned on for destination” (SLON) message from the Replication Server.

**Action** Action No action is required for this informational message.

**ART0335I** **SLOG turned off for destination{xxx}**

**Explanation** The Target Adapter received the "SLOG turned off for destination" (SLOF) message from the Replication Server.

**Action** Action No action is required for this informational message.

**ART0336I** **SLOG for DB-related input turned on**

**Explanation** The Target Adapter received the "SLOG for DB-related input turned on" (SLDO) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0337I** **SLOG for DB-related input turned off**

**Explanation** The Target Adapter received the "SLOG for DB-related input turned off" (SLDF) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0338I** **SLOG for DB-related input suspended**

**Explanation** The Target Adapter received the "SLOG for DB-related input suspended" (SLDS) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0339I** **SLOG for DB-related input resumed**

**Explanation** The Target Adapter received the "SLOG for DB-related input resumed" (SLDR) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0340I** **SLOG for DB-related input disabled**

**Explanation** The Target Adapter received the "SLOG for DB-related input disabled" (SLDD) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0341I** **Destination full**

**Explanation** The Target Adapter received the "Destination full" (DFUL) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0342I** **Destination error**

**Explanation** The Target Adapter received the “Destination error” (DERR) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0343I** **Database connected**

**Explanation** The Target Adapter received the “Database connected” (DBCO) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0344I** **Database disconnected**

**Explanation** The Target Adapter received the “Database disconnected” (DBDI) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0345I** **Database not present**

**Explanation** Explanation The Target Adapter received the “Database not present” (DBNP) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0346I** **Decompression error AI, BI, FAI, FBI, or KEY**

**Explanation** The Target Adapter received the “Decompression error AI, BI, FAI, FBI, or KEY” (DCMP) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0347I** **Refresh Globals**

**Explanation** The Target Adapter received the “Refresh Globals” (REFG) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0348I** **Input Queue opened**

**Explanation** The Target Adapter received the “Input Queue opened” (IQOP) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0349I** **Input Queue closed**

**Explanation** The Target Adapter received the "Input Queue closed" (IQCL) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0350I** **Replication Statistics**

**Explanation** The Target Adapter received the "Replication Statistics" (RSTA) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0351I** **SLOG check executed, no thresholds reached**

**Explanation** The Target Adapter received the "SLOG check executed, no thresholds reached" (SLTN) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0352I** **SLOG threshold exceeded information**

**Explanation** The Target Adapter received the "SLOG threshold exceeded information" (SLTI) message from the Replication Server.

**Action** No action is required for this informational message.

**ART0401I** **Testing database connections**

**Explanation** The Event Replicator Target Adapter is testing its database connections.

**Action** No action is required for this informational message.

**ART0402I** **Database information at startup:**

**Explanation** This message is the introductory message for a series of other informational messages about the databases to which the Event Replicator Target Adapter has connections.

**Action** No action is required for this informational message.

**ART0403I** **Connector protocol: {protocol-type} port: {port}**

**Explanation** This message lists the protocol type and port number used by the Event Replicator Target Adapter Tomcat engine.

**Action** No action is required for this informational message.

**ART0404I** **Using connector port: {conn-port} port: {port}**

**Explanation** This message lists the default HTTP port number that will be used.

**Action** No action is required for this informational message.

**ART0405I** **Adabas Replicator servlet shutdown started**

**Explanation** The Event Replicator Server is shutting down.

**Action** No action is required for this informational message.

**ART0406I** **Adabas Replicator servlet shutdown complete**

**Explanation** The Event Replicator Server shutdown is complete.

**Action** No action is required for this informational message.

**ART0407I** **Testing connection to database resource {id}**

**Explanation** A test is being performed that connects to the database resource listed in the message (*id*).

**Action** No action is required for this informational message.

**ART0408I** **Database testing complete**

**Explanation** Tests on the database have completed.

**Action** No action is required for this informational message.

**ART0409I** **JMS information at startup:**

**Explanation** This message is the introductory message for a series of other informational messages about the JMS to which the Event Replicator Target Adapter has connections.

**Action** No action is required for this informational message.

**ART0410I** **JMS testing complete**

**Explanation** Tests on the JMS have completed.

**Action** No action is required for this informational message.

**ART0411I** **Generic Target information at startup:**

**Explanation** This message is the introductory message for a series of other informational messages about feneric targets to which the Event Replicator Target Adapter has connections (for example, a Terracotta cache target).

**Action** No action is required for this informational message.

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| **ART0412I** | **Generic Target testing complete** |
| **Explanation** | Tests on the generic targets have completed. |
| **Action** | No action is required for this informational message. |

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| **ART0413I** | **Adabas Target information at startup:** |
| **Explanation** | This message is the introductory message for a series of other informational messages about Adabas targets to which the Event Replicator Target Adapter has connections. |
| **Action** | No action is required for this informational message. |

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| **ART0414I** | **Adabas Target testing complete** |
| **Explanation** | Tests on the Adabas targets have completed. |
| **Action** | No action is required for this informational message. |

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| **ART0415E** | **No valid license found. Terminating.** |
| **Explanation** | The license file is missing or invalid. |
| **Action** | Provide a valid license. |

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| **ART0501I** | **EntireX Broker information {info}** |
| **Explanation** | This message displays information about a IBM EntireX source used to convey replicated Adabas data to the Event Replicator Target Adapter. |
| **Action** | No action is required for this informational message. |

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| **ART0502I** | **EntireX Broker source shutdown requested** |
| **Explanation** | A request is being processed to close a IBM EntireX source used to convey replicated Adabas data to the Event Replicator Target Adapter. |
| **Action** | No action is required for this informational message. |

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| **ART0503I** | **EntireX Broker source shutdown requested; processing: {state} userstop: {xxxx}** |
| **Explanation** | A IBM EntireX source used to convey replicated Adabas data to the Event Replicator Target Adapter is being closed. The current state of the source is displayed in the message. |
| **Action** | No action is required for this informational message. |

**ART0504I** **EntireX Broker source close complete**

**Explanation** A IBM EntireX source used to convey replicated Adabas data to the Event Replicator Target Adapter has been closed.

**Action** No action is required for this informational message.

**ART0505I** **EntireX Broker UOW rolled back ID: {id}**

**Explanation** The IBM EntireX unit of work ID was rolled back. This is an internal process.

**Action** No action is required for this informational message.

**ART0506I** **EntireX Broker prefetch size reached: {size}**

**Explanation** The defined prefetch size for the IBM EntireX source has been reached. The defined prefetch size is given in the message (*size*).

**Action** No action is required for this informational message. However, you might consider increasing the defined prefetch size. Note that increasing the prefetch size will increase the memory requirements.

**ART0507E** **EntireX Broker send error class: {class} code: {code} message: {msg}**

**Explanation** An error has occurred during an attempt to send data to a IBM EntireX source. The error class (*class*), message code (*code*) and message text (*msg*) are given in the message.

**Action** Refer to your IBM EntireX documentation for additional information.

**ART0508E** **EntireX Broker error class: {class} code: {code} message: {msg}**

**Explanation** An error has occurred during an attempt to use a IBM EntireX source. The error class (*class*), message code (*code*) and message text (*msg*) are given in the message.

**Action** Refer to your IBM EntireX documentation for additional information.

**ART0509E** **EntireX Broker exception: {info}**

**Explanation** An exception occurred during an attempt to use a IBM EntireX source. The exception information (*info*) is given in the message.

**Action** Contact your technical support representative for assistance.

**ART0510E** **EntireX Broker receive error class: {class} code: {code} message: {msg}**

**Explanation** An error has occurred during an attempt to receive data from an IBM EntireX source. The error class (*class*), message code (*code*) and message text (*msg*) are given in the message.

**Action** Refer to your IBM EntireX documentation for additional information.

**ART0511E** **EntireX Broker logon error ID: {class} service: {service} message: {msgtxt}**

**Explanation** An error has occurred during an attempt to log into an IBM EntireX source. The error class (*class*), service name (*service*), and message code (*msgtxt*) are given in the message.

**Action** Verify that the correct logon information (user ID, token, and password) is provided in the IBM EntireX source definition. Correct it as necessary and try again.

**ART0512E** **EntireX Broker error on: {id} cause: {exx-cause}**

**Explanation** An error occurred during an attempt to use the IBM EntireX source whose ID is listed in the message (*id*). The cause of the error is also listed in the message (*exx-cause*).

**Action** Contact your technical support representative for assistance.

**ART0513E** **EntireX Broker commit error message: {err-msg}**

**Explanation** An error occurred during an attempt to use a IBM EntireX source definition. The IBM EntireX error message (*err-msg*) is listed in the message.

**Action** Contact your technical support representative for assistance.

**ART0514E** **EntireX Broker cannot open Broker trace log file: {fn}**

**Explanation** An error occurred during an attempt to open the IBM EntireX trace log file. The file name of the log file is given in the message (*fn*).

**Action** Verify that the correct file name is specified for the IBM EntireX trace log file in the IBM EntireX definitions. If it is not, correct the name and try again. If the problem persists, contact your our support representative for assistance.

**ART0515I** **EntireX Broker trace level: {lvl} trace file: {fn}**

**Explanation** This message identifies the trace level (*lvl*) and file name (*fn*) used by the Event Replicator Target Adapter for IBM EntireX sources.

**Action** No action is required for this informational message.

**ART0516I** **EntireX Broker receive complete: time: {count} Ms length: {length} UowStatus: {status}**

**Explanation** A IBM EntireX source received data from replication. The length of time (in microseconds) for the receive operation (*count*), the length of the data received (*length*), and the unit of work status of the receive operation (*status*) are given in the message. Values for the unit of work status are "First", "Middle" or "Last".

**Action** No action is required for this informational message.

**ART0517E** **EntireX Broker commit error class: {class} code: {code} uowid: {uowid} message: {msg}**

**Explanation** An error occurred during a commit attempt for the IBM EntireX source. The error class (*class*), EntireX message code (*code*), EntireX UOWID (*uowid*) and EntireX message text (*msg*) are listed in the message.

**Action** Contact your technical support representative for assistance.

**ART0518E** **EntireX Broker rollback error class: {class} code: {code} message: {msg}**

**Explanation** An error occurred during a rollback attempt for the IBM EntireX source. The error class (*class*), EntireX message code (*code*) and EntireX message text (*msg*) are listed in the message.

**Action** Contact your technical support representative for assistance.

**ART0519E** **EntireX Broker deregister error host: {host-id} service: {service} message: {msg}**

**Explanation** An error occurred during an attempt to deregister a IBM EntireX source. The EntireX ID (*host-id*), service (*service*) and message text (*msg*) are listed in the message.

**Action** Contact your technical support representative for assistance.

**ART0520E** **EntireX Broker user ID required**

**Explanation** A valid IBM EntireX user ID is required but was not supplied.

**Action** Supply a valid IBM EntireX user ID and try again.

**ART0521E** **EntireX Broker token required**

**Explanation** A valid IBM EntireX token is required but was not supplied.

**Action** Supply a valid IBM EntireX token and try again.

**ART0601I** **Save file {fn} with data: {dddd}**

**Explanation** An attempt to save the file listed in the message (*fn*) with the data listed in the message (*dddd*) was successful.

**Action** No action is required for this informational message.

**ART0602E** **Read resource failed for: {resource-id} status code: {code}**

**Explanation** An attempt to read from the resource listed in the message (*resource-id*) failed. The status code of the attempt is given in the message (*code*).

**Action** Contact your technical support representative for assistance.

**ART0603I** **Retrying resource read for: {resource-id}**

**Explanation** An attempt is being made to read from the resource listed in the message (*resource-id*).

**Action** No action is required for this informational message.

**ART0604E** **WebDAV error: {err-code}**

**Explanation** A WebDAV error occurred during Event Replicator Target Adapter processing.

**Action** Verify that the web service target URL is correct and try again. If the problem persists, contact your technical support representative.

**ART0605E** **WebDAV repository is not accessible {err-code}**

**Explanation** The WebDAV repository cannot be accessed.

**Action** Verify that the web service target URL is correct and try again. If the problem persists, contact your technical support representative.

**ART0606E** **Invalid WebDAV cache size value {size}**

**Explanation** An invalid WebDAV cache size has been specified. The value was not numeric.

**Action** Supply a valid numeric cache size and try again.

**ART0607E** **Cannot find generic XSLT file {filename}**

**Explanation** The XSLT file listed in the message (*filename*) could not be found.

**Action** If the problem persists, contact your technical support representative.

**ART0608E** **Cannot find XSLT file {filename}**

**Explanation** The XSLT file listed in the message (*filename*) could not be found.

**Action** If the problem persists, contact your technical support representative.

**ART0609E** **Create table XML message is null or base table name is null**

**Explanation** An internal error has occurred.

**Action** If the problem persists, contact your technical support representative.

**ART0610E** **Cannot convert create table schema to string**

**Explanation** An internal error has occurred.

**Action** If the problem persists, contact your technical support representative.

**ART0611E** **Cannot save create table schema {name} into WebDAV**

**Explanation** An attempt to save the schema named in the message (name) to the WebDAV repository failed.

**Action** If the problem persists, contact your technical support representative.

**ART0612E** **Problem with managing WebDAV file {filename}**

**Explanation** The WebDAV file named in the message (*filename*) could not be managed.

**Action** If the problem persists, contact your technical support representative.

**ART0613I** **Collection may not exist {colname}**

**Explanation** The collection named in the message (*colname*) may not exist in the WebDAV repository. The collection is created.

**Action** No action is required for this informational message.

**ART0614I** **Retrying resource write for {res}**

**Explanation** An attempt is in progress to retry the resource write for the resource named in the message (*res*).

**Action** No action is required for this informational message.

**ART0615E** **Write resource file {fn} failed {err-code}**

**Explanation** An attempt to write the resource file named in the message (*fn*) failed.

**Action** If the problem persists, contact your technical support representative.

**ART0616E** **WebDAV status code {code} status message {msg}**

**Explanation** A WebDAV internal error has occurred.

**Action** If the problem persists, contact your technical support representative.

**ART0617E** **Make collection {colname} failed status {stat}**

**Explanation** An attempt to make the collection named in the message (*colname*) failed. The status of the attempt is also given in the message (*stat*).

**Action** If the problem persists, contact your technical support representative.

**ART0701I** **Source shutdown complete**

**Explanation** An attempt to shut down a source completed successfully.

**Action** No action is required for this informational message.

**ART0702I** **Source waiting for restart after user stop or rollback**

**Explanation** The source is waiting to be restarted after it was manually stopped or after a rollback occurred.

**Action** No action is required for this informational message. Restart the source when you are ready.

**ART0703I** **Retries = 0; source waiting for manual restart**

**Explanation** The value of the `Retry Count` parameter in the source definition has been reached. The source is waiting for a manual restart.

**Action** No action is required for this informational message. Manually restart the source when you are ready.

**ART0704I** **Wait for retry; count: {count}**

**Explanation** The source is waiting between retry attempts. The retry attempt count is given in the message (*count*).

**Action** No action is required for this informational message.

**ART0705E** **No commit/rollback listener**

**Explanation** An internal error has occurred.

**Action** Contact your technical support representative for assistance.

**ART0706E** **Source message is null on commit**

**Explanation** An internal error has occurred.

**Action** Contact your technical support representative for assistance.

**ART0707E** **Unsupported source type {type}**

**Explanation** An internal error has occurred.

**Action** Contact your technical support representative for assistance.

**ART0708E** **Cannot open source capture file {fn}**

**Explanation** The file cannot be opened. Verify that the directory name exists.

**Action** If the problem persists, contact your technical support representative.

**ART0709E** **Source not started, because the target could not be initialized. Source: {source}, Target: {target}.**

**Explanation** Source not started, because the target cannot be initialized. The reason might be that the license for the target is not valid or an error occurred during the initialization.

**Action** Check sqlrep.log for details. If the problem persists, contact your technical support representative.

**ART0801I** **Runtime metrics**

**Explanation** This message is the heading message for a series of runtime metric messages.

**Action** No action is required for this informational message.

**ART0802I** **Resource key: {rkey}**

**Explanation** A resource key is listed in the message (*rkey*). Statistics about the resource are provided after the key.

**Action** No action is required for this informational message.

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| **ART0803I** | **Metrics key: {mkey}** |
| **Explanation** | A metrics key is listed in the message (*mkey*). Metrics about the transaction identified by the metrics key are provided after the key. |
| **Action** | No action is required for this informational message. |

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| **ART0901E** | **Process request failed** |
| **Explanation** | An Event Replicator Target Adapter process request failed. The source is shut down. |
| **Action** | Review any accompanying error messages to determine the cause of the problem. If the problem persists, contact your technical support representative. |

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| **ART0902I** | **Database active result: {result}** |
| **Explanation** | The result of a test to see whether the database is active or not is listed in the message (*result*). |
| **Action** | No action is required for this informational message. |

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| **ART0903I** | **Retrying Database Transaction** |
| **Explanation** | An attempt is in progress to retry the database transaction. |
| **Action** | No action is required for this informational message. |

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| **ART1001E** | **Exception cause: {cause}** |
| **Explanation** | An Event Replicator Target Adapter process request failed. The cause of the failure is given in the message (*cause*). |
| **Action** | Contact your technical support representative for assistance. |

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| **ART1002E** | **Exception stack: {stack}** |
| **Explanation** | An Event Replicator Target Adapter process request failed. The exception stack for the failure is given in the message (*stack*). |
| **Action** | Contact your technical support representative for assistance. |

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| **ART1003I** | **XML document: {document}** |
| **Explanation** | Display the document that could not be transformed. |
| **Action** | No action is required for this informational message. |

**ART1004I** **XSLT document: {document}**

**Explanation** Display the document that could not be transformed.

**Action** No action is required for this informational message.

**ART1005W** **Unable to transform document**

**Explanation** The Event Replicator Target Adapter was unable to transform a document.

**Action** No action is required for this warning message. Determine the reason for which the Event Replicator Target Adapter cannot transform the document and alter the conditions as necessary. Then try again.

**ART1006I** **XML newLine Encoding: {encoding}**

**Explanation** New line encoding for document transformation.

**Action** No action is required for this informational message.

**ART1007W** **An insert or update was received which occurred within an Initial State boundary**

**Explanation** An insert or update transaction message was received that falls within the boundaries of an ADARIS Initial State.

**Action** This is a warning message informing of the situation described above. Followed by ART1008W or ART1009W if any action was taken with the message.

**ART1008W** **Insert changed to Delete Before Insert for file name: {file name} and time stamp: {time stamp}; Insert is within an Initial State boundary**

**Explanation** Warning that a record insert was changed to delete the record (if it exists) and insert the record in the current transaction. This can occur if an insert was processed during the user-defined ADARIS Initial State time boundaries for this file. The Initial State may have already picked up the new record. Avoids a Unique Key constraint error on the target.

**Action** Check that the record is in sync with the Adabas source record.

**ART1009W** **ContinueOnSQLError dynamically turned on for file: {file name} and time stamp: {time stamp}; Update is within an Initial State boundary**

**Explanation** An update transaction was received that occurred during the user-defined ADARIS Initial State time boundaries for this file. The option Error Continue (`ContinueOnSQLError`) was dynamically turned on to avoid an SQL error on a record for which the update was already processed before the Initial State picked up the file.

**Action** Check that the record is in sync with the Adabas source record.

**ART1101I** **File source configured for input directory: {dirname}**

**Explanation** A file source definition has been configured for the input directory listed in the message (*dirname*).

**Action** No action is required for this informational message.

**ART1102I** **File source ready to receive data from: {dirname}**

**Explanation** A file source definition is ready to receive data from the directory listed in the message (*dirname*).

**Action** No action is required for this informational message.

**ART1103E** **File source unable to get list of files**

**Explanation** A file source could not get a list of the files from the source.

**Action** Determine why a list of files could not be obtained. Resolve the error and try again. If the problem persists, contact your our support representative for assistance.

**ART1104I** **File source closing**

**Explanation** A file source is closing.

**Action** No action is required for this informational message.

**ART1105I** **File source returning file: FILE: {dirname}-->{fn}**

**Explanation** The file source definition is returning the file source as part of the file source shutdown execution. The directory (*dirname*) and filename *fn*) are given in the message.

**Action** No action is required for this informational message.

**ART1106I** **File source shutdown requested**

**Explanation** Shutdown of a file source was requested.

**Action** No action is required for this informational message.

**ART1107I** **File source rollback called**

**Explanation** Rollback of the updates from a file source was called.

**Action** No action is required for this informational message.

**ART1108E** **File source file does not exist {fn}**

**Explanation** The file source file named in the message (*fn*) does not exist. This is an internal message.

**Action** Contact your technical support representative for assistance.

**ART1109I** **File source processing time for: {dirname}-->{fn} is {num} MilliSeconds**

**Explanation** The processing time is given in the message for the file identified in the message.

**Action** No action is required for this informational message.

**ART1201I** **Rollback following SQL commands**

**Explanation** A rollback occurred based on SQL commands.

**Action** No action is required for this informational message.

**ART1202I** **Commands: {cmds}**

**Explanation** Display the current commands.

**Action** No action is required for this informational message.

**ART1203W** **File name not provided for operation: {op} FNR: {fnum} ISN: {isnnum}**

**Explanation** A file name was not provided for the operation listed in the message (*op*). The file (*fnum*) and ISN (*isnnum*) numbers are also listed in the message.

**Action** No action is required for this informational message.

**ART1204E** **Test connection failed: {conn-name}**

**Explanation** A test connection to the connection listed in the message (*conn-name*) failed.

**Action** Restart the database if it is down.

**ART1205E** **Cannot get a connection from the data source**

**Explanation** An attempt to connect to a data source failed.

**Action** Review the data source definition and try again. If the problem persists, contact your technical support representative for assistance.

**ART1206E** **Cannot get metadata**

**Explanation** An attempt to connect to a data source failed.

**Action** Review the data source definition and try again. If the problem persists, contact your technical support representative for assistance.

**ART1207E** **Exception obtaining table metadata: {tablename}**

**Explanation** An exception occurred while the Event Replicator Target Adapter was attempting to obtain metadata from a table. The name of the table is given in the message (*tblname*).

**Action** Contact your technical support representative for assistance.

**ART1208I** **Process is continuing after the previous error**

**Explanation** Event Replicator Target Adapter processing is continuing in spite of a previously reported error condition.

**Action** No action is required for this informational message.

**ART1209I** **Unable to locate table: {tablename}**

**Explanation** The Event Replicator Target Adapter could not locate the table listed in the message (*tablename*).

**Action** No action is required for this informational message. If you really do need the Event Replicator Target Adapter to locate this table, determine why it cannot be located and try again. If the problem persists, contact your technical support representative.

**ART1210I** **Create index command built: {cmd}**

**Explanation** An internal command to create the index to a table was successfully built.

**Action** No action is required for this informational message.

**ART1211E** **Cannot get connection to data source {name}**

**Explanation** An attempt to connect to the data source named in the message (*name*) failed.

**Action** Verify that the database definitions are correct and that the database is active.

**ART1212E** **Cannot retrieve database metadata**

**Explanation** An attempt to retrieve metadata for the database failed.

**Action** Contact your technical support representative for assistance.

**ART1213E** **Internal error of Sybase ASE**

**Explanation** An internal error occurred in Sybase ASE

**Action** Contact your technical support representative for assistance.

**ART1214W** **Unknown data type {type} for column {colname} in metadata**

**Explanation** An attempt was made to specify the unknown data type listed in the message (*type*) in the column listed in the message (*colname*).

**Action** Contact your technical support representative for assistance.

**ART1215E** **pkTableName {pkname} does not match with table name {tblname}**

**Explanation** A mismatch has occurred between the table and the primary key. The table name (*tblname*) and the primary key (*pkname*) are given in the message.

**Action** Contact your technical support representative for assistance.

**ART1216E** **Cannot find previous column information**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1217F** **Initial context is null**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1218F** **Context lookup is null**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1219E** **Unsupported driver class name for JDBC/database {dbname}**

**Explanation** An unsupported driver class name was specified for the JDBC database listed in the message (*dbname*).

**Action** Contact your technical support representative for assistance.

**ART1220E** **Error obtaining connection {err-code}**

**Explanation** A connection to the database could not be made.

**Action** Verify that the database definitions are correct and that the database is active.

**ART1221E** **Table {tblname} has duplicate column name {colname}**

**Explanation** The table named in the message (*tblname*) has two columns with the same name (*colname*).

**Action** Change one of the column names and try again.

**ART1222E** **Cannot create statement**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1223E** **Cannot connect to database {dbname}**

**Explanation** An attempt to connect to the database named in the message (*dbname*) failed.

**Action** Verify that the database definitions are correct and that the database is active.

**ART1224E** **Cannot execute batch**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1225E** **Cannot turn off database autocommit**

**Explanation** An attempt to turn off the autocommit feature of the database failed.

**Action** Contact your technical support representative for assistance.

**ART1226E** **Cannot create executing SQL statement**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1227E** **Process continuing because dbErrorContinue is TRUE**

**Explanation** The target database **Error Continue** option was set to "true" (selected or turned on), so the SQL error is ignored and processing continues.

**Action** No action is required for this message.

**ART1228E** **Executing....{<processing information>}**

**Explanation** An SQL command either failed or executed successfully. The SQL command and details about its processing are given in the message (*<processing information>*).

If an error occurred, and you have not selected the **Error Continue** option for the target database, the Event Replicator Target Adapter will stop running. For more information, read *Specifying Target Database Processing Option Definitions* in the *Event Replicator Target Adapter Administration Guide*.

**Action** If the command failed, resolve the error described in the message. If necessary, contact your technical support representative for assistance.

**ART1229E** **Unable to load/construct DB support class for {classname}**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1230E** **Update to insert mode is on but full image value is missing**

**Explanation** An attempt to insert an update failed because the full image of the record is missing from the database.

**Action** Use Option=32 in the Event Replicator Server destination definition. For more information, refer to your Event Replicator for Adabas destination documentation.

**ART1231E** **The {key} is unknown**

**Explanation** The displayed keyword is unknown.

**Action** Check the metadata on the WebDAV directory.

**ART1232E** **Cannot insert column**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1233I** **SQL command failed {cmd}**

**Explanation** The SQL command listed in the message (*cmd*) failed.

**Action** Review other accompanying error messages to determine the cause of the problem. If the problem persists, contact your technical support representative for assistance.

**ART1234I** **SQL command reason {rsncode}**

**Explanation** The previous SQL command failed with the reason code (*rsncode*) given in the message.

**Action** Review the documentation for your RDBMS to determine the cause of the problem.

**ART1235W** **Sync DDL value {val} is not one of the following values, ignore, warn, apply, error. Reset to ignore.**

**Explanation** The value for the **Adabas-RDBMS Synchronization Level** option is invalid. It has been reset to "ignore".

**Action** In the target database options, change the setting of the **Adabas-RDBMS Synchronization Level** option to something other than "ignore" if you want.

**ART1236E** **Cannot alter column {detailed-info}**

**Explanation** The Event Replicator Target Adapter could not alter the column described by the detailed information listed in the message (*detailed-info*) during it's attempt to synchronize the RDBMS table with the Adabas file.

**Action** Make sure the target database supports this kind of type conversion and that this column is not a primary key and doesn't have foreign key. If the problem persists, contact your technical support representative for assistance.

**ART1237W** **Data type or length mismatch on column {detailed-info}**

**Explanation** During an attempt to synchronize the RDBMS table with the Adabas file, the Event Replicator Target Adapter determined that a data type or length mismatch had occurred for the column described by the detailed information listed in the message (*detailed-info*).

**Action** Issue the same message as the previous one. The Event Replicator Target Adapter will continue to run because the **Adabas-RDBMS Synchronization Level** value is set to "warn". If the problem persists, contact your Software GmbH technical support representative for assistance.

**ART1238I** **Alter column {detailed-info}**

**Explanation** The column described by the detailed information listed in the message (*detailed-info*) was altered in the RDBMS during Event Replicator Target Adapter synchronization between the RDBMS table and the Adabas file.

**Action** No action is required for this informational message.

**ART1239I** **Add column {detailed-info}**

**Explanation** The column described by the detailed information listed in the message (*detailed-info*) was added to the RDBMS during Event Replicator Target Adapter synchronization between the RDBMS table and the Adabas file.

**Action** No action is required for this informational message.

**ART1240E** **Cannot add column {detailed-info}**

**Explanation** The Event Replicator Target Adapter could not add the column described by the detailed information listed in the message (*detailed-info*) to the RDBMS during it's attempt to synchronize the RDBMS table with the Adabas file.

**Action** Make sure the target database supports adding columns. If the problem persists, contact your technical support representative for assistance.

**ART1241W** **Target database does not have column {detailed-info}**

**Explanation** During an attempt to synchronize the RDBMS table with the Adabas file, the Event Replicator Target Adapter determined that the target RDBMS is missing the column described by the detailed information listed in the message (*detailed-info*).

This message is issued because the **Adabas-RDBMS Synchronization Level** value is set to "warn". In this case, the Event Replicator Target Adapter issues this warning message and continues processing.

**Action** No action is required for this warning message.

**ART1242E** **Cannot find _INDEX as suffix of the PE table {tablename} primary key {key}**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1243W** **Response code {nn} received for operation: {operation}**

**Explanation** The Event Replicator Target Adapter received an unexpected response code *nn* for the described *operation*.

**Action** Please check the Replicator SYSOUT for further details.

**ART1244I** **Transaction {{number}} ignored as it has been previously processed.**

**Explanation** Transaction caching is active and the Event Replicator Target Adapter has attempted to process a transaction which has already been recorded as processes.

**Action** Verify the integrity of the replicated data.

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| **ART1245I** | **Transaction cache disabled.** |
| **Explanation** | Informational message at startup notifying transaction caching is disabled. This is the default behavior. |
| **Action** | No action is required for this informational message. |

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| **ART1246I** | **Dynamically adjust flags (DeleteBeforeInsert, ContinueOnSQLError) during Initial State time stamp boundaries: ON** |
| **Explanation** | Informational message displayed at startup, indicating enhanced ADARIS Initial State processing is active. |
| **Action** | No action is required for this informational message. |

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| **ART1247I** | **Dynamically adjust flags (DeleteBeforeInsert, ContinueOnSQLError) during Initial State time stamp boundaries: OFF** |
| **Explanation** | Informational message displayed at startup, indicating enhanced ADARIS Initial State processing is in-active. |
| **Action** | No action is required for this informational message. |

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| **ART1302I** | **Loader complete for {loader}** |
| **Explanation** | The Event Replicator Target Adapter completed loading replicated data for the Oracle SQL Loader listed in the message without failing. |
| **Action** | No action is required for this informational message. |

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| **ART1303E** | **Loader fail. Please check the log files {fn}** |
| **Explanation** | An attempt to load replicated data to the database via the Oracle SQL loader failed. The log files (*fn*) that contain more information are listed in the message. |
| **Action** | Review the log files for more information about the failure. If possible, correct the error and try again. If the problem persists, contact your technical support representative for assistance. |

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| **ART1304E** | **Loader exception** |
| **Explanation** | An exception occurred during the loading process. |
| **Action** | Contact your technical support representative for assistance. |

**ART1305E** **Create table XML file {fn} does not exist**

**Explanation** A request to create the table in an XML file failed because the XML file could not be found. The filename of the XML file is given in the message (*fn*).

**Action** Contact your technical support representative for assistance.

**ART1306I** **Generating loader control file {file} with {mode}**

**Explanation** Informational message displaying the loader file and the mode.

**Action** No action is required for this informational message.

**ART1307E** **Control file {fn} is not generated**

**Explanation** The control file listed in the message (*fn*) was not generated.

**Action** Contact your technical support representative for assistance.

**ART1308E** **Loader cannot support streaming mode**

**Explanation** The loader cannot support streaming mode.

**Action** Modify the target database options used by the database so that the **Use Stream** option is not selected (checked) and try again. For more information, read *Specifying Target Database Processing Option Definitions* in the *Event Replicator Target Adapter Administration Guide*.

**ART1309E** **Output file {fn} is not generated**

**Explanation** The output file named in the message (*fn*) was not generated.

**Action** Contact your technical support representative for assistance.

**ART1310I** **Current configuration cannot support streaming mode; change to nonstreaming mode**

**Explanation** The current configuration does not support streaming mode. The Event Replicator Target Adapter turns stream mode off and retries the operation.

**Action** No action is required for this informational message.

**ART1311I** **Current configuration cannot support loader mode; change to nonloader mode**

**Explanation** The current configuration does not support the database in loader mode.

**Action** No action is required for this informational message.

**ART1312I** **Loader process running for {loader}**

**Explanation** The database loader process is running for the Oracle SQL Loader listed in the message.

**Action** No action is required for this informational message.

**ART1313I** **Loader about to execute following command: {cmd}**

**Explanation** The database loader process is executing the command listed in the message (*cmd*).

**Action** No action is required for this informational message.

**ART1315I** **Create loader thread**

**Explanation** An attempt by the Event Replicator Target Adapter to create a loader thread is in process.

**Action** No action is required for this informational message.

**ART1316E** **Called with table: {tblname} column: {colname}**

**Explanation** An error occurred trying to call the table (*tblname*) and column (*colname*) whose names are listed in the message.

**Action** Contact your technical support representative for assistance.

**ART1318I** **Initial-state running in loader mode**

**Explanation** The initial-state process is running in loader mode.

**Action** No action is required for this informational message.

**ART1319E** **Cannot wait for loader process**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1320E** **Cannot find control file name**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1321E** **Cannot find log file name**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1322E** **Cannot find bad file name**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1323E** **Cannot find discard file name**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1324E** **Cannot find out file name**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1325E** **Create loader process failed**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1326I** **Test loader process successful**

**Explanation** The test loader process completed successfully.

**Action** No action is required for this informational message.

**ART1327E** **Test loader process failed, exit code {code}**

**Explanation** The test loader process failed with the exit code listed in the message (*code*).

**Action** Contact your technical support representative for assistance.

**ART1328E** **Cannot create XsltWorker**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1329E** **Cannot set up environment variables of file {fn}**

**Explanation** An attempt to set the environment variables for the file named in the message (*fn*) failed.

**Action** Contact your technical support representative for assistance.

**ART1330E** **Cannot support current database type**

**Explanation** Support is not provided for the database type.

**Action** Change the database type to one that is supported by the Event Replicator Target Adapter. If necessary, contact your technical support representative for assistance.

**ART1331E** **Worker is null**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1332E** **Cannot create loader thread**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1333E** **Cannot create piped stream**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1334E** **Loader failed. Current mode is streaming mode, change to nonstreaming mode and retry**

**Explanation** The loader failed.

**Action** Modify the target database options used by the database so that the **Use Stream** option is not selected (checked) and try again. For more information, read *Specifying Target Database Processing Option Definitions* in the *Event Replicator Target Adapter Administration Guide*.

**ART1335E** **Cannot write to output stream**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1336E** **Parsing error {err} line {lll} column {ccc} PID {pid} CID {cid}**

**Explanation** A parsing error occurred. The error, line number, column number, process ID, and command ID are given in the message.

**Action** Contact your technical support representative for assistance.

**ART1337E** **Unable to send message to the loader**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1338E** **Cannot find base file name**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1339W** **Current database cannot support streaming mode, reset to nonstreaming mode**

**Explanation** The current database does not support streaming mode. The Event Replicator Target Adapter has turned streaming mode off.

**Action** No action is required for this warning message.

**ART1340E** **The child thread may end unexpectedly**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1341E** **Cannot find WebDAV**

**Explanation** The WebDAV file cannot be found.

**Action** Contact your technical support representative for assistance.

**ART1342E** **Batch file {fn} does not exist**

**Explanation** The batch file named in the message does not exist.

**Action** Contact your technical support representative for assistance.

**ART1343W** **The service name of the loader in the Target Database Options of a Teradata MLoad, {name}, has more than {num} characters. Using {xxxx} as the tdpid for this MLoad**

**Explanation** The service name of the loader during Teradata MLoad processing is too long. The Event Replicator Target Adapter is using the name *xxxx* for the tdpid of the MLoad processing.

**Action** No action is required for this warning message.

**ART1344W** **The service name of the loader in the Target Database Options of a Teradata MLoad has not been informed. Attempting to use xxxx as the tdpid for ths MLoad**

**Explanation** The service name of the loader during Teradata MLoad processing has not been provided. The Event Replicator Target Adapter is trying to use the name *xxxx* for the tdpid of the MLoad processing.

**Action** No action is required for this warning message.

**ART1401I** **Transform document using XSLT file: {fn} token: {token}**

**Explanation** The Event Replicator Target Adapter is attempting to transform the document using the XSLT file (*fn*) and token (*token*) listed in the message.

**Action** No action is required for this informational message.

**ART1402E** **Cannot convert from UTF8 byte array to a string**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART1501I** **Source manager shutdown requested**

**Explanation** A request was made to shut down the source manager.

**Action** No action is required for this informational message.

**ART1502I** **Source manager notified to shut down**

**Explanation** The source manager has been notified to shut down.

**Action** No action is required for this informational message.

**ART1503I** **Waiting for source manager shutdown to complete**

**Explanation** The Event Replicator Target Adapter is waiting for the source manager to fully shut down.

**Action** No action is required for this informational message.

**ART1504I** **Source manager is down**

**Explanation** The source manager shutdown has completed.

**Action** No action is required for this informational message.

**ART1601I** **Engine manager shutdown requested**

**Explanation** A request was made to shut down the engine manager.

**Action** No action is required for this informational message.

**ART1602I** **Engine manager notified to shut down**

**Explanation** The engine manager has been notified to shut down.

**Action** No action is required for this informational message.

**ART1603I** **Waiting for engine manager shutdown to complete**

**Explanation** The Event Replicator Target Adapter is waiting for the engine manager to fully shut down.

**Action** No action is required for this informational message.

**ART1604I** **Engine manager is down**

**Explanation** The engine manager shutdown has completed.

**Action** No action is required for this informational message.

**ART1701W** **Parameter {parm} value {val} not numeric**

**Explanation** The parameter named in the message (*parm*) specifies a value (*val*) that is not numeric.

**Action** Supply a numeric value for the parameter and try again.

**ART1702W** **Parameter {parm} value {val} does not end with "S"**

**Explanation** The parameter named in the message (*parm*) specifies a value (*val*) that does not end in an "S".

**Action** Supply a value for the parameter that ends in an "S" and try again.

**ART1703W** **Parameter {parm} value {val} is not "true" or "false"**

**Explanation** The parameter named in the message (*parm*) specifies a value (*val*) that is not "true" or "false."

**Action** Supply a "true" or "false" value for the parameter and try again.

**ART1801E** **Cannot open WebSphere MQ trace log file {fn}**

**Explanation** An attempt to open the WebSphere MQ trace file named in the message (*fn*) failed.

**Action** Check your definition. Verify that the directory defined in your definitions exists.

**ART1802E** **WebSphere MQ rollback failed {err-code}**

**Explanation** A rollback attempt for WebSphere MQ failed.

**Action** Review the webSphere MQ documentation to determine the reason for the failure.

**ART1803E** **WebSphere MQ logon failed host {hostid} port {portnum} error {err}**

**Explanation** An attempt to logon to WebSphere MQ failed. The WebSphere MQ host ID (*hostid*), port number (*portnum*), and the error number (*err*) from the attempt are given in the message.

**Action** Check with your WebSphere MQ administrator to determine why the attempt failed. Resolve the problem and try again.

**ART1804I** **WebSphere MQ logon to host {hostid} successful**

**Explanation** The attempt to log onto the WebSphere MQ host named in the message (*hostid*) was successful.

**Action** No action is required for this informational message.

**ART1805I** **WebSphere MQ receiving messages from queue {qname}**

**Explanation** WebSphere MQ is receiving and processing messages from the queue listed in the message (*qname*).

**Action** No action is required for this informational message.

**ART1806E** **WebSphere MQ request failed**

**Explanation** A WebSphere MQ request failed.

**Action** Check with your WebSphere MQ administrator to determine why the attempt failed. Resolve the problem and try again.

**ART1807E** **WebSphere MQ receive failed {err-code}**

**Explanation** A receive request via the WebSphere MQ queue failed.

**Action** Check with your WebSphere MQ administrator to determine why the attempt failed. Resolve the problem and try again.

**ART1808E** **WebSphere MQ commit failed {err-code}**

**Explanation** A commit request via the WebSphere MQ queue failed.

**Action** Check with your WebSphere MQ administrator to determine why the attempt failed. Resolve the problem and try again.

**ART1809E** **WebSphere MQ send failed {err-code}**

**Explanation** A send request via the WebSphere MQ queue failed.

**Action** Check with your WebSphere MQ administrator to determine why the attempt failed. Resolve the problem and try again.

**ART1810E** **WebSphere MQ close failed {err-code}**

**Explanation** A close request via the WebSphere MQ queue failed.

**Action** Check with your WebSphere MQ administrator to determine why the attempt failed. Resolve the problem and try again.

**ART2001E** **Required target configuration not found {config} or default**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART2002E** **Operation is null**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART2003E** **Operation {opname} is not supported**

**Explanation** An attempt to run the operation named in the message (*opname*) failed because it is not supported.

**Action** Try an operation that is supported.

**ART2004E** **Not SOAP element**

**Explanation** An internal error occurred.

**Action** Contact your technical support representative for assistance.

**ART3001E** **Wrong factory type for {msgtype}. Type is {factype}.**

**Explanation** An attempt to use the wrong JMS factory type for the type of messaging specified. The message type (*msgtype*) and factory type (*factype*) are given in the message. Replicate the data to a JMS topic if you want to use publish-subscribe messaging; replicate the data to a JMS queue if you want to use point-to-point messaging.

**Action** Verify the JMS target definition is specified correctly in the Event Replicator Target Adapter Administration tool. Contact your technical support representative for assistance.

**ART3002E** **Factory {factory} not found in the naming system.**

**Explanation** An attempt to access the JMS topic or queue connection factory in the system was not successful.

**Action** Verify the JMS target definition is specified correctly in the Event Replicator Target Adapter Administration tool. Contact your technical support representative for assistance.

**ART3003E** **Error occurred while accessing factory {factory} in the naming system {system}.**

**Explanation** An error occurred attempting to access the JMS topic or queue connection factory named in the message in the system named in the message.

**Action** Verify the JMS target definition is specified correctly in the Event Replicator Target Adapter Administration tool. Contact your technical support representative for assistance.

**ART3004E** **Wrong destination type for {jmsname}. Type is {factype}.**

**Explanation** An attempt to use the wrong type of destination was made when replicating data to JMS queues or topics. The JMS destination topic or queue name (*jmsname*) and the factory type (*factype*) are given in the message. Specify the destination as a JMS topic (as defined to webMethods Broker) if you want to use publish-subscribe messaging; specify the destination as a JMS queue (as defined to webMethods Broker) if you want to use point-to-point messaging.

**Action** Verify the JMS target definition is specified correctly in the Event Replicator Target Adapter Administration tool. Contact your technical support representative for assistance.

**ART3005E** **Destination {dest} not found in the JNDI provider**

**Explanation** An internal error occurred. The destination specified in the JMS target definition was not found in the JNDI provider specified in the JMS target definition. The destination name is given in the message.

**Action** Verify the JMS target definition is specified correctly in the Event Replicator Target Adapter Administration tool. Contact your technical support representative for assistance.

**ART3006E** **Error while accessing destination {dest}**

**Explanation** An internal error occurred. An error occurred during an attempt to access the destination specified in the JMS target definition.

**Action** Verify the JMS target definition is specified correctly in the Event Replicator Target Adapter Administration tool. Contact your technical support representative for assistance.

**ART3100E** **Cannot create DBID {db} FNR {fn : error}.**

**Explanation** Error to create a file with DBID db FNR fn.

**Action** ART accesses Adabas file via Entire Net-Work Server through Adabas Directory Server. Please verify the setup and Adabas connection.

**ART3101E** **Cannot find saved file {file} for DBID {db}, FNR {fn}.**

**Explanation** Error to save the file with DBID db FNR fn.

**Action** ART accesses Adabas file via Entire Net-Work Server through Adabas Directory Server. Please verify the setup and Adabas connection.

**ART3102E** **MU or PE index, {index}, is not between 1 and 65534**

**Explanation** MU or PE index is out of bound.

**Action** Index value in the message should be between 1 and 65534, please verify the setup of Source configuration.

**ART3103W** **This field {field} is overwritten because of duplicate name**

**Explanation** This field name *field* is duplicated.

**Action** No action is required for this informational message.

**ART3104I** **Create dbid {db} fnr {fn} success.**

**Explanation** Adabas file dbid *db* fnr *fn* created.

**Action** No action is required for this informational message.

**ART3105E** **Cannot delete DBID {db} FNR {fn : error}.**

**Explanation** Adabas file dbid *db* fnr *fn* cannot be deleted.

**Action** ART accesses Adabas file via Entire Net-Work Server through Adabas Directory Server. Please verify the setup and Adabas connection.

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| **ART3106I** | **Delete DBID {db} FNR {fn} success.** |
| **Explanation** | Adabas file dbid *db* fnr *fn* deleted. |
| **Action** | No action is required for this informational message. |

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|---|---|
| **ART3107E** | **Cannot have more than one database (DBID) {db1} and {db2} in a single transaction (URBT)** |
| **Explanation** | A single URBT cannot contain more than one DBID. |
| **Action** | Please verify the setup of replication. |

| | |
|---|---|
| **ART3108E** | **Cannot open Adabas database {db} with file(s) {fn} for updating {rc}** |
| **Explanation** | Failed to update Adabas DBID *db* fnr *fn*. |
| **Action** | ART accesses Adabas file via Entire Net-Work Server through Adabas Directory Server. Please verify the setup and Adabas connection. |

# 44 ARVU* - Adabas Review Interface Messages

**ARVU01** **{dbid} GETMAIN failure (x), size={requested-getmain-size}, REVIEW parameter set to NO**

**Explanation** ADARVU was unable to obtain the necessary GETMAIN space to operate. ADARVU terminates processing. It is probable that the specified region size is too small, or the default region size is too small.

x distinguishes the events which cause this message to occur.

SIZE is the requested GETMAIN size that could not be obtained. The Adabas nucleus completes its initialization but no calls are made to the Adabas Review hub.

**Action** Increase the region size for Adabas and restart the nucleus.

**ARVU02** **{dbid} REVIEW HUB ID={ target-id} LOG RETD RSP {rsp} SUB {sub.}**
**{dbid} REVIEW HUB ID= {target-id} CLS RETD RSP {rsp} SUB {sub.}**
**{dbid} REVIEW HUB ID= {target-id} OPN RETD RSP {rsp} SUB {sub.}**

**Explanation** A non-zero Adabas response and subcode were received from the Adabas Review hub with the specified target ID when ADARVU sent one of the following requests:

| | |
|---|---|
| LOG | request to process a command log record. |
| CLS | close call to terminate monitoring services with the hub. |
| OPN | open call to establish monitoring services with the hub. |

**Action** Identify the problem from the Adabas response code. If the problem is parameter settings in the hub, i.e., attached buffer size or command queue size, then the Adabas Review hub must be cycled to reset the parameters. If the Adabas response code 148 (ADARSP148) was received, the Adabas Review hub may have been terminated.

**ARVU03** **{dbid} REVIEW HUB ID= {target-id} is not a hub server.**

**Explanation** The target ID specified on the `REVIEW` parameter is not an Adabas Review hub. The target may be another Adabas nucleus. The Adabas nucleus completes its initialization but no calls are made to the Adabas Review hub.

**Action** Ensure that the `REVIEW` parameter specifies the correct target ID of an Adabas Review hub and restart the nucleus.

**Action** The operator command `REVIEW=`*`hub-id`* may be used to change the value to another target ID.

**ARVU04** **{dbid} REVIEW HUB ID= {target-id} is not active.**

**Explanation** ADARVU received response code 148 (ADARSP148) on a request call to the Adabas Review hub. This message is displayed in conjunction with the AREV02 message.

**Action** Start the appropriate Adabas Review hub.

**ARVU05** **{dbid} UEX5: Requested wait for {nnnnn} seconds.**
**{dbid} UEX5: Invalid REQ ( {xx} ), IGNORE assumed.**

**Explanation** On any error condition, ADARVU calls user exit 5 if present. User exit 5 may return one of three possible service requests:

1. `W`: Wait for *`nnnnn`* seconds, after which ADARVU will resend the request to the Adabas Review hub.
2. `I`: Ignore the non-zero response received from the Adabas Review hub and to continue processing.
3. `R`: Immediately resend the request to the Adabas Review hub.

The message displays the number of seconds delay time returned from the user exit 5. If an unknown request is received from the user exit, the request is ignored and processing continues.

**Action** None required, unless the second message is displayed. The INVALID REQ message indicates a problem with the user exit 5. Correct the problem and restart the Adabas nucleus, when possible.

**ARVU06** **{dbid} Check ADABAS Messages and Codes manual.**

**Explanation** This message is displayed in conjunction with the AREV02 message in the event that the non-zero response received by ADARVU is not a RSP 148.

**Action** None required. This message is for your information only.

**ARVU07** **{dbid} Session open failure, module {module} could not be loaded.**

**Explanation** The specified module was not found in the load library and could not be loaded. The Adabas nucleus completes its initialization but no calls are made to the Adabas Review hub.

**Action** Ensure that the correct load libraries are specified for the Adabas job and restart the Adabas nucleus.

**ARVU08** **{dbid} Number of non-zero responses from hub is {count}.**

**Explanation** Whenever an unexpected response is received by ADARVU, the count of the number of non-zero responses is incremented and this message is displayed.

**Action** None required. This message is for your information only.

**ARVU09** **{dbid} User exit 5 {available | unavailable}**

**Explanation** During session initialization, ADARVU checks if a user exit 5 has been loaded. This message displays whether the user exit 5 was located or not.

**Action** None required. This message is for your information only.

**ARVU10** **{dbid} REVIEW HUBID {hub-id} version V{nn} located.**

**Explanation** During session initialization, ADARVU issues a call to the specified Adabas Review hub. When a successful connection is established, this message is displayed.

**Action** None required. This message is for your information only.

**ARVU11** **{dbid} Change orders from REVIEW hub {hub-id}.**

**Explanation** The Adabas Review hub notified the client nucleus that it changed the monitoring or reporting status of the client nucleus. ADARVU then displays this message accompanied by the ARVU13 message set.

**Action** None required. This message is for your information only.

**ARVU12** **{dbid} REVIEW hub id changed from {hub-id} TO {hub-id}**

**Explanation** ADARVU detected that the hub-id specified in the `REVIEW` parameter was changed dynamically by an operator command.

**Action** None required. This message is for your information only.

**ARVU13** **{dbid text}**

**Explanation** Possible message texts:

| Message Text (*text*) | Description |
|---|---|
| {NO \| *count* } REVIEW REPORT(S) STARTED | In conjunction with the ARVU11 message, this message indicates the status of information transmitted from the client nucleus to the hub. If no Adabas Review report(s) are started, ADARVU does not send data to the hub. If there is at least one report started, then ADARVU transmits the command log data to the hub.<br><br>*Action:* No action required. This message is for your information only. |
| THE FOLLOWING BUFFER TYPES ARE REQUIRED: *buffer-type-codes* | If buffers are required, the required buffer types are listed in the message. The possible buffer type codes are: F (format buffer), R (record buffer), S (search buffer), V (value buffer), I (ISN buffer), O (I/O list buffer), U (User Info buffer), M (multifetch buffer), or P (performance buffer).<br><br>*Action:* Verify that the correct buffers are specified. Otherwise, no action is required for this informational message. |

**ARVU14** **{dbid} REVIEW parameter set to NO.**

**Explanation** The REVIEW parameter is set to "NO". This message is a consequence of a previous error and is accompanied by a more detailed explanation (e.g. ARVU01).

**Action** Correct the issue and reactivate REVIEW.

**ARVU16** **{dbid} REVIEW HUB Is accepting buffered CLOG records.**

**Explanation** The Adabas Review hub accepts buffered CLOG records from the client nucleus as a way of reducing the number of cross-memory calls from the client nucleus to the hub.

**Action** None required. This message is for your information only.

**ARVU17** **{dbid} REVIEW HUB is not accepting buffered CLOG records.**

**Explanation** The Adabas Review hub is not accepting buffered CLOG records from the client nucleus.

**Action** Check the job log of the Adabas nucleus and the Adabas Review hub, why the Adabas Review hub refuses to accept buffered CLOG records.

**ARVU18** **{dbid} REVIEW Trans-Port is installed using PC {pc-number}.**

**Explanation** The Adabas nucleus runs with the Adabas Review Trans-port feature when sending CLOG records to the Adabas Review hub.

**Action** None required. This message is for your information only.

**ARVU19** **{dbid} REVIEW TRANS-PORT IS NOT INSTALLED**

**Explanation** The Adabas Review Trans-port feature is not installed.

**Action** If this Adabas nucleus should run with the Adabas Review trans-port feature, check the job log of the Adabas nucleus and the job log of the Adabas Review hub why trans-port is not installed.

**ARVU20** **{dbid} REVIEW MODULES NOT FOUND, LOGCLEX PARAMETER IS SET TO NO**

**Explanation** ADARUN `LOGCLEX=YES` has been specified, but no Adabas Review modules are available. The Adabas nucleus changed the `LOGCLEX` parameter to ADARUN `LOGCLEX=NO`. The extended information is made available for the purpose of running Adabas Review in batch mode.

**Action** Please make the Adabas Review modules available in the STEPLIB.

**ARVU21** **{dbid} ADAIOR REQUEST FAILED: FUNC {ff} RSP {rr}**

**Explanation** A request to the Adabas ADAIOR interface by the Pulse failed.

**Action** Retain all dumps, messages, and other related information; contact your Software GmbH technical support representative.

**ARVU22** **{dbid} GETMAIN FAILED: INSUFFICIENT STORAGE**

**Explanation** A request for storage by the Pulse failed. The report is not started.

**Action** Increase the region size for Adabas and restart the nucleus.

**ARVU23** **{dbid} INTERNAL ERROR IN {module}, subcode {n}**

**Explanation** An internal error has occurred in the given Pulse module. The report is not started.

In the Pulse modules ADAPMT, ADAPSM, and ADAPST a sub code is issued:

| Module | Subcode | Explanation |
|---|---|---|
| ADAPSM | 1 | ADAPLRPL work area is missing. |
| ADAPSM | 2 | The Pulse extension in CLEX is missing. |
| ADAPST | 1 | SVC number is zero.<br><br>**Action:** Check SVC numbers in Reports. |
| ADAPST | 2 | A'ADAPCS is missing.<br><br>**Action:** Check whether module ADAPCS is available. |
| ADAPST | 3 | A'ADAPCS is missing.<br><br>**Action:** Check whether module ADAPCS is available. |
| ADAPST | 4 | The eye catcher in the buffer is neither 'TIMC' nor 'TERM' nor 'RSTR'. |
| ADAPST | 5 | A'ADAPCS is missing.<br><br>**Action:** Check whether module ADAPCS is available. |
| ADAPST | 6 | A'ADAPCS is missing.<br><br>**Action:** Check whether module ADAPCS is available. |

In ADAPCS no sub code is issued.

**Action** Retain all dumps, messages, and other related information; contact your Software GmbH technical support representative.

**ARVU24** **{dbid} CLUSTER SERVICES NOT ACTIVE**

**Explanation** The Pulse has determined that Cluster Services statistics reporting is not possible. The report is not started.

**Action** Ensure that Cluster Services is active.

**ARVU25** **{dbid} ADABAS rspcode {rrrrr} subcode {sssss}**
**returned from DBID {dbid} NUCID {nucid}**

**Explanation** The Pulse has encountered the given Adabas non-zero response code and subcode. The report is deactivated.

**Action** Identify the problem from the Adabas response code and subcode.

**ARVU26** **{dbid} PULSE ESTAE DRIVEN, RETRY IN PROGRESS**

**Explanation** The Pulse subtask has encountered an error and will attempt to recover.

**Action** None.

**ARVU27** **{dbid} PULSE RECOVERY ATTEMPT FAILED**

**Explanation** The Pulse subtask attempt at error recovery failed. The report is deactivated.

**Action** Retain all dumps, messages, and other related information; contact your Software GmbH technical support representative.

**ARVU28** **{dbid} Pulse task failed to attach**

**Explanation** The Pulse subtask could not be attached. The report is deactivated.

**Action** Retain all dumps, messages, and other related information; contact your Software GmbH technical support representative.

**ARVU29** **{dbid} Pulse task now {active|inactive}**

**Explanation** The Pulse has stopped or started.

**Action** None.

**ARVU30** **{dbid} Invalid Pulse interval, default used**

**Explanation** The Pulse detected an invalid timer interval. The acceptable range is from 1 to 1440 minutes. The default interval of 15 minutes is used.

**Action** Restart the report with a valid timer value.

**ARVU31** **{dbid} Pulse ended due to non-zero RSP codes**

**Explanation** The Pulse detected three non-zero Adabas response codes. The report is deactivated.

**Action** Correct the cause of the non-zero response codes and restart the report.

**ARVU32** **{dbid} REVIEW Trans-Port disabled after error.**

**Explanation** Future records will be sent to the Hub using the command queue instead of Trans-Port. Additional messages are available in the Nucleus and Hub to identify the error.

**Action** Correct the error. Restar the Nucleus or Review Hub to reestablish Trans-Port.

**ARVU33** **{dbid} REVIEW hub CPU id different.**

**Explanation** This message is issued when the CPU ID of the Adabas nucleus and the CPU ID of the Adabas Review hub are different. When this happens, CLOG records to the Adabas Review hub cannot be sent via the Trans-port PC call, but must be sent via the Adabas router. The performance of the Adabas router sending mechanism is slower than the performance of Trans-port.

**Action** No action is required for this informational message.

**ARVU34** **{dbid} REVIEW = ADABAS DBID not allowed.**

**Explanation** The ADARUN parameters DBID and REVIEW specify equivalent DBID values. The ARVU14 message appears and the REVIEW parameter is set to NO.

**Action** Specify the correct REVIEW parameter. This can be done online.

**ARVU36** **{dbid} Review local mode initialization failed.**

**Explanation** Review Local mode has been disabled due to an error when initializing Review. A preceding message will identify the specific error.

**Action** Correct the error and restart the nucleus. In some cases it may be possible to use operator commands to assign the nucleus to a Review Hub.

**ARVU38**
**{dbid} REVIEW record filtering started.**
**{dbid} REVIEW record filtering stopped.**
**{dbid} REVIEW record filtering failed.**
**{dbid} Records processed: {nnnnnnnnnn}**
**{dbid} Records filtered: {nnnnnnnnnn}**

**Explanation** The status of record filtering has changed. When filtering is stopped, the number of command log records processed thus far by the filter is printed, as well as the number of records filtered from Review processing.

**Action** None required when the filtering started or stopped. These messages are informational only.

When the filtering failed, contact your technical support representative.

**ARVU41** **{dbid} buffers ignored.**

**Explanation** Every field which could be processed by REVIEW has an indication (or attribute) whether a particular Adabas buffer (FB, RB, SB, VB, IB, MB, PB, IO, UI) is necessary for REVIEW to process this field. These indications (or attributes) are gathered for each report running and the indications (or attributes) for all running reports are gathered and Adabas is informed which Adabas buffers are requested by REVIEW.

When Adabas sets up a command log record for REVIEW, it checks these indications in order to build the command log record with or without a particular Adabas buffer. During this process Adabas (ADARVU) checks whether the length of the actual

Adabas buffer confirms the ADARUN parameter REVLOGMAX. If the value is violated the first time, the ARVU41 message is issued.

**Action** Buffers are ignored. If necessary increase the value of REVLOGBMAX or deselect fields which require Adabas buffers.

**ARVU42** **dbid REVIEW hub {hub-id} version V{nn} not supported.**

**Explanation** During session initialization, ADARVU issues a call to the specified Adabas Review hub, running with version V*nn*. This version is not supported; the version number is either too low or too high. The handshake command to the hub did not work, so Adabas Review will not collect any data.

**Action** Start the Adabas Review hub with the appropriate version. For information about version compatibility, read *Adabas and Adabas Review Version Compatibility*, in the *Adabas Review Release Notes*.

**ARVU43** **{dbid} Storage keys of nucleus and hub are different.**

**Explanation** The storage keys of the Adabas nucleus and of the Adabas Review hub are different. Both address spaces must run under storage keys 0 or storage keys 8.

**Action** Start Adabas nucleus and Adabas Review hub under the same key, i.e. storage key 0 or storage key 8.

**ARVU45**
**{dbid} ADABAS REVIEW Main Task Statistics**
**{dbid} Number records arrived {n,nnn,nnn,nnn}**
**{dbid} Number records logged {n,nnn,nnn,nnn}**
**{dbid} Successful logged {n,nnn,nnn,nnn}**
**{dbid} Unsuccessful logged {n,nnn,nnn,nnn}**
**{dbid} Largest log record {nn,nnn}**
**{dbid} Log record filtering**
**{dbid} Records processed {n,nnn,nnn,nnn}**
**{dbid} Records filtered {n,nnn,nnn,nnn}**
**{dbid} Hub mode log records {n,nnn,nnn,nnn}**
**{dbid} Finished Hub calls {n,nnn,nnn,nnn}**
**{dbid} Successful Hub calls {n,nnn,nnn,nnn}**
**{dbid} Unsuccessful Hub calls {n,nnn,nnn,nnn}**
**{dbid} Asynchrone Hub calls {n,nnn,nnn,nnn}**
**{dbid} Hub not active {n,nnn,nnn,nnn}**
**{dbid} no Reports active calls {n,nnn,nnn,nnn}**
**{dbid} skipped (no space) {n,nnn,nnn,nnn}**
**{dbid} Local mode log records {n,nnn,nnn,nnn}**
**{dbid} refused local {n,nnn,nnn,nnn}**
**{dbid} skipped (no space) {n,nnn,nnn,nnn}**
**{dbid} REVIEW subtask**
**{dbid} running {n,nnn,nnn,nnn}**
**{dbid} soft post {n,nnn,nnn,nnn}**
**{dbid} hard post {n,nnn,nnn,nnn}**
**{dbid} not affected {n,nnn,nnn,nnn}.**

**Explanation** This message displays shutdown statistics for the Adabas Review components in the Adabas nucleus. ADARVU reports:

- The number of log records processed while in Hub mode
- The number of log records processed while in Local mode
- The number of log records processed while record filtering was active
- The number of log records filtered from Review processing
- The size (in bytes) of largest log record
- The number of successful calls and Trans-Port sends to the Review Hub
- The number of unsuccessful calls and Trans-Port sends to the Review Hub
- The number of records where the HUB was not active
- The number of records where no report was active
- The number the REVIEW subtask was POSTED or not POSTED (because already running or counter/time slice not exceeded)

**Action** None required. This message is informational only.

**ARVU46** **{dbid} REVIEW local mode closed now.**
**{dbid} Disconnected from REVIEW hub {hub-id}.**

**Action** None required. This message is for your information only.

**ARVU47** **{dbid} Connecting to REVIEW local mode.**
**{dbid} Connecting to REVIEW hub {hub-id}.**

**Action** None required. This message is for your information only.

**ARVU48** **{dbid} Connection established with Review hub {hub-id}**

**Explanation** A handshake with the Hub completed successfully.

**Action** None required. This message is for information only.

**ARVU49** **{dbid} Internal error at {module X'offset'}**

**Action** Notify your technical support representative.

**ARVU50** **{dbid} Connection to REVIEW Hub {target-id} has been lost**

**Explanation** The Hub is no longer active.

**Action** If the Hub is remote from the nucleus, check the Net-Work connectivity. Restart the Hub, select another Hub, or change to LOCAL mode.

**ARVU51** **{dbid} Connection to REVIEW Hub {target-id} has been restored**

**Action** None required. This message is for your information only.

**ARVU52** **{dbid}REVIEW user defined set enabled.**
**{dbid} CLOG structure contains only data used in reports.**
**{dbid} REVIEW user defined set discarded.**
**{dbid} REVIEW user defined set failed.**

**Explanation** When a user-defined set is enabled, only the basic information and the values used in reports (running, scheduled, or suspended) are sent to REVIEW (either HUB or local). This action reduces the size of the CLOG record to the vital information units only.

A user-defined set is enabled by setting the INPUT parameter to MODE=V52 and CLOGDATA=USED.

**Action** When the user-defined set is discarded or enabled, no action is required. These messages are informational only.

When the user-defined set fails, contact your technical support representative.

**ARVU53** **{dbid} Hand shake from indefinable source ignored**
**{dbid} Hand shake from HubID={target-id} received [via NucId={nucleus ID}]**

**Explanation** The first form is issued when a Handshake message is not properly formatted. The second form is issued when a valid handshake message is received. The second segment of the second form is not issued when the Nucleus received the handshake directly from the Hub. The second segment indicates the handshake was forwarded from the nucleus that received the handshake directly from the Hub

**Action** For the first form, check the target IDs of the Hub and other servers for conflicts.

No action required for the second form. This message is for your information only.

**ARVU54** **{dbid} REVIEW Hub={target-id} has closed connection**

**Explanation** The Review Hub has disconnected from the nucleus as a result of an operator command or stopping the Hub.

**Action** None required. This message is for your information only.

**ARVU55** **{dbid} Sending CLOGs to REVIEW using interface {module}.**

**Explanation** The interface (or method) used to send data to REVIEW (either local or HUB ) is controlled by the following parameters:

| ADARUN Parameter | INPUT Parameter | Interface (Method) |
|---|---|---|
| REVIEW=LOCAL | MODE=V51 | RAOSLOCX when Adabas supports Review V5.3<br><br>RAOSLOCL when Adabas does not support Review V5.3 |
| REVIEW=LOCAL | MODE=V52 | RAOSLOCX |
| REVIEW=*hubid*<br><br>REVSTHMV=V52 | | ADARMT/ADARST<br><br>ADARMT uses Trans-Port when possible or delegates to ADARST otherwise<br><br>ADARST uses the command queue |
| REVIEW=*hubid*<br><br>REVSTHMV=V53<br><br>REVLOGNR>0 | | Trans-Port when possible or ADARMX/ADARSX otherwise<br><br>ADARSX uses the command queue |
| REVIEW=*hubid*<br><br>REVSTHMV=V53<br><br>REVLOGNR=0 | | Trans-Port when possible or the command queue (ADALNK) otherwise |

**Action** No action required. This message is for information only.

**ARVU56** **{dbid} ADARMX initialization failed.**
**{dbid} Switching to send single mode.**

**Explanation** Records are sent to the Hub using the command queue immediately. Additional messages appear in the Nucleus to identify the error.

The records are not stored temporary in the buffer pool and sent as bulk by the subtask ADARSX.

**Action** Correct the error and restart the nucleus.

**ARVU57** **{dbid} REVIEW hub {hub-id} does not support bulk mode.**
**{dbid} Switching to send single mode.**

**Explanation** Records are sent to the Hub using the command queue immediately.

The records are not stored temporary in the buffer pool and sent as bulk by the subtask ADARSX.

In bulk mode, the records are buffered. The buffering the occurs is incompatible with the method used in previous versions.

**Action** Upgrade the REVIEW hub or restart the nucleus with ADARUN parameter REVSTHMV=V52.

# 45 ARXM* - Event Replicator for Adabas Messages for Event Replicator Target Adapter

**ARXML001I** **XML TA Exit Startup for {dest-name} - Version {n.n.n.n} Built: {yyyymmdd}**

**Explanation** Event Replicator Target Adapter initialization processing for destination *dest-name* has been started. The Event Replicator Target Adapter version (*n.n.n.n*) and the date (*yyyymmdd*) the Event Replicator Target Adapter code was built are also given in the message.

**Action** No action is required for this informational message.

**ARXML002I** **XML TA Exit {dest-name} Terminating**

**Explanation** Event Replicator Target Adapter termination processing for destination *dest-name* has been started.

**Action** No action is required for this informational message.

**ARXML003I** **Destination {dest-name} now active for {jobname}**

**Explanation** Event Replicator Target Adapter processing for destination *dest-name* has been activated. The job name (*jobname*) of the Event Replicator Server is also given in the message.

**Action** No action is required for this informational message.

**ARXML004I** **Received {code} event for {dest-name}**

**Explanation** Event Replicator Target Adapter processing received the internal event code (*code*) listed in the message for destination *dest-name*.

**Action** No action is required for this informational message.

**ARXML005S** **Required field table information missing for subscription {subs-name}**

**Explanation** Required field table information was missing for subscription *subs-name* during Event Replicator Target Adapter processing. This information is required for building the XML messages used in Event Replicator Target Adapter processing.

**Action** Verify that you have *generated* a global format buffer (GFB) for the subscription. If you do not *generate* a global format buffer using the tools provided in the Adabas Event Replicator Subsystem or if you elect to code a GFB by hand, the required field table information is not constructed for use by the Event Replicator Target Adapter. For more information, read *Generating a GFB using the Adabas Event Replicator Subsystem*, in *Adabas Event Replicator Subsystem User Guide*.

For more information about correctly activating Event Replicator Target Adapter processing, read *Activating Event Replicator Target Adapter Processing*, in *Event Replicator Target Adapter User Guide*.

If the problem persists, contact your our support representative.

**ARXML006I** **Schema generation for {subs-name} triggered**

**Explanation** An internal schema is being generated by Event Replicator Target Adapter, based on the field information provided in subscription *subs-name*. This internal schema maps the replicated data that the Event Replicator Target Adapter then transforms and applies to your relational database.

**Action** No action is required for this informational message.

**ARXML008S** **Unsupported code page={acode}, default to CP037, Subscription={subname}, DBID={dbid}, FNR={fnr}**

**Explanation** The code page (*acode*) listed in the message for the subscription (*subname*), DBID (*dbid*), and FNR (*fnr*) is not supported.

Code page Cp037 will be used for the XML tags and as the code page identifier sent to Event Replicator Target Adapter. Event Replicator Target Adapter will process the data as if it were code page 37, so the data loaded into the RDBMS table(s) may be corrupted. This message is displayed once per combination of incompatible subscription, DBID, file, and code page values.

**Action** If use of code page Cp037 is valid, no action is required for this message.

However, if use of code page Cp037 is invalid, you will also want to verify that the data in your RDBMS table is not corrupted and correct it if it is. Then specify the correct code page in the SACODE parameter and try again.

**ARXML020I** **No Subscription Prefix Set for destination {xxxxxxxx}**

**Explanation** The DCLASSPARM NOSPRE was specified for destination *xxxxxxxx*. This indicates you do not want the subscription name to prefix the names of the tables produced by the Event Replicator Target Adapter.

**Action** No action is required for this informational message.

**ARXML021I** **Subscription Prefix = {xxxxxxxx} for destination {xxxxxxxx}**

**Explanation** The DCLASSPARM SPRE=*xxxxxxxx* was specified for destination *xxxxxxxx*. This indicates you wish to use *xxxxxxxx*, (*xxxxxxxx* is 1 to 8 characters), as the subscription name to prefix the names of the tables produced by the Event Replicator Target Adapter.

**Action** No action is required for this informational message.

**ARXML022I** **NOSPRE and SPRE are mutually exclusive**
**SPRE ( subscription prefix ) will be used for destination {xxxxxxxx}**

**Explanation** The NOSPRE and SPRE=*xxxxxxxx* parameters were both specified and are mutually exclusive. The SPRE=*xxxxxxxx* takes precedence and will be used for the destination *xxxxxxxx*.

**Action** No action is required for this informational message, unless you wish to change the option that is in effect.

**ARXML023I** **OPTIONS 32 and 128 are mutually exclusive**
**OPTIONS 32, full image on update will be used for destination {xxxxxxxx}**

**Explanation** OPTIONS 32 and 128 were both specified and are mutually exclusive. OPTIONS=32 full image on update takes precedence and will be used for the destination *xxxxxxxx*.

**Action** No action is required for this informational message, unless you wish to change the option that is in effect.

**ARXML024W** **Subscription {xxxxxxxx} optimized GFB {xxxxxxx}**
**PE group {xx} field count > PE occurrence range count**
**MU field {xx} requests occurrences equal to range count**
**All occurrences beyond range count are unavailable**

**Explanation** The Subscription *xxxxxxxx* uses optimized GFB *xxxxxxx*. This GFB contains PE group *xx* for which the PE group field count exceeds the to range value for the MU field *xx* contained within it. When the GFB/GFFT is generated any MU's contained within a PE use the to range count value to specify the MU occurrences within the PE.

E.g. if PE range count was 5 and the MU field was AB, then the GFB would request AB1C,AB1(1-N),AB2C,AB2(1-N),AB3C,AB3(1-N),AB4C,AB4(1-N), AB5C,AB5(1-N).

If the PE count field was 7 AB6C,AB6(1-N),AB7C,AB7(1-N) fields will not be in the record buffer, so if they contain values, these values will not be sent to the Event Replicator Target Adapter destination.

**Action** This is a warning message. The GFB should be regenerated using a PE to range value large enough to generate the MU *xx* fields for the largest possible number of PE occurrences.

# 46 ATM* - Adabas Transaction Manager Messages

**ATM000_FF** **NO TEXT**

**Explanation** One of the following occurred:

- an unexpected error
- an error created intentionally by zap.

**Action** If the error was unexpected, contact your our support representative.

**ATM001_20** **ADABAS VERSION NOT SUPPORTED BY ATM**

**Explanation** The Adabas Transaction Manager cannot be used with this version of Adabas.

**Action** Use a version of Adabas that ATM supports.

**ATM002_20** **ATM DATABASE OP FAILED, RSP/SUBCODE {rsp/subcode}**

**Explanation** The ATM recovery database failed to open for the reason indicated.

**Action** Correct the cause of the response code and restart the ATM transaction manager.

**ATM003_20** **UNABLE TO LOAD {module-name}**

**Explanation** The named module could not be loaded.

**Action** Ensure that the module is in a library from which it can be loaded dynamically.

**ATM005_20** **Error reading TM controls; RSP/SUB: {rsp/sub}**

**Explanation** An unexpected response code was encountered during reading of the TM controls from the configuration file.

**Action** If the cause of the error is not clear from the description of the response code, report the details to your our support representative.

**ATM007_20** **COR GROUP ALREADY HAS MANAGER: {manager}**

**Explanation** The ATM manager indicated in the message is already active locally in the local COR group. It is not possible to have more than one ATM transaction manager associated with the same COR group and executing in the same location (that is, under the same Adabas ID table, or Adabas SVC).

**Action** Do not attempt to run more than one ATM transaction manager under the same ID table and associated with the same COR group.

**ATM010_20** **GENERAL GETMAIN FAILED**

**Explanation** ATM was unable to acquire enough storage to initialize.

**Action** Increase the amount of memory available to the job and restart it.

**ATM012_20** **UNABLE TO ACQUIRE STORAGE FOR {area-name}**

**Explanation** ATM was unable to acquire enough storage for the area named.

**Action** Increase the amount of memory available to the job and restart it.

**ATM013_20** **INITIALIZATION ERROR. FUNCTION/RF: {function/rf}**

**Explanation** An error occurred during the initialization of an interface to an external transaction coordinator.

**Action** Check the documentation for the external transaction coordinator being used to determine the meaning of the return code (value *rf*). If the cause of the problem is still not apparent, contact your our support representative, noting the values of *function* and *rf*.

**ATM014_20** **RRMS LOGNAME CHECK FAILED**

**Explanation** This message relates to the initialization of the ATM interface with RRMS. The ATM node ID has changed since ATM was last used with this RRMS system.

**Action** The node ID of the Adabas System Coordinator daemon within which the ATM transaction manager is running as a service must not be changed while there are global transactions in progress. If you have changed the Node ID and are sure that there were no incomplete global transactions, you can override this initialization error using the parameter `TMRESTART=FORCE`.

**ATM015_10** **RRMS LOGNAME INCONSISTENCY OVERRIDDEN**

**Explanation** This message relates to the initialization of the ATM interface with RRMS. The node ID of the Adabas System Coordinator daemon within which the ATM transaction manager is running as a service has changed since ATM was last used with this RRMS system. However, the inconsistency was ignored because of the setting of the parameter `TMRESTART`.

**Action** None. This message is for information only.

**ATM016_20** **RRMS HAS LOST HARDENED RESTART DATA**

**Explanation** This message relates to the initialization of the ATM interface with RRMS. Because RRMS has lost some restart data, integrity cannot be guaranteed for incomplete transactions that were under the control of RRMS.

**Action** If it is not possible to recover the RRMS restart data, you can use the parameter `TMRESTART` to force the ATM transaction manager to initialize. Details of any incomplete transactions are then transferred to the STJ file and can be examined using the SYSATM application.

**ATM017_20** **FAILED TO OPEN ATMLOG. RC/RF:{rc/rf}**

**Explanation** The ATM transaction manager was unable to open the ATMLOG1 or ATMLOG2 dataset.

**Action** Check the definition of the ATMLOG1/2 datasets. If the cause of the error is not apparent, report the problem to your our support representative, noting the values of *`rc`* and *`rf`*.

**ATM018_20** **Unexpected behavior for node {dbid}**

**Explanation** The node (*`dbid`*) is expected to be an Adabas System Coordinator daemon within which an ATM transaction manager is running as a service, but its behavior is not consistent with this.

**Action** Check the indicated node.

**ATM019_20** **RRS IS NOT ACTIVE; ATM WILL WAIT AND RETRY**

**Explanation** This message relates to the initialization of the ATM interface with RRMS. Initialization cannot complete because the RRS component of RRMS is not available.

**Action** Report the problem to your systems programming staff. The ATM transaction manager cannot initialize until RRS is active again.

**ATM020_04** **RRS EXITS HAVE BEEN SET**

**Explanation** If the ATM transaction manager is started with the parameter `TMSYNCMGR=RRMS`, this message is issued when the ATM RRMS interface has been initialized.

**ATM021_08** **RRS RESTART FINISHED**

**Explanation** If the ATM transaction manager is started with the parameter `TMSYNCMGR=RRMS`, this message is issued when ATM transaction manager finishes telling RRS how to handle any transactions that previously failed to complete.

**ATM023_04** **ISN: {isn}**

**Explanation** This message is preceded by message ATM025 or ATM033. It indicates the ISN associated with the error.

**Action** Refer to the explanation of the previously issued message.

**ATM024_10** **ERROR DURING DB RESTART; ID/ERR: {dbid/error-code}**

**Explanation** The error (*error-code*) occurred during restart processing for the database (*dbid*).

**Action** Refer to the descriptions of the possible **error codes**. If the cause of the error is not clear, report the details to your our support representative, noting the values of the variables.

**ATM025_10** **ERROR IN ATM RESTART; ID/RSP/SUB/CMD: {dbid/rsp/sub/cmd}**

**Explanation** An unexpected response code (*rsp*) was encountered during restart processing for the ATM transaction manager (*dbid*). The response code, subcode (*sub*), and command code (*cmd*) are provided. An ATM023 message may follow, providing an associated ISN.

**Action** If the cause of the error is not clear from the description of the response code, report the details to your our support representative, noting the values of the variables.

**ATM026_10** **ERROR DURING ATM RESTART; ID/ERR: {dbid/error-code}**

**Explanation** The error (*error-code*) occurred during restart processing for the partner ATM transaction manager (*dbid*).

**Action** Refer to the descriptions of the possible **error codes**. If the cause of the error is not clear, report the details to your our support representative, noting the values for the variables.

**ATM027_10** **ATM RESTART. MAX PARTNERS EXCEEDED. USER {userid}**

**Explanation** The maximum number of partner ATM transaction managers indicated by the parameter `TMNODES` is not sufficient to perform restart processing for incomplete transactions.

The error occurred while ATM was attempting restart processing for the user whose Client ID is *userid*. This message is followed by an ATM087 message providing the user's 28-byte Communication ID.

The transaction manager continues to execute, but cannot complete restart processing for transactions affected by the error.

**Action** Set the `TMNODES` parameter and restart the ATM transaction manager.

**ATM028_10** **DB RESTART. MAX TARGETS EXCEEDED. USER {userid}**

**Explanation** ATM is unable to perform restart processing for an incomplete transaction because the number of databases involved in the transaction exceeds the maximum possible.

The error was detected while ATM was attempting restart processing for the user whose Client ID is *userid*. This message is followed by an ATM087 message providing the user's 28-byte Communication ID.

The transaction manager continues to execute, but cannot complete restart processing for transactions affected by the error.

**Action** Contact your our support representative.

**ATM029_10** **PARTNER/DB RESTART ABORTED; ID/ERR: {dbid/error-code}**

**Explanation** The error indicated occurred during restart processing associated with the database or ATM identified by *dbid*.

The transaction manager continues to execute, but cannot complete restart processing for transactions affected by this error.

**Action** Refer to the descriptions of the possible **error codes**. If the cause of the error is not apparent, report the details to your our support representative, noting the error code.

**ATM030_10** **ERROR DURING TRAN RESTART; ID/ERR//COMMID: {dbid/error-code}**

**Explanation** The error indicated occurred during restart processing for an incomplete transaction. The database associated with the error is identified by *dbid*.

The message is followed by an ATM032 message giving the Client ID of the transaction's owner, and an ATM087 message giving the user's 28-byte Communication ID.

**Action** Refer to the descriptions of the possible **error codes**. If the cause of the error is not apparent, report the details to your our support representative, noting the error code.

**ATM031_10** **ERROR DURING BRANCH RESYNC; ID/ERR//COMMID: {dbid/error-code}**

**Explanation** The error indicated occurred while ATM was attempting to synchronize restart for an incomplete transaction branch with a partner ATM transaction manager. The partner transaction manager associated with the error is identified by *dbid*.

The message will be followed by an ATM032 message giving the Client ID of the transaction's owner, and an ATM087 message giving the user's 28-byte Communication ID.

**Action** Refer to the descriptions of the possible **error codes**. If the cause of the error is not apparent, report the details to your our support representative, noting the error code.

**ATM032_10** **RESTART ERROR FOR USER {userid}**

**Explanation** This message refers to a previous error message and gives the Client ID of the user associated with the previous error.

**Action** Refer to details for the preceding message.

**ATM033_10** **ERROR DURING DB RESTART; ID/RSP/SUB/CMD: {dbid/rsp/sub/cmd}**

**Explanation** An unexpected response code was encountered during restart processing for database *dbid*. The response code, subcode, and command code are provided. An ATM023 message may follow, providing an associated ISN.

**Action** If the cause of the error is not clear from the description of the response code, report the details to your our support representative, noting the value of the variables.

**ATM034_10** **Register failure for {xxxxx}: DB/rsp/sub/RC: {dbid/rsp/sub/cmd}**

**Explanation** An unexpected condition was encountered when the transaction manager attempted to register an event with the SYSCO daemon. The type of event is identified by *xxxxx*.

**Action** Please contact your our support representative, noting the values of the variables given in the message.

**ATM036_08** **Transaction Manager initialization started**

**Explanation** This message appears during the initialization of an ATM transaction manager, and indicates that initialization of the transaction manager's environment has started.

**Action** None. This message is for information only.

**ATM037_08** **COR GROUP/DAEMON: {group/jobname}**

**Explanation** This message is issued by an ATM transaction manager at the end of its initialization process. It identifies the Adabas System Coordinator group that the transaction manager is associated with, and the job name of it's COR daemon.

**Action** None. This message is for information only.

**ATM038_00** **FURTHER RESTART ERROR MESSAGES WILL BE SUPPRESSED**

**Explanation** This message is issued during ATM restart when the transaction manager has issued 100 error messages. It indicates that any further errors encountered during the restart process will be suppressed.

**Action** None. This message is for information only.

**ATM039_04** **TRANSACTION RESTART NOT POSSIBLE FOR DB {dbid}**

**Explanation** This message is preceded by message ATM025. It indicates that serious errors prevent the transaction manager from restarting affected transactions.

**Action** Correct the error reported in the ATM025 message; then restart the database indicated in the message.

**ATM040_00** **TRANSACTION RESTART DEFERRED FOR INACTIVE DB {dbid}**

**Explanation** This message might be issued during an transaction manager's restart processing. Incomplete transactions exist that involve the database indicated. It is not possible for the transaction manager to resolve them because the database is not available.

**Action** This message is for information only. Restart processing for such transactions occurs when the indicated database is restarted.

**ATM041_00** **TRANSACTION RESTART DEFERRED FOR INACTIVE NODE {dbid}**

**Explanation** This message might be issued during an transaction manager's restart processing. Incomplete transactions exist that involve the partner transaction manager indicated by *dbid*. It is not possible for the TM to resolve them because the partner TM is not active.

**Action** This message is for information only. Restart processing for such transactions occurs when the indicated TM is restarted.

**ATM042_10** **NUMBER OF WARNING MESSAGES SUPPRESSED: {count}**

**Explanation** This message is issued by an ATM transaction manager at the end of restart processing if the number of error messages during restart processing exceeded 100.

**Action** This message is for information only.

**ATM043_04** **TRANSACTIONS COMPLETED DURING RESTART: {count}**

**Explanation** This message is issued by an ATM transaction manager at the end of restart processing. It indicates the number of previously incomplete transactions that were completed (by completing the commit process) during ATM restart processing.

**Action** This message is for information only.

**ATM044_04** **TRANSACTIONS BACKED OUT DURING RESTART: {count}**

**Explanation** This message is issued by an ATM transaction manager at the end of restart processing. It indicates the number of previously incomplete transactions that were backed out during ATM restart processing.

**Action** This message is for information only.

**ATM045_04** **TRANS/BRANCHES PENDING AFTER RESTART: {count}**

**Explanation** This message is issued by an ATM transaction manager at the end of restart processing. It indicates the number of incomplete transactions or transaction branches that could not be completed or backed out during ATM restart processing, and so remain incomplete. These transactions remain incomplete until they can be completed or fully backed out.

**Note:** This message is issued before the transaction manager attempts to resynchronize incomplete transactions that are controlled by the CICS syncpoint manager or by RRS.

**Action** This message is for information only.

**ATM046_04** **TRANS/BRANCHES TRANSFERRED TO STJ: {count}**

**Explanation** This message is issued by an ATM transaction manager at the end of restart processing. It indicates the number of incomplete transactions or transaction branches that could not be completed or backed out during the daemon recovery restart processing, and that were removed and recorded in the suspect transaction journal file in the transaction manager's recovery file. The number indicated should be zero unless the `TMRESTART` parameter indicates a forced restart.

**Action** This message is for information only.

**ATM047_20** **ATM INITIALIZATION FAILED, error description**

**Explanation** A serious error prevented the transaction manager from initializing. Where possible an error description is provided to identify the cause of the error, otherwise “RC/RF” error codes are displayed.

**Action** If the reason for the failure is not clear please contact your our support representative.

**ATM048_08** **INITIALIZED, V{vers}, SESSION {sess}**

**Explanation** This message marks the successful completion of an ATM transaction manager's initialization processing. The version, release, and maintenance level of ATM are displayed, followed by the session number (sess) for this execution of the transaction manager.

**Action** This message is for information only.

**ATM049_04** **ERRORS READING RECOVERY RECORDS: {count}**

**Explanation** This message appears at the end of the transaction manager's initialization processing if any errors were encountered reading recovery records.

**Action** The message is for information only. For information about the errors encountered, refer to the error messages that precede this message.

**ATM050_20** **'SIGN-OFF' FAILED, RESPONSE CODE {rsp}**

**Explanation** This message can appear during the closedown process of a nucleus that was running with `DTP=RM`. It indicates that the nucleus called the local ATM transaction manager to notify it of the closedown, but the command failed with response code *rsp*.

**Action** Nucleus termination will continue. Any incomplete global transactions will be resynchronized when the nucleus next communicates with the ATM transaction manager.

**ATM051_20** **'SIGN-OFF' FAILED, ERROR CODE {error-code}**

**Explanation** This message can appear during the closedown process of a nucleus that was running with `DTP=RM`. It indicates that the nucleus called the local ATM transaction manager to notify it of the closedown, but ATM returned the error-code *error-code*.

**Action** Check the meaning of the given error code, to see if ATM needs any corrective action. Nucleus termination will continue. Any incomplete global transactions will be resynchronized when the nucleus next communicates with the transaction manager.

**ATM052_20** **PROTOCOL ERROR. ATM NOT INITIALIZED.**

**Explanation** This message is issued if an ATM transaction manager receives an operator command before it has completed its initialization processing.

**Action** Wait, and re-issue the command later.

**ATM054_20** **HANDSHAKE ERROR; ID/RSP/SUB/CMD: {dbid/rsp/sub/cmd}**

**Explanation** An error occurred while the transaction manager was trying to handshake with the partner transaction manager identified by *dbid*. The error was an unexpected Adabas response code (*rsp*). The subcode (*sub*) and command code (*cmd*) are provided.

**Action** If the cause of the error is not clear from the description of the response code, report the details to your our support representative, noting the values of the variables.

**ATM055_20** **HANDSHAKE ERROR; ERR/QERR: {error-code/queue-error}**

**Explanation** An error occurred while the transaction manager was attempting to handshake with a partner transaction manager. The error code and, if applicable, a queue management error are provided.

**Action** Refer to the descriptions of the possible **error codes**. If the cause of the error is not apparent, report the details to your our support representative, noting the error code.

**ATM057_10** **NO FREE SLOTS IN {queue-area}**

**Explanation** The indicated queue area is full.

**Action** Increase the relevant parameter and restart the Transaction Manager. If the indicated queue area has no associated runtime parameter, the error was most likely caused by shortage of memory. In this case, increase the amount of memory available to the Transaction Manager and restart it.

**ATM058_10** **MIXED TRANSACTION STATUS/RESULT REPORTED BY ATM {dbid}**

**Explanation** The transaction manager was attempting restart processing for incomplete transactions involving the partner transaction manager *dbid*, which was restarting. The partner transaction manager reported an inconsistent transaction status (partly committed, partly backed out). Subsequent messages identify the owner of the transaction.

Likely causes include the following:

- Some Adabas nucleus heuristically terminated its part of a global transaction.
- Some ATM transaction manager was started with `TMRESTART={FORCE | FORCEALL}`.
- A transaction branch was forcibly terminated on request from an online services user or operator.
- Some database was restored to a status that is inconsistent with the status of other databases in the network.
- Pending restart information in some database was discarded (for example, by formatting Work or by starting with `ADARUN IGNDTP=YES`).

**Action** In some of the above cases, details of the transaction (branch) might be found in an ATM transaction manager's suspect transaction journal (STJ) file. Otherwise, use Online Services or application-specific checks to determine the status of the transaction.

**ATM059_10** **MIXED TRANSACTION STATUS/RESULT; DBID {dbid}**

**Explanation** ATM was attempting restart processing for incomplete transactions involving the indicated database *dbid*, which was restarting. The transaction manager detected an inconsistent transaction status (partly committed, partly backed out). Refer to message ATM058 for likely causes.

**Action** Use Online Services or application-specific checks to determine the status of the transaction.

**ATM060_10** **CONFLICTING TRANSACTION STATUS REPORTED BY ATM/DB {dbid}**

**Explanation** ATM was attempting restart processing for incomplete transactions involving the partner ATM transaction manager or database indicated by *dbid*, which was restarting. The ATM transaction manager detected an inconsistent or unknown transaction identifier (XID). Subsequent messages provide further information.

**Action** Use Online Services or application-specific checks to determine the status of the transaction.

**ATM061_10** **MIXED TRANSACTION STATUS FOR USER {userid}**

**Explanation** This message indicates the Client ID of the owner of the transaction associated with a previous ATM058 or ATM059 message.

**Action** Refer to the explanation of the preceding message.

**ATM062_10** **CONFLICTING TRANSACTION STATUS FOR USER {userid}**

**Explanation** This message indicates the Client ID of the owner of the transaction associated with a previous ATM060 message.

**Action** Refer to the explanation of the preceding message.

**ATM063_10** **ERROR UPDATING PRR; RSP/SUB/CMD: {rsp/sub/cmd}**

**Explanation** The ATM transaction manager received an unexpected response code while attempting to update a recovery record in its recovery file. The message gives the response code (*rsp*), subcode (*sub*), and command code (*cmd*).

**Action** If the cause of the error is not clear from the description of the response code, report the details to your our support representative, noting the values of the variables.

**ATM064_10** **ERROR UPDATING PRR; ERR: {error-code}**

**Explanation** The ATM transaction manager encountered the indicated error code while attempting to update a recovery record in its recovery file.

**Action** Refer to the descriptions of the possible **error codes**. If the cause of the error is not apparent, report the details to your our support representative, noting the error code.

**ATM067_10** **UNSUPPORTED FUNCTION**

**Explanation** The transaction manager received a function call that is not valid.

**Action** Contact your our support representative.

**ATM068_04** **QUIESCING TRANSACTIONS FOR DB {dbid}**

**Explanation** The transaction manager is attempting to complete (commit or back out) all active global transactions that involve the indicated database in response to

- a request from an Online Services user; or
- an `ADAEND` command issued to the indicated database.

**Action** This message is for information only.

**ATM069_10** **TRANSACTIONS CANNOT BE QUIESCED. DB/ERR: {dbid/err}**

**Explanation** The indicated error occurred while the transaction manager was trying to quiesce transactions involving database *dbid*. As a result, ATM was unable to complete one or more transactions.

**Action** Refer to the descriptions of the possible **error codes**. If the appropriate action is not clear, contact your our support representative.

**ATM070_10** **LOCAL TRAN(S) STILL IN DOUBT ON DB {dbid}**

**Explanation** ATM attempted to complete (commit or back out) all active global transactions that involve the indicated database, but at the end of the process, at least one transaction or transaction branch involving the database remained active.

**Action** This message may be preceded or followed by messages requiring action. If so, refer to the explanations of those messages.

**ATM071_10** **FOLLOWING TMS IN ERROR: {id-list}**

**Explanation** While the ATM transaction manager was attempting to quiesce transactions on a database, it asked one or more partner managers to do the same, but one or more of them returned an unexpected error. The message lists up to four partner transaction managers that failed to carry out its request.

**Action** Use Online Services to check the status of the indicated ATM nodes and, if necessary, to quiesce each transaction manager's transactions for the required database.

**ATM072_10** **HEURISTIC TERMINATIONS MAY RESULT**

**Explanation** This message is preceded by message ATM068 and one or more of the messages ATM069, ATM070, and ATM071.

The database indicated in message ATM068 received an ADAEND command and asked ATM to quiesce its global transactions. At the end of the process, at least one transaction or transaction branch involving the database remained active.

Any such transaction or transaction branch is heuristically terminated when its TT time limit expires, which could result in mixed completion of the related global transactions.

**Action** This message warns of the impending loss of global transaction integrity for those global transactions that are still active.

Use Online Services to identify the transactions that could not be quiesced.

Any transaction that remains active when its TT time limit expires is heuristically committed. To prevent this, if appropriate, use Online Services to forcibly back out any such transaction.

**ATM073_10** **DB ACTIVITY NOT QUIESCED. CHECK ATM MANAGER {nodeid}**

**Explanation** A DTP=RM nucleus that received an ADAEND command requested the transaction manager with the indicated Node ID to quiesce its global transactions. The request failed.

**Action** Check that the indicated transaction manager is active, and check for error messages issued by it. Use Online Services to ask the transaction manager to quiesce transactions on the database.

**ATM074_10** **RRMS REPORTED ERROR. FNC/RF/COMMID: {fnc/rf/comm-id}**

**Explanation** A problem was encountered with a transaction that is (or should be) under the control of RRMS. The RRMS function in error and its return code (values *fnc* and *rf*) are provided, together with the 28-byte Communications ID of the user who owns the transaction.

**Action** Check the RRMS documentation to determine the meaning of the return code (value "rf"). If the cause of the problem is still not apparent, contact your our support representative, noting the values of "fnc" and "rf".

**ATM075_10** **RRMS REPORTED EXIT MANAGER UNAVAILABLE**

**Explanation** ATM is interfacing to RRMS and has been notified that one of the RRMS exit managers has become unavailable. ATM continues to interface to RRMS once the exit manager has restarted.

**Action** Report the problem to your systems programming staff.

**ATM076_10** **RRMS REPORTED EXITS UNSET. REASON: {rrrr}**

**Explanation** ATM is interfacing to RRMS and has been notified that its exits have become unavailable.

**Action** Check the console log for other messages that may indicate the cause of the problem. Check the RRMS documentation to determine the meaning of the reason code (value *rrrr*). If possible, correct the problem and restart ATM. If the cause of the problem is not apparent, contact your our support representative, noting the value of *rrrr*.

**ATM077_10** **RRS EXIT FAILED. X: {xx} R: {rr} AB: {aaaaaaaa} ABR: {nnnnnnnn}**

**Explanation** ATM is interfacing to RRMS and an error has occurred in one of its exit routines. The message details the exit number (*xx*), failure reason (*rr*), ABEND code (*aaaaaaaa*) and reason code (*nnnnnnnn*).

**Action** If the cause of the problem is not apparent from the details of the message, contact your our support representative, noting all the values given in the message.

**ATM078_10** **EXTERNALLY-OWNED TRANSACTION INCOMPLETE. DB/TC: {ddddd/cccc}**

**Explanation** A database is trying to shut down in response to an `ADAEND` command; the ATM transaction manager has been asked to quiesce any transactions that involve the database, but has been unable to complete the process because at least one of those incomplete transactions is under the control of an external transaction coordinator. The database will not shut down until all global transactions are completed or backed out. The message identifies the database that is being shut down (value *ddddd*) and the external transaction coordinator (value *cccc*).

**Action** Use the facilities of the external transaction coordinator to force the completion or removal of the incomplete transactions. The transactions can be identified by the Online Services application.

**ATM080_08** **'STOP ALL USERS' REQUESTED BY USER {userid}**

**Explanation** An Online Services user issued a "stop all transactions" request. The *userid* is the last 8 bytes of the user's Communication ID.

**Action** This message is for information and audit purposes only.

**ATM081_08** **'FORCE STOP ALL USERS' REQUESTED BY USER {userid}**

**Explanation** An Online Services user issued a "force stop all transactions" request. The *userid* is the last 8 bytes of the client session's Communication ID.

**Action** This message is for information and audit purposes only.

**ATM082_08** **SELECTIVE MASS STOP USERS REQUESTED BY USER {userid}**

**Explanation** An Online Services user issued a selective mass “stop transactions” request. The *userid* is the last 8 bytes of the user’s Communication ID.

**Action** This message is for information and audit purposes only.

**ATM083_08** **FORCED SELECTIVE MASS STOP USERS REQUESTED BY USER {userid}**

**Explanation** An Online Services user issued a "forced selective mass stop transactions" request. The *userid* is the last 8 bytes of the user’s Communication ID.

**Action** This message is for information and audit purposes only.

**ATM084_10** **TRANSACTION BRANCH FORCIBLY COMPLETED. COMMID: {commid}**

**Explanation** In response to a "forced stop transactions" request from an Online Services user, ATM forced completion of the local branch of the transaction belonging to the client whose ID appears in the following ATM087 message. If the transaction had previously been prepared, ATM committed the branch; otherwise, ATM backed out the branch.

**Action** This message is for information and audit purposes only.

**ATM085_10** **TRANSACTION DETAILS TRANSFERRED TO JOURNAL. COMMID: {commid}**

**Explanation** In response to a "forced stop transactions" request from an Online Services user, the ATM transaction manager purged the transaction (branch) belonging to the client whose ID appears in the following ATM087 message. Details of the transaction (branch) can be found in the ATM suspect transaction journal file.

**Action** This message is for information and audit purposes only.

**ATM086_10** **RECOVERY RECORD DELETED FOR COMMID: {commid}**

**Explanation** In response to a request from an Online Services user, the ATM transaction manager purged from its recovery file, recovery information relating to the client whose ID appears in the following ATM087 message.

**Action** This message is for information and audit purposes only.

**ATM087_10** **{commid}**

**Explanation** This message relates to the message(s) immediately preceding it, and gives the 28-byte Communication ID (*commid*) of the client session associated with the earlier message(s).

**Action** Refer to the explanation of preceding message(s).

**ATM088_10** **ERROR TRANSFERRING TO STJ**

**Explanation** This message might be issued during forced restart of an ATM transaction manager, and indicates that a transaction that could not be completed could not be moved to the suspect transaction journal file. Subsequent messages provide more details of the error.

**Action** Refer to explanation of following message(s).

**ATM089_10** **DATA TRANSFERRED TO STJ FOR USER {userid}**

**Explanation** This message might be issued during forced restart of an ATM transaction manager, and indicates that a transaction that could not be completed has been moved to the suspect transaction journal file. The *userid* is the Client ID of the transaction's owner.

**Action** This message is for information and audit purposes only.

**ATM090_04** **FORCED PRR DELETION REQUESTED BY USER {userid}**

**Explanation** The specified user forcibly deleted a recovery record from the ATM transaction manager's recovery file using the Online Services application. The *userid* is the last 8 bytes of the user's Communication ID.

**Action** The message is for information and audit purposes only.

**ATM091_04** **PRR DELETION FOR COMMID:**

**Explanation** A recovery record was deleted from the ATM transaction manager's recovery file using the Online Services application. The Communication ID of the associated user is reported in an ATM087 message immediately after the ATM091 message.

**Action** The message is for information only.

**ATM092_10** **URID: {urid}**

**Explanation** This messages relates to the ATM136 message that immediately precedes it. It identifies the URID of the CICS unit of work that the ATM136 message relates to.

**Action** Refer to the explanation of the ATM136 message.

**ATM095_08** **COMMAND NOT RECOGNIZED**

**Explanation** An invalid operator command was entered.

**Action** Issue the command correctly.

**ATM099_08** **ATM CLOSEDOWN REQUESTED**

**Explanation** The operator entered the command `ATM END`.

**Action** This message is for information only.

**ATM100_08** **ATM IMMEDIATE CLOSEDOWN REQUESTED**

**Explanation** The operator entered the command `ATM HALT`.

**Action** This message is for information only.

**ATM101_08** **ATM CLOSEDOWN PROCESS STARTED**

**Explanation** The transaction manager is in the process of closing down.

**Action** This message is for information only.

**ATM102_10** **DB CLOSEDOWN ERROR; ID/RSP/SUB/RC: {dbid/rsp/subcode/rc}**

**Explanation** An `ADAEND` command was entered for the database *`dbid`*, but the transaction manager encountered an unexpected condition during the close-down sequence. Either a response code and subcode will be given (*`rsp/subcode`*), or an ATM error code (*`rc`*).

**Action** Refer to the description of the Adabas response code or the ATM error code. If the appropriate action is not clear, contact your our support representative.

**ATM103_08** **TM END PENDING, INCOMPLETE TRANSACTIONS REMAIN**

**Explanation** An `ATM END` operator command was issued but the transaction manager is unable to close down immediately because of incomplete global transactions. Under these circumstances, ATM103 messages are issued for the first five of these incomplete transactions, each message displaying the client's job-name, job-number and last 8 bytes of the communication ID. These messages are repeated at 60 second intervals until the transactions are completed and close down occurs.

**Action** Wait for the incomplete transactions to be resolved, or use the `ATM HALT` command to cause the transaction manager to terminate immediately, leaving the incomplete transactions to be resolved the next time it is activated.

**ATM104_10** **MEMORY SHORTAGE; ADAEND PROTOCOL MIGHT BE AFFECTED**

**Explanation** This messages can appear when a `DTP=RM` database is started. It indicates that certain memory areas could not be acquired. Database processing should not be affected by this condition. However, there is a possibility that the closedown protocol that happens when `ADAEND` is issued to the database will not proceed as normal; this could increase the risk of heuristically terminated transactions.

**Action** Make more memory available to the database job and restart it.

**ATM105_08** **ATM closedown process ended**

**Explanation** The transaction manager has finished its closedown process.

**Action** This message is for information only.

**ATM106_04** **Adabas RM {dbid} connection, type Peer TM {nodeid} connection**

**Explanation** This message is issued by a transaction manager approximately five minutes after start-up and hourly thereafter. It displays a list of known databases (*dbid*) and peer transaction managers (*nodeid*). A DTP=RM database is identified by the characters "RM" and the connection type may be one of the following:

Local – the database is within the scope of the System Coordinator group name and is local to this transaction manager.

Remote – the database is within the scope of the System Coordinator group name and is remote to this transaction manager

External - the database is not within the scope of the System Coordinator group name.

**Action** This message is for information only.

**ATM110_04** **SESSION STATISTICS:**

**Explanation** This message is issued during transaction manager termination. Statistical messages follow.

**Action** This message is for information only.

**ATM119_04** **STATISTICS HAVE BEEN RESET**

**Explanation** This message is issued when the transaction manager's statistics are reset to zero, in response to an `ATM RSTAT` operator command or an equivalent request from an Online Services user.

**Action** This message is for information only.

**ATM120_04** **DB {dbid} waiting for Transaction Manager connection**

**Explanation** This message is issued by a `DTP=RM` database that is initializing. The nucleus is required to connect to the local Transaction Manager for distributed transaction processing which has not yet occurred, initialization continues but participation in distributed transactions is not yet possible.

**Note:** In the case of a `DTP=RM` nucleus which is part of an Adabas Parallel Services cluster or an Adabas Cluster Services cluster, the message gives the ID of the nucleus, not the database number of the cluster, and begins, `NC dbid waiting for ....`

**Action** This message is for information only, connection will occur automatically when the TM is ready.

**ATM121_10** **DB {dbid} ATM82 (and above) - TM now runs in COR Daemon, DB {dbid} Normal termination of this node is scheduled**

**Explanation** This message is issued when a database is started with `ADARUN DTP=TM`. This method of identifying a Transaction Manager is no longer applicable, it is only required for previous releases of ATM. The database will terminate normally.

**Action** Review the installation procedure for the correct way to install the Transaction Manager so that is runs in the Adabas System Coordinator daemon.

**ATM122_20** **DTP {operation} FAILED, DB/TM/RSP/SUB/RC: {dbid/tmid/rsp/sub/rc }**

**Explanation** This message can be issued by a database for which the ADARUN parameter `DTP=RM` was specified, or by the ATM transaction manager. It can appear during an attempt to sign a database on to a transaction manager for distributed transaction processing, or to sign the database off, as indicated by *operation*. "Sign-on" can happen during initialization of a transaction manager or when the database is started. "Sign-off" happens when the database is terminated. The message indicates that an unexpected condition was detected. It includes the *dbid* of the database, the node ID (*tmid*) of the transaction manager, and might also contain a response code (*rsp*), subcode (*sub*) and return code (*rc*) for the error.

**Action** If this message indicates sign-on and is followed by an ATM124 message from the database identified in the message detail, this indicates that the error condition was transient, and that the DTP sign-on has now taken place. If there is no ATM124 message, and if the cause of the error is not clear from the description of the response code, subcode and return code, report the details to your our support representative, noting the values of the variables in the message. If the message indicates sign-off, it is given for information only.

**ATM124_04** **DB {dbid} connected with Transaction Manager node {nodeid}**

**Explanation** This message is issued by a `DTP=RM` database or, a `DTP=RM` nucleus which is part of an Adabas Cluster Services or Adabas Parallel Services cluster, when it has connected with a Transaction Manager (*nodeid*).

Under normal circumstances this message will be preceded by an ATM129 message.

**Note:** In the case of a `DTP=RM` nucleus which is part of an Adabas Cluster Services or Adabas Parallel Services cluster, the message gives the ID of the nucleus, not the database number of the cluster, and begins, *Nc dbid* `connected with ....`

**Action** This message is for information only.

**ATM125_10** **ATM NOT ACTIVE. ADAEND CANNOT COMPLETE.**

**Explanation** An ADAEND command was entered for database *dbid*, but the normal process of quiescing open transactions could not occur because the transaction manager was not active. The database does not close down.

**Action** Activate the transaction manager and use the Online Services application to quiesce any open transactions on the database. When you are sure that all global transactions involving the database have been completed or backed out, you can close down the database with a HALT command.

**Caution:** If you issue a HALT command while there are incomplete global transactions, the integrity of those transactions can no longer be guaranteed.

**ATM126_04** **RM disconnected — no unresolved transactions: {dbid}**

**Explanation** The ATM transaction manager issues this message when a DTP=RM database identified by *dbid* terminates with no outstanding transactions involving the database. If the terminating database is part of an Adabas Parallel Services or Adabas Cluster Services cluster, the value *dbid* might have the form Nuc *nnnnn*, where *nnnnn* is the ID of the terminating nucleus.

**Action** This message is for information only.

**ATM127_04** **RM disconnected — unprepared transactions remaining: {dbid}**

**Explanation** The ATM transaction manager issues this message when a DTP=RM database identified by *dbid* terminates with outstanding unprepared transactions involving the database. If the terminating database is part of an Adabas Parallel Services or Adabas Cluster Services cluster, the value *dbid* might have the form Nuc *nnnnn*, where *nnnnn* is the ID of the terminating nucleus.

**Action** This message is for information only.

**ATM128_04** **RM disconnected — prepared transactions remaining: {dbid}**

**Explanation** The ATM transaction manager issues this message when a DTP=RM database (*dbid*) terminates with outstanding prepared transactions involving the database. If the terminating database is part of an Adabas Parallel Services or Adabas Cluster Services cluster, the value *dbid* might have the form Nuc *nnnnn*, where *nnnnn* is the ID of the terminating nucleus.

**Action** In the case of a normal database, restart the database with DTP=RM. If the message identifies a nucleus within an Adabas Parallel Services or Adabas Cluster Services cluster, and there is another nucleus in the cluster which is still executing, no action is necessary; otherwise, restart a member of the cluster, with DTP=RM.

**Caution:** If the database is started with DTP=NO, data integrity cannot be guaranteed.

**ATM129_04** **DB {dbid} connecting with Transaction Manager node {nodeid}**

**Explanation** This message is issued by a DTP=RM database or, a DTP=RM nucleus which is part of an Adabas Cluster Services or Adabas Parallel Services cluster, when it is connecting with a Transaction Manager (*nodeid*).

Under normal circumstances this message will be followed by an ATM124 message.

**Note:** In the case of a DTP=RM nucleus which is part of an Adabas Cluster Services or Adabas Parallel Services cluster, the message gives the ID of the nucleus, not the database number of the cluster, and begins, *Nc dbid* connecting with ....

**Action** This message is for information only.

**ATM130_20** **ATM PROXY INITIALIZATION FAILED**

**Explanation** This message can be issued by a job or TP system for which the client runtime control ATM=ON has been specified. It indicates a fatal error which prevented the ATM client proxy from initializing.

**Action** Check for earlier messages which might indicate the reason for the failure. If the cause of the error is not clear, contact your Software GmbH support representative.

**ATM131_10** **RMI RESYNC ERROR. SYS/RC/RC2 {sys/rc/rc2}**

**Explanation** An error occurred during the synchronization process that takes place during ATM or CICS restart when the CICS Resource Manager Interface is in use. The message provides the System ID of the CICS system (value *sys*), a CICS or ATM error code (value *rc*), and possibly a secondary return code or Adabas response code (value *rc2*).

**Action** Refer to the descriptions of the possible **error codes**. If possible, correct the error and restart the ATM transaction manager; otherwise report the details to your our support representative.

**ATM132_10** **RMI RESYNC ERROR. SYS/CD/RSP {sys/cd/rsp}**

**Explanation** An error occurred during the synchronization process that takes place during ATM or CICS restart when the CICS Resource Manager Interface is in use. The message provides the System ID of the CICS system (value *sys*), a CICS command or function name (value *cd*), and CICS response code (value *rsp*).

**Action** Refer to the CICS documentation for an explanation of the error condition. If possible, correct the error and restart CICS; otherwise report the details to your our support representative.

**ATM133_10** **RMI SYNCPOINT ERROR. URID {urid}**

**Explanation** An error occurred during syncpoint processing of a transaction that was under the control of the CICS syncpoint manager. The CICS Unit-of-Recovery ID (value *urid*) belonging to the transaction is displayed.

**Action** This message is followed by message ATM134, which gives more information about the error.

**ATM134_10** **RMI SYNCPOINT ERROR. SYS/RC/RSP {sys/rc/rsp}**

**Explanation** This message follows message ATM133 and provides details of an error that occurred during syncpoint processing under the control of the CICS syncpoint manager. The message provides the System ID of the CICS system (value *sys*), an ATM error code (value *rc*), and, depending on the ATM error code, a CICS or Adabas response code (value *rsp*).

**Action** Refer to the relevant documentation for an explanation of the error condition. If the cause is not then apparent, report the details to your our support representative.

**ATM135_10** **RMI RESYNC ERROR. APP/CD/RSP {app/cd/rsp}**

**Explanation** An error occurred during the synchronization process that takes place during ATM or CICS restart when the CICS Resource Manager Interface is in use. The message provides the Application ID of the CICS system (value *app*), a CICS command or function name (value *cd*), and an error code (value *rsp*). If the error code begins with the character "R", the remaining digits are an ATM error code; otherwise the value of *rsp* is a CICS response code.

**Action** Refer to **ATM error codes** or to the CICS documentation, as appropriate, for an explanation of the error condition. If possible, correct the error and restart CICS and, if necessary, the ATM transaction manager; otherwise report the details to your Software GmbH support representative.

**ATM136_10** **RMI RESYNC ERROR. APP/RC {app/rc}**

**Explanation** An error occurred during the synchronization process that takes place during ATM or CICS restart when the CICS Resource Manager Interface is in use. The message provides the Application ID of the CICS system (value *app*) and an ATM error code (value *rc*). This message may be followed by an ATM092 message indicating the URID of the CICS unit of work for which the error occurred.

**Action** Refer to the descriptions of the possible **error codes**. If possible, correct the error and restart the ATM transaction manager; otherwise report the details to your our support representative.

**ATM137_10** **EXCI COMMAREA COULD NOT BE ADDRESSED**

**Explanation** An internal error occurred during the synchronization process that takes place during ATM restart when the CICS Resource Manager Interface is in use.

**Action** Report the error to your our support representative. You may bypass the problem by restarting your CICS systems after the ATM transaction manager has initialized.

**ATM138_10** **RMI RESYNC ISSUED. SYS {sys}**

**Explanation** This message can appear during restart of an ATM transaction manager or a CICS system in an environment in which some transactions are controlled by the CICS Syncpoint Manager. It indicates that resynchronization processing will be carried out for incomplete transactions controlled by the CICS system with the System ID *sys*.

**Action** This message is for information only.

**ATM139_10** **RMI resync complete. Sys {sys}**

**Explanation** This message appears in an environment in which some transactions are controlled by the CICS Syncpoint Manager. The message follows restart of an ATM transaction manager or a CICS system and indicates that the synchronization process has executed for incomplete transactions controlled by the CICS system with the System ID *sys*.

**Action** This message does not necessarily indicate that every incomplete transaction was resolved satisfactorily. Check the console log for other messages which might indicate a problem.

**ATM140_10** **ATM PROXY DETECTED {cmd} DB {dbid} RSP {rsp} AD2 Xadditions-2**

**Explanation** This message is issued by the ATM client proxy for the first ATM-related error incurred by each client session. The message can include a command code, Database ID, response code and Additions-2 data, providing further information about the error. This message is followed by ATM087 messages which give the 28-byte Communication ID of the client session, first in character form, and then in hexadecimal.

**Action** Check the meaning of the indicated response code and Additions-2 data. If the cause of the error is not apparent, contact your our support representative, noting all the values given in the message.

**ATM141_04** **DTP DISABLED FOR THIS JOB BY RUNTIME CONTROL**

**Explanation** This message is issued by the ATM client proxy. It indicates that client sessions executing within this job have been exempted from distributed transaction processing by the setting of a client runtime control.

**Action** This message is for information only.

**ATM144_08** **SYSTEM COORDINATOR GROUP NAME NOT SPECIFIED**

**Explanation** This message can be issued by a client job. It indicates that the ATM client runtime controls in effect for this job do not include the name of an Adabas System Coordinator Group. ATM processing will not be activated for the job.

**Action** Use the Online Services application to specify the name of the System Coordinator Group in which the job will execute.

**ATM160_10** **SYSCO DAEMON ERROR; ID/RSP/SUB/FNC/SBF/ERR: {id/rsp/sub/fnc/sbf/err}**

**Explanation** This message can appear during restart of an ATM transaction manager. It indicates that a call to an Adabas System Coordinator daemon returned an unexpected result. The message will include at least some of the following: the Node ID (*id*) of the Adabas System Coordinator daemon, the response code (*rsp*) and subcode (*sub*) returned by the Adabas System Coordinator daemon, the function and subfunction codes of the call (*fnc* and *sbf*), and an error code (*err*).

**Action** If the cause of the error is not apparent from the description and content of the message, contact your our support representative.

**ATM163_04** **ERROR DELETING PER; RSP/SUB/CMD: {rsp/sub/cmd}**

**Explanation** This message indicates that an error occurred while deleting a Persistent Error Record. The message contains the following diagnostic information: a response code and subcode (*rsp* and *sub*) and a command code (*cmd*).

**Action** If the cause of the error is not apparent from the description and content of the message, contact your our support representative.

**ATM164_04** **ERROR DELETING PER; ERR: {err}**

**Explanation** This message indicates that an error occurred while deleting a Persistent Error Record. The message contains an ATM error code (*err*).

**Action** If the cause of the error is not apparent from the description and content of the message, contact your our support representative.

**ATM167_10** **MTR PROCESSING ERROR; ID/ERR/RSP/SUB/CMD: {id/err/rsp/sub/cmd}**

**Explanation** This message indicates that an error occurred while processing a migrated transaction record in an Adabas Cluster Services or Parallel Services environment. The message will contain at least some of the following diagnostic information: a database or Node ID (*id*), an error code (*err*), a response code and subcode (*rsp* and *sub*) and a command code (*cmd*). The user's transaction is backed out, and a pending response code 9 (ADARSP009), subcode 77 is set.

**Action** If the cause of the error is not apparent from the description and content of the message, contact your our support representative.

**ATM168_10** **CLIENT MIGRATED, BUT NO MTR FILE DEFINED**

**Explanation** This message indicates that a client session that had an open transaction has been migrated from one node to another within a cluster (for example, CICSplex), but ATM cannot handle this session's transaction safely because no Migrated Transaction Record (MTR) file has been defined. The transaction is backed out, and a pending response code 9 (ADARSP009), subcode 77 is set.

**Action** Define and create an MTR file, and restart the ATM transaction managers and clustered application environments in the COR group.

**ATM169_10** **MTR FILE IS NOT DEFINED**

**Explanation** This is a warning message, and it can appear during initialization of an ATM transaction manager. It indicates that no Migrated Transaction Record (MTR) file definition was found. An MTR file is required if you use application environments in which a client session that is not at global transaction status can be migrated around a cluster (for example, CICSplex, with ATM client runtime control `TransactionModel` set to DYNAMIC).

**Action** If your application environments are such that no MTR file is needed, you can ignore this message, or suppress it by making a dummy MTR file definition using SYSCOR. Otherwise, define and create an MTR file, and restart the ATM transaction managers and clustered application environments in the COR group.

**ATM171_08** **TM tmid STARTING TRANSACTION FLUSH**

**Explanation** This message can be issued by a `DTP=RM` database when the database has received an `ADAEND` command. It indicates that the Transaction Manager with the given ID (tmid) is attempting to terminate any incomplete global transactions that have changed the database, so that the database can terminate cleanly. This message should be followed by either an ATM172 or an ATM173 message, indicating whether or not all relevant transactions were terminated.

**Action** This message is for information only.

**ATM172_10** **TM tmid DID NOT COMPLETE TRANSACTION FLUSH**

**Explanation** This message might be issued by a `DTP=RM` database after message ATM171. It indicates that the Transaction Manager with the given ID (tmid) was not able to terminate all global transactions that have changed the database. This might mean that a superior TM or external transaction co-ordinator has not indicated what the outcome of a transaction should be.

**Action** Use the Online Services application to identify the offending transactions. If possible, resolve any such transaction through the co-ordinator that controls the root of the transaction. If this is not possible, you might choose to use SYSATM's "stop" facility to force resolution of a transaction, if you are sure that this will not result in loss of transactional integrity.

**ATM173_08** **TM tmid COMPLETED TRANSACTION FLUSH**

**Explanation** This message might be issued by a DTP=RM database after message ATM171. It indicates that the Transaction Manager with the given ID (tmid) successfully terminated all incomplete global transactions that had changed the database.

**Action** This message is for information only.

**ATM174_10** **NO TM ACTIVE**

**Explanation** This message can be issued by a DTP=RM database when the database has received an ADAEND command. It indicates that there are incomplete, prepared transactions in the database, but the Transaction Manager that owns these transactions is not currently active. The ADAEND process cannot complete until the incomplete transactions have been resolved.

**Action** Restart the inactive Transaction Manager.

**ATM177_08** **Transaction Manager waiting for TM agent node: {nodeid}**

**Explanation** This message is issued when a transaction manager has restarted following a previous abnormal termination after which a peer transaction manager was established as its agent. This transaction manager has notified the agent (*nodeid*) of its restart but must wait for the agent to relinquish its agent role.

**Action** This message is for information only.

**ATM178_08** **Agent processing relinquished for node: {nodeid}**

**Explanation** This message is issued when a transaction manager has relinquished its agent role at the request of a peer transaction manager (*nodeid*) which is restarting.

**Action** This message is for information only.

**ATM179_08** **Agent initialization successful for node: {nodeid}**

**Explanation** This message is issued when a transaction manager successfully initializes as an agent for a peer transaction manager (*nodeid*) which has terminated abnormally.

**Action** This message is for information only.

**ATM180_20** **Error during the opening of the recovery file: {error-code}**

**Explanation** This message is issued when a transaction manager is started and there is a problem opening the recovery file.

**Action** Check the recovery file has been correctly defined according to the installation documentation. If the cause of the error is not apparent, report the details to your representative.

**ATM181_08** **Agent initialization started for node: {nodeid}**

**Explanation** This message is issued when a transaction manager begins initializing as an agent for a peer transaction manager (*nodeid*) which has terminated abnormally.

**Action** This message is for information only.

**ATM182_20** **Agent initialization unsuccessful for node: {nodeid}**

**Explanation** This message is issued when a transaction manager unsuccessfully initializes as an agent for a peer transaction manager (*nodeid*) which has terminated abnormally. Preceding messages provide further information.

**Action** This message is for information only. Other active peer transaction managers may also attempt agent initialization but, if none are successful, normal recovery processing will occur when the abnormally terminated transaction manager restarts.

**ATM184_10** **TMRFI allocation failed: {entity /error_code}**

**Explanation** This message is issued if a failure occurred when the Transaction Manager attempted to allocate an additional number of blocks from the TMRFI file. If the failure is due to the TMRFI file being full, the *error_code* is replaced by the text "File full".

Refer to ATM186 for an explanation of the *entity* name.

**Action** In the event that a "File full" condition is reported, use the entity name in the message to identify which type of record was being processed at the time and use SYSATM Recovery File Functions to browse the corresponding records currently stored in the TMRFI file and, where possible, purge those that are no longer applicable.

For any other error condition please contact your our support representative providing the job log of the ATM transaction manager and a copy of the TMRFI file as close to the time of failure as possible.

**ATM185_04** **TMRFI allocation successful: {entity /blocks_allocated}**

**Explanation** This message is issued when the Transaction Manager successfully allocates an additional number of blocks (*blocks_allocated*) from the TMRFI file. Refer to ATM186 for an explanation of the *entity* name. This message is always accompanied by message ATM187.

**Action** This message is for information only.

**ATM186_04** **TMRFI statistics / {Text}**

**Explanation** These messages are displayed at Transaction Manager start-up, shut-down or when an ATM DSTAT operator command is issued, and show general information about the size and usage of the TMRFI file.

The TMRFI file manages different record types. These record types are also referred to as entities and consist of the following types:

- Recovery records (PRR)
- Suspect transaction records (STJ)
- System migration records (MTR)
- Pending response records (PER)
- ET data records (EDR)

These messages display the number of blocks currently reserved for use by these entities. No parameters are required to be set or maintained in relation to these entities and any additional blocks required will be allocated automatically on demand, accompanied by an ATM185 message acknowledging successful allocation, and an ATM187 message reporting the remaining number of free blocks.

The number of free blocks reported by the ATM186 and ATM187 messages can provide an early indication of the TMRFI file becoming full.

All the other information provided is relevant only to Software GmbH in the event of problems associated with the use of the TMRFI file.

**Action** This message is for information only.

**ATM187_04** **TMRFI remaining free blocks: {nnnnnnnn}**

**Explanation** This message displays the number of free blocks remaining in the TMRFI file. It accompanies message ATM185 when the Transaction Manager successfully allocates an additional number of blocks from the TMRFI.

**Action** This message is for information only. The number of free blocks in the TMRFI file is also displayed in message ATM186 at Transaction Manager start-up, shut-down or when an ATM DSTAT operator command is issued. The number of free blocks displayed can provide an early indication of the TMRFI becoming full.

**ATM188_04** **RM connection pending: {dbid} Nuc {nucid}**

**Explanation** This message is issued by the Transaction Manager as a result of one of the following events:

- a local `DTP=RM` database is active
- a local `DTP=RM` nucleus which is part of an Adabas Parallel Services cluster is active
- a local or remote `DTP=RM` nucleus which is part of an Adabas Cluster Services cluster is active

This can occur (a) if the Transaction Manager is already active and such a database or nucleus is started, or (b) such a database or nucleus is already active and the Transaction Manager is started.

Under normal circumstances this message will be followed by an ATM190 message indicating successful connection.

**Note:** The message gives the database number (*dbid*) and, in the case of a DTP=RM nucleus which is part of an Adabas Cluster Services or an Adabas Parallel Services cluster, the ID of the nucleus (*nucid*).

**Action** This message is for information only.

**ATM189_04** **RM disconnection pending: {dbid} Nuc {nucid}**

**Explanation** This message is issued by the Transaction Manager as a result of one of the following events:

- a local DTP=RM database is no longer active
- a local DTP=RM nucleus which is part of an Adabas Parallel Services cluster is no longer active
- a local or remote DTP=RM nucleus which is part of an Adabas Parallel Services cluster is no longer active

This occurs when the Transaction Manager is active and such a database or nucleus is stopped. Under normal circumstances this message will be followed by an ATM126, ATM127, or ATM128 message indicating successful disconnection.

**Note:** The message gives the database number (*dbid*) and, in the case of a DTP=RM nucleus which is part of an Adabas Cluster Services or an Adabas Parallel Services cluster, the ID of the nucleus (*nucid*).

**Action** This message is for information only.

**ATM190_04** **RM connected: {dbid} Nuc {nucid}**

**Explanation** This message is issued by the Transaction Manager as a result of successfully connecting to one of the following:

- a local DTP=RM database
- a local DTP=RM nucleus which is part of an Adabas Parallel Services cluster
- a local or remote DTP=RM nucleus which is part of an Adabas Cluster Services cluster

This can occur (a) if the Transaction Manager is already active and such a database or nucleus is started, or (b) such a database or nucleus is already active and the Transaction Manager is started. Under normal circumstances this message will be preceded by an ATM188 message indicating pending connection.

**Note:** The message gives the database number (*dbid*) and, in the case of a DTP=RM nucleus which is part of an Adabas Cluster Services or an Adabas Parallel Services cluster, the ID of the nucleus (*nucid*).

**Action** This message is for information only.

**ATM191_04** **DB {dbid} 2PC enabled with Transaction Manager node {nodeid}(L)**

**Explanation** This message is issued by a DTP=RM database or, a DTP=RM nucleus which is part of an Adabas Cluster Services or Adabas Parallel Services cluster, when it has connected with its local (L) Transaction Manager (*nodeid*).

Under normal circumstances this message will be preceded by ATM129 and ATM124 messages.

**Note:** In the case of a DTP=RM nucleus which is part of an Adabas Cluster Services or Adabas Parallel Services cluster, the message gives the ID of the nucleus, not the database number of the cluster, and begins, Nc *nucid* 2PC enabled ....

**Action** This message is for information only.

**ATM192_04** **DB {dbid} 2PC enabled with Transaction Manager node {nodeid}(R)**

**Explanation** This message is issued by a DTP=RM database or, a DTP=RM nucleus which is part of an Adabas Cluster Services or Adabas Parallel Services cluster, when it has connected with a remote (R) Transaction Manager (*nodeid*).

Under normal circumstances this message will be preceded by ATM129 and ATM124 messages.

**Note:** In the case of a DTP=RM nucleus which is part of an Adabas Cluster Services or Adabas Parallel Services cluster, the message gives the ID of the nucleus, not the database number of the cluster, and begins, Nc *nucid* 2PC enabled ....

**Action** This message is for information only.

# 47 Adabas Transaction Manager Error Codes

Although many of the following error codes are handled internally, some may appear in console messages or in the Additions 2 field of Adabas control blocks. If the required action is not clear from the explanations of the console messages or error codes, contact your technical support representative for advice.

**error 012**

**Explanation** Status conflict - transaction is in prepare phase.

**error 016**

**Explanation** Status conflict - transaction is in backout phase .

**error 020**

**Explanation** Queue management error - item not found.

**error 024**

**Explanation** Invalid service call.

**error 028**

**Explanation** Insufficient memory for a new global transaction queue entry.

**error 032**

**Explanation** Insufficient memory for a new entry in the target database list.

**error 036**

**Explanation** Attempt to add a duplicate global transaction queue element.

**error 044**

**Explanation** Invalid global transaction queue element address.

**error 048**

**Explanation** Syncpoint request did not come from CICS RMI.

**error 052**

**Explanation** Status conflict - target is in prepare phase.

**error 056**

**Explanation** Status conflict - target is in backout phase.

**error 060**

**Explanation** Queue management error.

**error 064**

**Explanation** Unexpected Adabas response code.

**error 068**

**Explanation** No target was updated.

**error 072**

**Explanation** No transaction is open.

**error 076**

**Explanation** Transaction (branch) backed out.

**error 080**

**Explanation** Transaction (branch) partially backed out.

**error 084**

**Explanation** Local or remote ATM transaction manager not available.

**error 086**

**Explanation** Backout was attempted because the global transaction time limit was exceeded.

**error 088**

**Explanation** The ATM transaction manager did not receive the request.

**error 092**

**Explanation** Target not prepared.

**error 096**

**Explanation** Incorrect positioning data in service call.

**error 104**

**Explanation** Invalid service call type.

**error 108**

**Explanation** ETID missing or invalid.

**error 112**

**Explanation** Function not implemented.

**error 116**

**Explanation** More than one target DB record found.

**error 120**

**Explanation** Transactions on the target database are being quiesced.

**error 124**

**Explanation** Transactions on the target database were not fully quiesced.

**error 128**

**Explanation** Heuristic completion (commit or back out) by either ATM or a `DTP=RM` database may have caused inconsistent `ET` data.

**error 132**

**Explanation** Transaction status conflict.

**error 136**

**Explanation** Unable to complete existing transaction.

**error 140**

**Explanation** ATM session number mismatch during RMI synchronization.

**error 144**

**Explanation** Handshake information buffer overflow.

**error 148**

**Explanation** ATM restart processing aborted by operator.

**error 152**

**Explanation** Error reading `ET` data.

**error 156**

**Explanation** Client is already active.

**error 160**

**Explanation** Insufficient memory for a new Adabas buffer area.

**error 164**

**Explanation** All required target databases and ATMs are unavailable.

**error 168**

**Explanation** Duplicate transaction coordinator record in PRR file.

**error 172**

**Explanation** Transaction (branch) not prepared.

**error 176**

**Explanation** Invalid status for NONDTP override.

**error 180**

**Explanation** Committed, outcome pending.

**error 184**

**Explanation** Transaction is in commit phase.

**error 188**

**Explanation** A target database is not signed on for distributed transaction processing.

**error 192**

**Explanation** A target is in commit phase.

**error 196**

**Explanation** Client proxy parameter error in V1 call forwarding.

**error 200**

**Explanation** Syncpoint request did not come from RRS.

**error 204**

**Explanation** Non-zero response set in ACB.

**error 208**

**Explanation** Handshake collision between two ATM transaction managers.

**error 212**

**Explanation** Partner ATM failed to prepare.

**error 216**

**Explanation** Partner ATM failed to commit.

**error 220**

**Explanation** Partner ATM failed to back out.

**error 224**

**Explanation** Mixed transaction completion.

**error 228**

**Explanation** An RRMS error occurred.

**error 232**

**Explanation** RRMS gave an invalid exit number.

**error 236**

**Explanation** A CICS/RMI syncpoint operation failed.

**error 240**

**Explanation** The RMI is not enabled.

**error 244**

**Explanation** Command type invalid for wrapping.

**error 248**

**Explanation** Client ID already exists in the global transaction queue.

**error 252**

**Explanation** No free DRQ slots - `TMDRQ` parameter is too small.

**error 256**

**Explanation** Command not handled - send to local ATM transaction manager.

**error 260**

**Explanation** A CICS command issued by the synchronization manager failed.

**error 264**

**Explanation** TRUE work area is not valid.

**error 268**

**Explanation** TRUE has not fully initialized.

**error 272**

**Explanation** A local database returned response code 148 (ADARSP148).

**error 276**

**Explanation** Mode override not valid in session's current status.

**error 280**

**Explanation** A session attempted to use more than 191 databases at once.

**error 284**

**Explanation** Incomplete handshake information element.

**error 288**

**Explanation** The transaction manager is running in "local only " mode (`TMNODES=0`).

**error 292**

**Explanation** Database ID already in the target list.

**error 296**

**Explanation** The target DB list index is full - `TMTARGETSG` parameter is too small.

**error 300**

**Explanation** The partner ATM node table is full - inadequate `TMNODES` parameter.

**error 304**

**Explanation** Insufficient memory.

**error 308**

**Explanation** No dynamic Client IDs available - `TMDYNTCIDS` parameter is too small.

**error 312**

**Explanation** Adabas buffer area too small.

**error 316**

**Explanation** Invalid dynamic Client ID detected.

**error 320**

**Explanation** Command not valid - transaction branch open.

**error 324**

**Explanation** Client not known to local ATM transaction manager.

**error 328**

**Explanation** Client not known to partner ATM transaction manager.

**error 332**

**Explanation** Conflicting activity for transaction.

**error 336**

**Explanation** Request should be sent to root ATM transaction manager.

**error 340**

**Explanation** A session attempted to use more than 191 ATM transaction managers in the same transaction.

**error 344**

**Explanation** 'Forget branch' failed.

**error 348**

**Explanation** Transaction ID conflict.

**error 352**

**Explanation** Record buffer too small.

**error 356**

**Explanation** Maximum number of open databases exceeded. Increase the appropriate client runtime control.

**error 360**

**Explanation** Transaction has been committed.

**error 364**

**Explanation** Transaction has been prepared.

**error 368**

**Explanation** Unsolicited syncpoint not allowed.

**error 372**

**Explanation** Bad return code from ADASVC.

**error 376**

**Explanation** Invalid Database ID.

**error 380**

**Explanation** A CICS command failed during an RMI syncpoint operation.

**error 384**

**Explanation** XID mismatch was detected during an RMI syncpoint operation.

**error 388**

**Explanation** RMI reported “should not be in doubt”.

**error 392**

**Explanation** RMI reported the transaction “lost to cold start”.

**error 396**

**Explanation** Attempt to change two DTP=ET databases in a single transaction.

**error 400**

**Explanation** Transaction's status on a DTP=ET database is not known.

**error 404**

**Explanation** A DTP=ET database failed to commit.

**error 408**

**Explanation** A DTP=ET database cannot be changed by a transaction that is controlled by an external coordinator.

**error 412**

**Explanation** Version mismatch; use ATM components of same version everywhere.

**error 416**

**Explanation** RQE overflow; DB list truncated.

**error 420**

**Explanation** An IMS TM ROLLBACK function failed; reason code in Additions-2.

**error 424**

**Explanation** Invalid request for Unsolicited Syncpoint Participant status.

**error 428**

**Explanation** DB has conflicting local/remote information.

**error 432**

**Explanation** Null Communications ID detected.

**error 436**

**Explanation** Multiple ET data records detected.

**error 440**

**Explanation** Multiple migrated transaction records were found.

**error 444**

**Explanation** The RRMS stubs have not been linked to ATMKRN in the application environment.

**error 448**

**Explanation** The client runtime control Adabas distributed transaction support is set to Yes but the Adabas CICS LGBLSET parameter RMI= is set to No. For CICS clients to successfully use RMI, both these must be set to Yes.

**error 452**

**Explanation** An unexpected return code was given by a SYSCO daemon .

**error 456**

**Explanation** An unexpected and unnecessary call was received from a SYSCO daemon .

**error 460**

**Explanation** An error occurred during the client proxy's check for DTP=RM. .

**error 468**

**Explanation** There is a non-zero response code pending for the session. .

**error 472**

**Explanation** An unexpected condition was returned by the Adabas System Coordinator’s router interface. .

**error 476**

**Explanation** During a sequence of ET commands, the first of which supplied ET data, ET data was supplied on a session that used a different ETID. .

**error 480**

**Explanation** A request from the CICS RMI attempted to act on a transaction that was not owned by the CICS RMI. .

**error 484**

**Explanation** An ATM transaction manager detected an invalid service call to itself. .

**error 488**

**Explanation** An invalid communication-ID was supplied. .

**error 492**

**Explanation** An invalid communication-ID was detected in the transaction manager's queue. .

**error 496**

**Explanation** The last completed distributed transaction (either committed or undone) was not carried out fully by the application. The application is not compliant with distributed transaction processing requirements in this area. Distributed programming requires that all modified databases are either all committed (ET) or all undone (BT), otherwise the application will incur integrity problems if Adabas Transaction Manager is removed or disabled.

**error 500**

**Explanation** There was a duplicate attempt to sign a DTP=RM database on to a Transaction Manager for Distributed Transaction Processing.

**error 504**

**Explanation** There was an attempt to sign a DTP=RM database on to a remote Transaction Manager for Distributed Transaction Processing.

**error 508**

**Explanation** There was an invalid attempt to remove a database from a global transaction.

**error 512**

**Explanation** Transaction status is not known because a status-check request to the local TM returned a bad response code. .

**error 513**

**Explanation** Transaction status is not known because a status-check request to the local TM returned error 88. .

**error 514**

**Explanation** Transaction status is not known because a status-check request to the local TM returned error 412.

**error 515**

**Explanation** Transaction status is not known because a status-check request to the local TM returned error 488.

**error 516**

**Explanation** Transaction status is not known because a status-check request to the local TM returned error 60.

**error 517**

**Explanation** Transaction status is not known because an Adabas buffer area could not be acquired for a status-check operation. .

**error 520**

**Explanation** In a DTR environment, a client session has migrated to another system, but no MTR file is in use. .

**error 524**

**Explanation** A session could not be switched to serial `ET/BT` mode, because the local TM was already involved in the current transaction. .

**error 528**

**Explanation** The client proxy failed to provide a return code for a CICS RMI syncpoint operation. .

**error 536**

**Explanation** An unknown TM node ID was detected while processing DTR migration. .

**error 540**

**Explanation** The "F" command option on a `BT` command could not be honored, because a distributed transaction was in process. .

**error 544**

**Explanation** The client session tried to change a database that's executing outside the scope of the client session's System Coordinator group, but this is disallowed by the `Coordinate Adabas DBs Outside the Group` runtime control. .

**error 588**

**Explanation** A conflict with shared hold status option "H" has been detected. The client session is using this option in a conflicting manner during an `ET` or `BT` sequence after a two-phase commit process has been performed. The transaction outcome is unaffected but records may no longer be in shared hold status. The use of this option should be reviewed. .

**error 596**

**Explanation** The client runtime control "Adabas transaction dynamics" is set to "TP" in order to prevent Adabas transactions persisting across TP message-pairs and this error indicates such a transaction has been backed out.

This error is not applicable to client environments whose Adabas transactions are able to interoperate with other open vendor transactions (client runtime control "Open distributed transaction support = Yes").

# 48 AVInnn - Adabas Vista Database Processing Messages

Messages related to Adabas Vista database processing may be displayed on the operator console during an Adabas nucleus session. These messages have the format:

```
AVInnn ddddd Message Text
```

where *nnn* is the message number and *ddddd* is the Adabas database number.

| | |
|---|---|
| **AVI001** | **{ddddd} Vista Database Process; Enabled** |
| **Explanation** | The Adabas Vista database process has been installed and initialized on this database. |
| **Action** | None. This message is for information only. |

| | |
|---|---|
| **AVI002** | **{ddddd} Vista Database Process; Getmain Error - nnnnnnnn bytes** |
| **Explanation** | The Adabas Vista database process has not been able to initialize due to insufficient memory. |
| **Action** | Increase available memory by at least the amount indicated in the message. |

| | |
|---|---|
| **AVI005** | **{ddddd} Vista Database Process; Disabled** |
| **Explanation** | The Adabas Vista database process has been disabled. |
| **Action** | Refer to a previous console message for the reason. |

# 49 AVI-xxxx-xx - Adabas Vista Processing Messages

Adabas Vista messages related to client processing have the following format:

```
AVI-nnnn-ss Message Text
```

where*nnnn* is the message number and *ss* is a hexadecimal severity code:

| Severity Code | Explanation |
|---|---|
| 00 | Software GmbH use |
| 04 | Information only |
| 10 | Warnings |

| | |
|---|---|
| **AVI-0013-04** | **Config File is now available** |
| **Explanation** | This message is issued after an AVI-0013-10 message when Adabas Vista detects that the configuration file has become available again. |
| **Action** | None. This message is for information only. |

| | |
|---|---|
| **AVI-0013-10** | **One or more users were unable to access Config File** |
| **Explanation** | The Adabas Vista configuration file is not currently available. One or more users have been allowed to continue processing although the partitioning and translation capabilities of Adabas Vista are not available to the user(s) until the configuration file becomes available. |
| **Action** | Check the availability of the Adabas Vista configuration file. |

**AVI-0015-10** **Initialization error.....ADABAS VISTA is N O T active**

**Explanation** Adabas Vista was unable to initialize successfully and has been deactivated.

**Action** Check the message text for the reason for the failure and if necessary contact your local representative.

**AVI-0017-10** **Config File Error (DdbidFfnr); Rspnnnnn Srspssssss**

**Explanation** An Adabas response code was returned when accessing the Adabas Vista configuration file and the client runtime control Error Reporting WTO option is set to YES. The returned response code and subcode are indicated in the message.

**Action** Ensure that the correct configuration file database and file number are being used. Refer to the *Adabas Messages and Codes* documentation for an explanation of the response code.

**AVI-0018-10** **Internal error (DdbidFfnr); Rsp00249 Srspssssss**

**Explanation** An Adabas Vista processing error occurred and the client runtime control Error Reporting WTO option is set to YES. The Database ID and File Number provided indicate the source of the error. The response code 249 (ADARSP249) may be different depending on the value provided for the client runtime control Error Response Code. The subcode of the response code is also provided.

**Action** For information about the subcode provided, refer to the subcodes provided for response code **249** (ADARSP249).

**AVI-0019-10** **Adabas Rspnnnnn Srspssssss Srce: DdbidFfnr CC Targ: DdbidFfnr CC**

**Explanation** An Adabas response code was returned and the `Error Reporting` client runtime control's WTO option is set to YES. The response code and subcode are displayed. The Srce (application) database number, file number, command code and the Targ (resulting) database number, file number, command code are also displayed.

**Action** This (optional) message is provided to warn of potential Adabas issues.

**AVI-0020-04** **Jobname: aaaaaaaa Comm-ID: hhhhhhhhhhhhhhhh (aaaaaaaa)**

**Explanation** After an Adabas Vista console message has been issued, this message is used to help identify the user responsible.

**Action** None. This message is for information only.

# 50 CAS* - Adabas System Coordinator Cluster Application

## Service Messages

CASnnn messages are issued from the clustered application service operating in the Adabas System Coordinator component.

| | |
|---|---|
| **CAS001I** | **JOB jobname CREATED POOL poolname AT address length** |
| **Explanation** | A component task of a clustered application has started. The started task (job) is defined to use SYSCO to manage application users. User information is maintained in a common memory pool so that it can be shared with other components of the application.<br><br>This message is issued when the common memory pool is created. |
| **Action** | None. This message is for information only. |

| | |
|---|---|
| **CAS002I** | **JOB jobname JOINED POOL poolname AT address length** |
| **Explanation** | A component task of a clustered application has started. The started task (job) is defined to use SYSCO to manage application users. User information is maintained in a common memory pool so that it can be shared with other components of the application.<br><br>This message is issued when the new task joins an existing memory pool. |
| **Action** | None. This message is for information only. |

**CAS003I** **POOL poolname DELETED AT address length**

**Explanation** All jobs using a common memory pool have terminated. The pool is deleted and its memory is released.

**Action** None. This message is for information only.

**CAS004I** **JOB jobname ACTIVE**

**Explanation** A request was received to shut down a SYSCO daemon, but client jobs are still active on this daemon.

**Action** Terminate the client job(s) and re-issue the shutdown request.

**CAS005I** **JOB jobname CREATED POOL EXTENT poolname AT address length**

**Explanation** A common memory pool is full and has been dynamically extended.

**Action** None. This message is for information only.

**CAS006E** **JOB jobname CAS MANAGEMENT TERMINATED BY HALT**

**Explanation** CAS management has been terminated.

**Action** No action, the HALT action has taken place as requested.

**CAS007I** **XCF PING FROM ################**

**Explanation** An XCF ping has been received.

**Action** None. This message is for information only.

**CAS008S** **CANNOT LOAD CAS KERNEL CASKRN - SHUTDOWN INITIATED**

**Explanation** The clustered application service (CAS) kernel module cannot be loaded.

**Action** Ensure that the load library containing the kernel module is available to the Adabas System Coordinator daemon task.

**CAS009I** **Sysco name node system users**

**Explanation** The header line for the CAS010I message.

**Action** None. This message is for information only.

**CAS010I** ################ ##### ######## ########

**Explanation** The details for the CAS009I message.

**Action** None. This message is for information only.

**CAS011E** **COMMAND FAILED, RSP=####, RC=#####**

**Explanation** A System Coordinator operator command has failed.

**Action** This message is currently issued only in response to the DN (Display Active Nodes) command. The DN command is used to display Coordinator daemon nodes in a Sysplex configuration. Message CAS011E indicates that one or more nodes could not be contacted. Check the coordinator definitions and tasks to identify any setup problems that may have caused this error. Contact your technical representative for assistance if necessary.

In a standard (non-sysplex configuration) the command will fail and message CAS011E is the normal response. No further action is required.

**CAS012E** **SESSION STATUS RSP=#### / ####, NO SESSION RECOVERY WILL BE ATTEMPTED**

**Explanation** An attempt to read the session status record failed. The daemon cannot determine if session or pool recovery is required.

**Action** Determine the reason for the read failure. It will not be possible to recover any previous failed session if the status record cannot be located.

**CAS013I** **NO SESSION STATUS RECORD, PREVIOUS SESSION RECOVERY WILL NOT BE ATTEMPTED**

**Explanation** The configuration file does not contain a session status record. This message will be issued the first time the pool recovery feature is used, or whenever a new configuration file is used.

**Action** None. It is assumed there is no previous failed session to recover.

**CAS014E** **SESSION UPDATE RSP=#### / ####, NO SESSION RECOVERY ACTIVE FOR THIS SESSION**

**Explanation** An attempt to update the session status record failed. Session recovery will not be active for this daemon instance.

**Action** Determine the reason for the update failure. If session and pool recovery are required, restart the daemon when the problem is resolved.

**CAS015E** **SESSION STATUS UPDATE RSP #### / ####**

**Explanation** This message can only occur during normal termination of the daemon. An attempt to update the session status record with termination information failed.

**Action** Determine the reason for the update failure. The next time the daemon is started it will probably attempt session recovery, but there will be no session to recover. Messages CAS013I or CAS017S may be issued, but can be ignored.

**CAS016E** **SESSION ANCHOR GETMAIN ERROR, NO SESSION RECOVERY ACTIVE FOR THIS SESSION**

**Explanation** The session anchor is a common memory area that saves recovery information for the duration of the session. Session recovery will not be active if the anchor cannot be allocated.

Probable cause is insufficent common memory.

**Action** Review system initialization parameters and current use of common memory.

**CAS017S** **PREVIOUS SESSION RECOVERY NOT POSSIBLE, SESSION ANCHOR NOT FOUND OR INVALID**

**Explanation** This message appears if the system is restarted after a daemon failure or if the anchor memory area is freed or overwritten by any other task.

The session anchor is a common memory area that saves recovery information for the duration of the session. The configuration file status record holds the address of this anchor. When a session fails that session anchor is preserved in common memory until a new daemon session starts and recovers the failed session.

**Action** None

**CAS018W** **SESSION RECOVERY COMPLETED**

**Explanation** The daemon detected that a previous daemon session failed. Session and pool recovery was invoked and has completed successfully.

**Action** None.

**CAS019E** **PREVIOUS SESSION RECOVERY UNSAFE, RESTART AS SOON AS POSSIBLE**

**Explanation** An error has been detected during session and pool recovery. There is probably a memory corruption problem in one of the pools. The session may have been partially recovered.

**Action** It is probably not safe to continue with the current daemon instance. It should be canceled and restarted. If this message re-occurs, contact your technical support representative.

**CAS020W** **POOL ######## RECOVERED FOR JOB ######## AT ######## ########**

**Explanation** The daemon detected that a previous daemon session failed. The named pool was recovered.

**Action** None.

**CAS02II** **Msg-out Msg-rsp Msg-in Msg-segs Cq-Num Cq-Hwm Cq-Full Cq-Post RspPost**

**Explanation** This message is issued when a Daemon `DXCF` command is issued, to display XCF messaging statistics. See the description of the `DXCF` command for an explanation of the message content.

**Action** None.

**CAS022I** ######## ######## ######## ######## ######## ######## ######## ######## ########

**Explanation** This is the details part of the CAS021I message heading.

**Action** None.

**CAS023W** **Term=####,Serv=########: Invalid CF entry**

**Explanation** The daemon has detected an invalid entry in the Coupling Facility for the Terminal and Service identified in the message.

**Action** The daemon will autocorrect any invalid entries in the coupling facility and continue. A printout of the invalid entry is written to the CORDUMP daemon job output file.

**CAS024E** **Term=####,Serv=########: Retrieval error** ########

**Explanation** An error has occurred during the relocation of session information relating to the Terminal and Service identified in the message.

**Action** Perform the following daemon checks:

- Check all daemon members of the COR group are active
- Use DRES operator command to check resource high watermarks
- Check/increase daemon region size

If the problem persists, contact your technical support representative.

**CAS025E** **Term=####,Serv=########: Processing error** ########

**Explanation** An error has occurred during the relocation of session information relating to the Terminal and Service identified in the message.

**Action** Perform the following daemon checks:

- Check all daemon members of the COR group are active
- Use DRES operator command to check resource high watermarks
- Check/increase daemon region size

If the problem persists, contact your technical support representative.

# 51 COR* - Adabas System Coordinator Kernel Messages

CORnnn messages are issued by the Adabas System Coordinator kernel.

| | |
|---|---|
| **COR001S** | **RUNTIME ENVIRONMENT CANNOT INITIALIZE, KERNEL LOAD ERROR** |
| **Explanation** | The Adabas System Coordinator client (CORSnn) failed to locate or load the runtime kernel module CORKRN. |
| **Action** | Ensure that the load library containing the kernel module is available to the TP monitor or batch job that issued the message. |

| | |
|---|---|
| **COR002S** | **RUNTIME ENVIRONMENT CANNOT INITIALIZE, CONFIGURATION FILE RESPONSE=nnnn, SUBCODE=nnnn** |
| **Explanation** | A configuration module (CORCFG) has been located that indicates the SVC, DBID, and file number of the Adabas System Coordinator configuration file. An error occurred when trying to read this configuration file. |
| **Action** | Refer to the *Adabas Messages and Codes* documentation to determine the reason for the error. |

| | |
|---|---|
| **COR003S** | **FAILED TO REGISTER JOB WITH COR DAEMON, ERROR=nnnnnnnn. SERVICE CONTINUING IN LOCAL MODE** |
| **Explanation** | The job is defined to run in daemon-mode, but an active local daemon could not be found. |
| **Action** | The job continues in local mode. COR daemon services are not available.<br><br>If daemon-mode is critical to the correct operation of the job or service you should designate one or more add-on products with the “CRITICAL” specification in the COR configuration module (CORCFG). See message COR040S for further information. |

**COR004S** **GROUP group-name NOT FOUND IN CONFIGURATION FILE RESPONSE=nnnn, SUBCODE=nnnn**

**Explanation** An error occurred when attempting to read the defined group parameters.

**Action** If the Adabas System Coordinator group parameters have not been defined, use the SYSCOR online application to define them and resubmit the job.

**COR005E** **RUNTIME CONFIGURATION MODULE CORCFG NOT LOCATED – INITIALIZATION RETRY LATER**

**Explanation** The configuration module CORCFG cannot be loaded, without it System Coordinator and related products are unable to operate. The job continues without Coordinator but it will periodically try to find CORCFG so it can activate.

**Action** Refer to the Adabas System Coordinator Installation documentation for information about assembling a configuration module.

**COR006S** **NO MEMBERS DEFINED FOR DAEMON GROUP ########**

**Explanation** A job is defined to expect an Adabas System Coordinator group. The group has been defined but no daemon members have been defined within the group.

**Action** Use the SYSCOR online application to define required daemon members in the group.

**COR007E** **DAEMON NOT RUNNING FOR GROUP ########, JOB ######## CANNOT INITIALIZE**

**Explanation** A job is defined to expect an Adabas System Coordinator group, but none of the Coordinator daemons defined in the group are active on this system.

**Action** After ensuring that the local Coordinator daemon is started, restart the job.

**COR008S** **CANNOT LOCATE ID TABLE FOR SVC nnn**

**Explanation** A job is defined to expect an Adabas System Coordinator group, but no ID table was found for the Adabas SVC number specified in the group definition.

**Action** Use the SYSCOR online application to enter the correct SVC number in the group record.

**COR009S** **################ IXLCACHE READ ERROR, RC=##, RSN=###**

**Explanation** The Coordinator daemon is running in an IBM sysplex environment and is using the coupling facility. An error occurred when trying to access data from the coupling facility cache memory. The coupling facility may be improperly set up or defined.

**Action** Ensure that the cache structure is defined correctly in the Adabas System Coordinator group.

**COR010S** **################ IXLCACHE WRITE ERROR, RC=##, RSN=###**

**Explanation** The Coordinator daemon is running in an IBM sysplex environment and is using the coupling facility. An error occurred when trying to write data to the coupling facility cache memory. The coupling facility may be improperly set up or defined.

**Action** Ensure that the cache structure is defined correctly in the Adabas System Coordinator group.

**COR011I** **MEMBER ######## JOINS ######## GROUP ######## ON SYSTEM ########**

**Explanation** The daemon has successfully joined the group.

**Action** None. This message is for information only.

**COR012S** **MEMBER ######## FAILED TO JOIN SYSPLEX GROUP ########, RC=##, RSN=###**

**Explanation** The Coordinator daemon failed to connect to the sysplex group. The sysplex may not be properly defined. The return and reason codes are from the IXCJOIN macro.

**Action** Consult the *IBM Sysplex Services Reference* to determine the cause of the problem.

**COR013I** **MEMBER ######## LEAVES ######## GROUP ######## ON SYSTEM ########**

**Explanation** The Coordinator daemon has left the group.

**Action** None. This message is for information only.

**COR014E** **MEMBER ######## ERROR LEAVING SYSPLEX GROUP ########, RC=##, RSN=####**

**Explanation** The Coordinator daemon failed to correctly leave the group.

**Action** Consult the *IBM Sysplex Services Reference* to determine the cause of the problem.

**COR015S** **IXCQUERY ERROR, RC=##, RSN=###**

**Explanation** A z/OS IXCQUERY service failed. The return and reason codes are from the IXCQERY macro.

**Action** This is an internal error. Contact your technical support representative.

**COR016S** **################ IXLCONN ERROR, RC=##, RSN=###**

**Explanation** The Coordinator daemon is running in an IBM sysplex environment and using the coupling facility. An error occurred when trying to connect to the coupling facility cache structure defined in the Adabas System Coordinator group record.

**Action** Ensure that the required cache structure is defined in the CFRM policy for this sysplex.

**COR017I** **NO RUNTIME CONTROL FOUND FOR ######## - ADD-ON PRODUCTS ARE DEACTIVATED**

**Explanation** The configuration file does not contain a runtime control record for this job. The Adabas System Coordinator and installed products will be deactivated until a run-time control is defined and the job is restarted.

It is likely that the Adabas System Coordinator link stub was added to the link module but no runtime control was defined for the job.

**Action** Use one of the online administration applications (SYSAVI, SYSAFP, SYSATM) to define a runtime control; then restart the job.

**COR018E** ################ **ixlcache dirinfo error, rc=##, rsn=####**

**Explanation** An error occurred when retrieving directory information from the coupling facility cache structure.

**Action** Consult the IBM Sysplex Services Reference to determine the cause of the error.

**COR019E** ################ **ICXMSGO SENDTO** ############### **ERROR, RC=##, RSN=###**

**Explanation** An error occurred when sending a message from one Coordinator daemon to another in an IBM sysplex.

**Action** Consult the *IBM Sysplex Services Reference* to determine the cause of the error.

**COR020I** **SYSPLEX INTERFACE COMMAND QUEUE AT ########**

**Explanation** Issued at startup of a Coordinator daemon, this message displays the address of the command queue used for communication among the Coordinator daemons.

**Action** None. This message is for information only.

**COR021S** **IOR FAILURE FUNC ## ERRCODE ##**

**Explanation** An error occurred during an ADAIOR service call.

**Action** Contact your technical support representative for assistance.

**COR022S** ################ **IXLCACHE DELETE ERROR, RC=##, RSN=###**

**Explanation** The Coordinator daemon is running in an IBM sysplex environment and is using the coupling facility. An error occurred when trying to delete data from the coupling facility cache memory. The coupling facility may be improperly set up or defined.

**Action** Ensure that the cache structure is defined correctly in the Adabas System Coordinator group.

**COR023S** **################ IXLCACHE STATS ERROR, RC=##, RSN=###**

**Explanation** The Coordinator daemon is running in an IBM sysplex environment and is using the coupling facility. An error occurred when trying to read statistical information from the coupling facility cache memory.

**Action** Ensure that the cache structure is defined correctly in the Adabas System Coordinator group. Note: This message will appear if you attempt to use the SYSCOR session monitoring "Display cache statistics" service, and the Coordinator daemon is not running with a coupling facility cache structure.

**COR024E** **CONFIGURATION FILE database / file READ ERROR (RSP ###), OPTIONAL PRODUCT CALLS BYPASSED**

**Explanation** System Coordinator suffered a problem using the configuration file. The job continues running unless one or more products are identified as being critical.

**Action** Investigate the cause of the bad response code and take corrective action so that it no longer occurs.

**COR025E** **NO DAEMON ACTIVE FOR SYSCO GROUP ########, OPTIONAL PRODUCT CALLS BYPASSED**

**Explanation** System Coordinator has been unable to contact a daemon in the specified group. It it able to continue running but calls to non-critical products are bypassed.

**Action** Activate the daemon for the group.

**COR026E** **CONFIGURATION FILE database / file READ ERROR (RSP ###) JOB ######## WAITING FOR ACTIVATION**

**Explanation** The database containing the configuration file is not active, and it has been requested (in the CORCFG configuration module) that client jobs should wait for the file to be activated. Adabas System Coordinator will attempt to read the configuration file every 15 seconds.

**Action** Activate the database containing the configuration file as soon as possible.

**COR027E** **NO DAEMON ACTIVE FOR SYSCO GROUP ########, JOB ######## WAITING FOR ACTIVATION**

**Explanation** System Coordinator has been unable to contact a daemon in the specified group. The job is paused, pending daemon activation.

**Action** Activate the daemon for the group.

**COR028E** **CONFIGURATION FILE database / file READ ERROR (RSP ###), INITIALIZATION DEFERRED FOR JOB ########**

**Explanation** The job parameter could not be read from the configuration file. Initialization of System Coordinator and add-on products is deferred.

It is likely that the database containing the configuration file is inactive (response code 148, ADARSP148).

The COR client will automatically attempt a periodic retry if it receives an error reading the configuration file. This avoids the need to recycle jobs when the file becomes available again.

**Action** Activate the database containing the configuration file as soon as possible.

**COR029E** **DAEMON NOW RUNNING FOR GROUP ########, JOB ########**

**Explanation** System Coordinator has now detects the presence of a daemon.

**Action** None.

**COR030I** **RESPONSE ###, RETRY ACTIVE FOR FILE database / file, JOB=########, COMMAND=##**

**Explanation** Command retry has been activated for the indicated response code, and it has been specified that a console message is to be issued whenever an retry is attempted.

**Action** Take appropriate (installation-defined) action.

**COR031I** **RESPONSE ###, RETRY ABANDONED FOR FILE database / file, JOB=########, COMMAND=##**

**Explanation** The required number of command retries has been attempted, but the command has still not completed successfully. Retry is abandoned.

**Action** Take appropriate (installation-defined) action.

**COR034S** **KERNEL(CORKRN) NOT FOUND, SERVICE CANNOT CONTINUE**

**Explanation** One or more add-on products has been defined with the “CRITICAL” specification in the configuration module (CORCFG). The Coordinator kernel module could not be located and the product will not function correctly. All Adabas requests will be rejected with response 101 subcode 58.

**Action** Make the load library containing the COR kernel available, and restart the job or service.

**COR035S** **SERVICE CANNOT CONTINUE, CRITICAL PRODUCTS ARE NOT OPERATIONAL**

**Explanation** One or more add-on products has been defined with the "CRITICAL" specification in the configuration module (CORCFG). System Coordinator, or the product itself has detected that some product component is missing or not operational. In Adabas client jobs all Adabas requests will be rejected with response 101 subcode 59.

This message can also be issued in Adabas nucleus jobs when System Coordinator fails to find or load a critical Adabas module (usually ADALNK).

There will normally be another COR or product message identifying the component in error.

**Action** Correct the error and restart the job or service.

**COR036S** **Runtime environment cannot initialize, initial allocation failed**

**Explanation** The Adabas System Coordinator client (CORS*nn*) was unable to acquire enough storage to initialize.

**Action** Increase the amount of memory available to the job and restart it.

**COR037I** **SVC dump created**

**Explanation** The Adabas System Coordinator daemon has produced an SVC dump dataset as a result of an abend. This message is only issued when CORCFG specifies `ZOSDUMP=SVC` .

**Action** None

**COR038E** **SVC dump failed, R15: hhhhhhhh**

**Explanation** The Adabas System Coordinator daemon was configured to produce an SVC dump in the event of an abend. The SVC dump failed with the indicated error code (hhhhhhhh) and a standard dump was produced instead.

**Action** Review the IBM SDUMPX documentation to determine the reason for the failure.

**COR039S** **IBM STORAGE KEY OVERRIDE NOT ENABLED, COM-PLETE THREAD KEYS CANNOT BE USED**

**Explanation** Com-plete thread keys can only be supported when the IBM Storage Key Override is enabled.

**Action** Enable IBM Storage Key Override or disable Com-plete thread keys.

**COR040S** **FAILED TO REGISTER JOB WITH COR DAEMON, ERROR=nnnnnnnn. CRITICAL SERVICE CANNOT CONTINUE**

**Explanation** The job is defined to run in daemon-mode, but an active local daemon could not be found. One or more add-on products have been defined with the "CRITICAL" specification in the configuration module (CORCFG). In this mode, the daemon is considered to be critical to the correct operation of the job. All Adabas requests will be rejected with response code 101 (ADARSP101), subcode 59.

**Action** Make sure that the Coordinator daemon is active and restart the job or service.

**COR041I** **REVERTING TO DEFAULT CONSOLE USAGE AFTER ERROR : ########**

**Explanation** System Coordinator has received an error using the alternate console and has reverted to using the default console.

**Action** None. This message is for information only.

**COR042I** **"XCF" is not supported. Terminating.**

**Explanation** XCF is not supported for this operating system.

**Action** Correct the daemon group parameters.

**COR043W** **Jobname hhhhhhhh. Unexpected error response=####, subcode=####**

**Explanation** System Coordinator has detected an internal error for *jobname* thread-address *hhhhhhhh*, which has resulted in the specified response and subcode. This message occurs at most once per job.

**Action** Contact your technical support representative.

**COR045I** **Co-ordinated stop set for User=userid, TID=aaaaaaaa**

**Explanation** This message is a response to a successful co-ordinated stop request where userid is the Adabas-assigned user ID and *aaaaaaaa* is the terminal ID (alphanumeric).

**Action** None. This message is for information only.

**COR046S** **SPAWN FAILED RC=##**

**Explanation** An internal error has occurred during daemon processing.

**Action** Contact your technical support representative.

**COR047S** **Installation error. COR is disabled.**

**Explanation** An installation error has been detected. This is usually accompanied by another error message explaining the installation error.

**Action** Correct the installation error and re-try. If the problem persists, contact your Software AG technical support representative for further assistance.

**COR048S** **PRODUCT ## PACK FAILED RC=##**

**Explanation** An internal error has occurred during latency processing.

**Action** Contact your technical support representative.

**COR049S** **PRODUCT ## UNPACK FAILED RC=##**

**Explanation** An internal error has occurred during latency processing.

**Action** Contact your technical support representative.

**COR050S** **LATENCY FILE ###### FAILED RC=####**

**Explanation** An internal error has occurred during latency processing.

**Action** Contact your technical support representative.

**COR052I** **SERVICE ######## STARTED USING ###### LATENCY (##########)**

**Explanation** System Coordinator has successfully started the named service. The type of latency used and whether the service is single or multi system is also displayed.

**Action** None. This message is for information only.

**COR053I** **SERVICE ######## ENDED**

**Explanation** System Coordinator has successfully ended the named service.

**Action** None. This message is for information only.

**COR054S** **COR054S JOB ######## REQUIRES DAEMON LATENCY ON DISK; LATENCY INITIALIZATION FAILED IN DAEMON ADDRESS SPACE**

**Explanation** A client job has been defined to use a daemon latency file. However the daemon does not have a latency file.

**Action** Correct the configuration.

**COR055I** **Co-ordinated stop set for STOPI=nnn**

**Explanation** This message is a response to a successful co-ordinated stop request where *nnn* is the dormant session time applied.

**Action** None. This message is for information only.

**COR060I** **Connected to daemon:** #####

**Explanation** A client job has been defined to use a daemon service and to issue daemon communication messages and has successfully connected to daemon node #####.

**Action** None. This message is for information only.

**COR061I** **Disconnected from daemon:** #####

**Explanation** A client job has been defined to use a daemon service and to issue daemon communication messages and has successfully disconnected to daemon node #####.

**Action** If the disconnection is unexpected, check that the daemon is active and accessible.

**COR064I** **UB extension enforcement activated – length** ###

**Explanation** A client job has been defined to use a product that requires a UB extension of the indicated length, however the Adabas link module has not been configured to provide a suitable UB extension. System Coordinator adjusts the UB dynamically as appropriate.

**Action** Correct the Adabas LGBLSET LUINFO parameter and reinstall the Adabas link module/globals table.

**Note:** *this message is always issued for SPATs clients that execute participating triggers (if the SPATs job is defined to use a product that requires a UB extension).*

**COR065I** **Input parameter:** ##############################

**Explanation** The input parameter ########## included in the daemon services DDCARD input has been processed.

**Action** None. This message is for information only.

**COR066E** **Invalid parameter:** ##########

**Explanation** The parameter ########## included in the daemon services DDCARD input is invalid.

**Action** Correct the DDCARD parameter. .

**COR067E** **Getmain for product parm block failed'**

**Explanation** The DDCARD input parameters could not all successfully be processed due a lack of memory.

**Action** Increase the region size for the job.

**COR069I** **PMAF: eye=#### len=######## owner=### releaser=****

**Explanation** This message indicates that some internal memory has been released by a different product to the one that allocated it. This is an informational message and in itself is not an indication of a problem.

**Action** None. This message is for information only.

**COR072I** **UTM Memory Pool short on storage, Pool=################**

**Explanation** A client job has been unable to allocate enough memory for the thread from the UTM Pool ################. System Coordinator will try to allocate a smaller thread, but this may limit the activity of some users.

**Action** Increase the UTM Pool size in the UTM Client Runtime Controls (see *UTM pool settings* in your Adabas System Coordinator documentation).

**COR073I** **Configuration file database/file in use for job** ########

**Explanation** This message indicates that the client has successfully read the System Coordinator configuration file. It will only be issued if one of the following messages has previously indicated that there was a problem reading the configuration file:

- COR002S
- COR026E
- COR028E

**Action** None. This message is for information only.

**COR074I** **Dataspace ######## created, token** ################

**Explanation** This message indicates that the named dataspace has been created by the Adabas System Coordinator daemon.

**Action** None. This message is for information only.

**COR075I** **Enabling access to ########, token ################**

**Explanation** This message indicates that the address space within which this job is running is about to connect to the named dataspace.

**Action** None. This message is for information only.

To suppress this message, refer to the client runtime control *Daemon connection messages* in the *Adabas System Coordinator Parameters* documentation.

**COR076I** **Access to ######## enabled, token ################**

**Explanation** This message indicates that the address space within which this job is running has successfully connected to the named dataspace.

**Action** None. This message is for information only.

To suppress this message, refer to the client runtime control *Daemon connection messages* in the *Adabas System Coordinator Parameters* documentation.

**COR077E** **Access to ######## failed, token ################**

**Explanation** This message indicates that the address space within which this job is running failed to connect to the named dataspace.

**Action** Contact your technical support representative.

**COR078E** **Error managing ######## Function=## RF=######## R0=########**

**Explanation** An internal error has occurred when managing the named dataspace.

**Action** Contact your technical support representative.

**COR079E** **Job ######## unable to initialize; required daemon services are not licensed**

**Explanation** The Adabas System Coordinator client component within job ######## failed to register with the COR daemon to access required daemon services due to an invalid COR license.

**Action** Check the COR daemon messages for a CORD98E message. This client message should only be issued after a COR daemon CORD98E message. Refer to the Action described in the CORD98E message and restart job ######## accordingly.

# 52 CORD* - Adabas System Coordinator Daemon Messages

CORDnn messages are issued by the Adabas System Coordinator daemon.

| | |
|---|---|
| **CORD01S** | **CAS CANNOT INITIALIZE, GETMAIN ERROR** |
| **Explanation** | The Adabas System Coordinator cannot initialize because of a memory shortage. |
| **Action** | Increase the region specification for the daemon job. |

| | |
|---|---|
| **CORD02S** | **CAS CANNOT INITIALIZE, KERNEL LOAD ERROR** |
| **Explanation** | The daemon failed to locate or load the runtime kernel module CORKRN. |
| **Action** | Ensure that the load library containing the kernel module is available to the job. |

| | |
|---|---|
| **CORD03E** | **DDCARD OPEN ERROR: ## - TERMINATING** |
| **Explanation** | The DDCARD control file could not be opened. |
| **Action** | Ensure that the daemon job has a DDCARD file containing the required control cards. |

| | |
|---|---|
| **CORD04I** | **INPUT PARAMETER: ############** |
| **Explanation** | The input parameters contained in the DDCARD file are echoed in the job message output file. |
| **Action** | None. This message is for information only. |

**CORD05E** **INVALID PARAMETER: ##########**

**Explanation** An invalid input parameter was found in the DDCARD file. The daemon terminates.

**Action** Correct or delete the invalid parameter.

**CORD06E** **PRODUCT PARAMETER NOT SPECIFIED**

**Explanation** There was no `PRODUCT`parameter in the DDCARD file. The daemon does not know which product(s) to load.

**Action** Add the required `PRODUCT` parameter and restart the daemon.

**CORD07E** **MPM FAILURE - FUNCTION: ## ERROR ##**

**Explanation** An error occurred calling ADAMPM when trying to:

- initialize a target (Function=00)
- sign off from the Adabas SVC (Function=20)
- sign on to the Adabas SVC (Function=24)

**Action** For a sign on error, navigate to the Daemon Group Parameters in the System Coordinator Online system and ensure that the correct SVC and Node ID have been specified for the Adabas System Coordinator group.

A sign-off error indicates an internal problem with the System Coordinator Daemon. Contact your technical support representative for assistance.

No action is required in the Coordinator Daemon.

**CORD08E** **IOR FAILURE - FUNCTION: ## ERROR ##**

**Explanation** An error occurred during an ADAIOR service call.

**Action** Contact your technical support representative for assistance.

**CORD09I** **SHUTDOWN REQUESTED**

**Explanation** The daemon has received a shutdown request.

**Action** None. This message is for information only.

**CORD10E** **GETMAIN FOR COMMAND QUEUE FAILED**

**Explanation** The daemon cannot acquire memory for the command queue.

**Action** Increase the region specification for the Adabas System Coordinator daemon task.

**CORD11I** **CORD11I SYSCO ##### IS ACTIVE ON NODE ##### ### CIB=########**

**Explanation** The daemon successfully signed on to the Adabas SVC and is ready for communication. The message indicates the node and SVC number used.

**Action** None. This message is for information only.

**CORD12I** **OPER TYPEIN: ################**

**Explanation** The operator entered a console command to the daemon. The command is echoed back to the message output file.

**Action** None. This message is for information only.

**CORD13E** **INVALID OPERATOR COMMAND**

**Explanation** The command entered is not valid.

**Action** Correct the command and enter it again.

**CORD14I** **TARGET ##### TERMINATION IN PROGRESS**

**Explanation** The daemon is terminating because of operator request or unrecoverable error.

**Action** None. This message is for information only.

**CORD15I** **TARGET ##### ENDED NORMALLY**

**Explanation** The daemon terminated normally as a result of an operator request.

**Action** None. This message is for information only.

**CORD16S** **TARGET ##### ENDED ABNORMALLY**

**Explanation** The daemon terminated abnormally as a result of a previous error.

**Action** A previous message will identify the cause of the abnormal termination. Examine the message and take appropriate recovery action.

**CORD17E** **PRODUCT ### DUPLICATED**

**Explanation** The daemon has detected multiple copies of the PRODUCT= card for a single product.

**Action** Remove the duplicate entries and restart the daemon.

**CORD18E** **TOO MANY PRODUCTS SPECIFIED**

**Explanation** The daemon has detected too many copies of the PRODUCT= card.

**Action** Correct the PRODUCT= cards and restart the daemon.

**CORD19E** **PRODUCT ### - WORK AREA CANNOT BE ALLOCATED**

**Explanation** This is an internal error.

**Action** Contact your technical support representative for assistance.

**CORD20E** **INVALID PARAMETERS - TERMINATING**

**Explanation** The daemon has detected invalid parameter cards and has shut down.

**Action** Correct the parameter cards and restart the daemon.

**CORD21I** **OPERATOR COMMAND PROCESSED SUCCESSFULLY**

**Explanation** An operator command completed successfully.

**Action** None. This message is for information only.

**CORD22E** **LOAD FOR MODULE: ######## FAILED**

**Explanation** The requested module could not be located or loaded.

**Action** Ensure that the requested module is available to the Adabas System Coordinator daemon task.

**CORD23I** **PARAMETERS FOR THIS RUN:**

**Explanation** The parameters in use in this instance of the daemon.

**Action** None. This message is for information only.

**CORD24I** **################ = ################**

**Explanation** Along with CORD23I gives details of the parameters in use in this instance of the daemon.

**Action** None. This message is for information only.

**CORD25E** **### IS AN INVALID PRODUCT NAME**

**Explanation** The daemon has detected invalid an invalid product name.

**Action** Correct the product name and restart the daemon.

**CORD26E** **PROXY MODULE ######## WAS NOT FOUND, PRODUCT ### WILL NOT BE CALLED**

**Explanation** The daemon has been told to run with PRODUCT=*nnn* but cannot find *nnn*PXY.

**Action** Ensure the daemon has access to all the products required and restart the daemon.

**CORD27S** **INVALID PRODUCT TABLE ENTRY FOR ###**

**Explanation** This is an internal error.

**Action** Contact your technical support representative.

**CORD28E** **CAS PROXY MODULE ######## FOR PRODUCT ### IS INVALID (BAD EYECATCHER)**

**Explanation** The requested module could not be located or loaded.

**Action** Contact your technical support representative.

**CORD29E** **CAS PROXY MODULE ######## FOR PRODUCT ### IS NOT SUPPORTED BY THIS VERSION OF CAS**

**Explanation** This is an installation error.

**Action** Ensure that all product libraries used in the daemon are the same version.

**CORD30E** **GETMAIN FOR PRODUCT PARM BLOCK FAILED**

**Explanation** A memory allocation failed during the initialization.

**Action** Increase the region specification for the job.

**CORD31E** **CAB ALLOCATION ERROR IN MODULE SYSCORU**

**Explanation** A memory allocation failed during the initialization of the daemon.

**Action** Increase the region specification for the job.

**CORD33S** **APPEND OF PRODUCT V-CON LIST FAILED.**

**Explanation** Explanation This is an internal error.

**Action** Contact your technical support representative.

**CORD34E** **ASA ALLOCATION ERROR IN MODULE SYSCORU**

**Explanation** A memory allocation failed during the initialization of the daemon.

**Action** Increase the region specification for the job.

**CORD35S** **CONFIGURATION MODULE ###### CORCFG CANNOT BE LOCATED**

**Explanation** The configuration module cannot be loaded. This module contains the SVC, DBID, and file number for reading the configuration file. The daemon will not function correctly without this module.

**Action** Refer to the Adabas System Coordinator Installation documentation for information about assembling a configuration module.

**CORD36S** **SVC/NODE DDCARD INPUT IS INVALID WITH PRODUCT=CAS**

**Explanation** This is an internal error.

**Action** Contact your technical support representative.

**CORD37S** **SYSCO DAEMON member-name NOT FOUND IN CONFIGURATION FILE, RESPONSE=nnnn, SUBCODE=nnnn**

**Explanation** The named Adabas System Coordinator group member was not found in the group in the configuration file. Every daemon must have an equivalent group member parameter.

**Action** Add the member entry for this daemon to the appropriate Adabas System Coordinator group.

**CORD38S** **GROUP group-name NOT FOUND IN CONFIGURATION FILE, RESPONSE=nnnn, SUBCODE=nnnn**

**Explanation** The named group cannot be located.

**Action** An error occurred while searching for the Adabas System Coordinator group parameters. Define the Adabas System Coordinator group. If the problem persists, contact your technical support representative.

**CORD39I** **SHUTDOWN PENDING**

**Explanation** A shutdown request was entered. One or more of the subcomponents of the Adabas System Coordinator daemon suspended the request until it completes its own shutdown processing. The daemon should terminate when this is completed.

**Action** None. This message is for information only.

**CORD40S** **ABEND #### PSW ######## ########**

**Explanation** An error occurred in the Adabas System Coordinator daemon. The registers, PSW, and failing module at the time of the error are displayed. The Adabas System Coordinator writes additional diagnostic information to the CORDUMP file, deletes any common memory pools in use, and terminates.

**Action** Contact your technical support representative.

**CORD41S** **CSECT ######## ENTRY ######## OFFSET ########**

**Explanation** Additional information to CORD40S.

**Action** Contact your technical support representative.

**CORD42S** **MODULE ######## ENTRY ######## OFFSET ########**

**Explanation** Additional information to CORD40S.

**Action** Contact your technical support representative.

**CORD43S** **REGS ##### ######## ######## ######## ########**

**Explanation** Additional information to CORD40S.

**Action** Contact your technical support representative.

**CORD44I** **PROXY ######## LOADED AT ########**

**Explanation** The address of the named proxy module.

**Action** None. This message is for information only.

**CORD45E** **THREAD ######## TIMEOUT, TARGET=#####, USER=########**

**Explanation** The Adabas System Coordinator daemon sent an Adabas command to the indicated target, and has not received a response within the timeout interval as specified by DDCARD parameter `CT`.

**Action** Check that the target database is operating correctly. If the problem persists, try increasing the `CT` timeout value. If there is still a problem, contact your technical support representative.

**CORD46I** ######## **Start pending, configuration file (dbid ##### fnr #####) not active**

**Explanation** An Adabas System Coordinator daemon has been started, but the required configuration file is not active. The daemon will wait for 60 seconds and try again. If the configuration file is still not active after 60 minutes the daemon will terminate.

**Action** Start the database that contains the configuration file.

| | |
|---|---|
| **CORD47S** | **Halt-Load library is not Authorized** |
| **Explanation** | An Adabas System Coordinator daemon has been started from a load library that is not APF-authorized. |
| **Action** | Ensure the specified load library is authorized and restart the daemon. |

| | |
|---|---|
| **CORD49I** | **PRODUCT COMPONENT ENDED -** ### |
| **Explanation** | The named product has ended. |
| **Action** | None. This message is for information only. |

| | |
|---|---|
| **CORD50E** | **Shutdown rejected** |
| **Explanation** | A daemon shutdown request was made, but there are active client DTR jobs connected to the daemon.<br><br>This message will be preceded by message CAS004I, identifying the names of the active DTR job(s). |
| **Action** | Terminate the active client jobs and re-issue the shutdown request. |

| | |
|---|---|
| **CORD51S** | **XCF CQ OVERFLOW – DAEMON RESTARTED** |
| **Explanation** | There has been an overflow in the XCF command queue (see NXC parameter) of the current daemon resulting in a daemon restart. |
| **Action** | None. This message is for information only and indicates an exceptionally high volume of XCF messages in this System Coordinator group. |

| | |
|---|---|
| **CORD52I** | **Configuration file: database / file** |
| **Explanation** | This message shows the database ID and file number of the configuration file in use by this System Coordinator daemon. |
| **Action** | None. This message is for information only. |

| | |
|---|---|
| **CORD53I** | **Alternate file : database / file** |
| **Explanation** | This message shows the database ID and file number of the alternate configuration file in use by this System Coordinator daemon. The message only appears if an alternate configuration file has been specified. |
| **Action** | None. This message is for information only. |

**CORD54W** ######## **shutdown rejected, configuration file** ##### / ##### **not active**

**Explanation** An Adabas System Coordinator daemon has been instructed to terminate, but an alternate configuration file is in use and one or both configuration files is not active. Both configuration files must be available at daemon termination.

**Action** Ensure that the configuration file database(s) are active.

**CORD56E** **Latency file error:** ###### **-** ################### **rc=**########

**Explanation** A latency file error has occurred in the Adabas System Coordinator daemon. The message indicates the function attempted, the reason for failure, and a return code.

Some of the more common reasons for failure are listed below, otherwise contact your technical support representative.

**Action** "BR allocation failure" – review/increase the size of the COLAT latency file.

"### getmain failure" - review and increase the storage available in the daemon region.

**CORD57I** **Recovery for** ######## **found** ######## **sessions at rest**

**Explanation** The Adabas System Coordinator daemon has been restarted after a failure and full crash recovery was active at the time of failure for the job/service indicated. This message identifies the number of sessions recovered for the services/job so they can continue without interruption if possible.

**Action** This message is for information only, no action is needed.

**CORD58I** **Service AbTerm resource manager termination-type term**

**Explanation** The System Coordinator daemon resource manager was invoked at address-space (*termination-type* indicates AddrSpc) or task (*termination-type* indicates Task) termination .

**Action** None. This message is for information only.

**CORD59I** **Resource manager activation failed, rc=hhhhhhhh**

**Explanation** The System Coordinator daemon was unable to activate its resource manager. *hhhhhhhh* indicates a reason for the failure.

**Action** The daemon continues without its resource manager. contact Software GmbH support to establish the reason for the failure.

| | |
|---|---|
| **CORD60S** | **Failure: Continuous Operation has been initiated for** ### |
| **Explanation** | A failure has occurred in the component identified in the message. Continuous operation processing has been invoked to restart the appropriate component(s). |
| **Action** | None. This message is for information only. |

| | |
|---|---|
| **CORD61I** | ### **STORAGE AREA RELEASED** |
| **Explanation** | This is an information message during continuous operation recovery. |
| **Action** | Report it to your technical support representative. |

| | |
|---|---|
| **CORD62E** | **Continuous operation error:** ################## **rc=**####### |
| **Explanation** | The System Coordinator daemon was attempting to recover following a failure but an error occurred trying to do so. |
| **Action** | Contact your technical support representative. |

| | |
|---|---|
| **CORD63I** | **Continuous operation recovery for** ######## **found** ######## **sessions at rest** |
| **Explanation** | The Adabas System Coordinator daemon was restarted following a failure and has recovered the job/service indicated. This message identifies the number of sessions recovered for the services/job so they can continue without interruption. |
| **Action** | None. This message is for information only. |

| | |
|---|---|
| **CORD64S** | **Shutdown activated owing to recursive failure** |
| **Explanation** | There has been more than one failure in a period of 30 minutes. Continuous operation is abandoned and the daemon terminates. |
| **Action** | None. This message is for information only. |

| | |
|---|---|
| **CORD65S** | **SHARED MEMORY ANCHOR AT** ######## |
| **Explanation** | Issued at startup of a Coordinator daemon, this message displays the address of the daemon's shared memory anchor. |
| **Action** | None. This message is for information only. |

| | |
|---|---|
| **CORD66S** | **SHARED MEMORY GETMAIN FAILED** |
| **Explanation** | Issued at startup of a Coordinator daemon, when it has been configured to use shared memory for latency/pulse services but the attempt to allocate shared memory failed. |
| **Action** | The daemon continues, using private memory for latency services (pulse services are disabled). Review the daemon's shared memory definitions and ensure that sufficient shared memory is available. Consider using a dataspace in preference to standard shared memory. |

**CORD70I** **Resource Size Current Highwater**

**Explanation** CORD70I messages are displayed in response to a DRES operator command and show allocated size, current usage and high-water mark for various daemon resources.

**Action** None. This message is for information only.

**CORD71W** **WARNING – XCF CQ 80% FULL**

**Explanation** This is a one time only warning message that the XCF command queue is 80% full, potentially a sign of an imminent overflow.

**Action** Use the DRES operator command to monitor the XCF command queue. If a high percentage continues to be in use, this may indicate a high number of updates to files being optimized by Adabas Fastpath . This is not recommended and should be investigated. Note that if the number continues to increase then an overflow will occur when the maximum XCF command queue entries is reached, resulting in a CORD51S message and daemon auto-restart.

**CORD72E** **MPM FAILURE - FUNCTION: ## ERROR ## JOB=######## SESSION=################**

**Explanation** An error occurred calling ADAMPM when trying to:

- Get the command queue element (CQE) (Function=08)
- Post command completion to caller (Function=12)
- Timeout (Function=36)

**Action** This message indicates a problem with the daemon caller. The message identifies the calling Job and Session ID. It may also be accompanied by an Adabas "User Gone" message (ADAM91 or ADAM92), also identifying the calling Job and Session ID. Examine the calling job to determine the reason for the failure. Probably the job has abnormally terminated.

No action is required in the Coordinator Daemon.

**CORD73E** **Command permitted only for zIIP-enabled daemon**

**Explanation** The use of this operator command requires zIIP support to have been activated in the Daemon.

**Action** In order to activate zIIP support for the Daemon, set ZIIP=YES in the Daemon runtime parameters.

**CORD74I** **zIIP-related statistics: Daemon is executing in {SRB | TCB} mode … (processor-related statistics) … … (CPU consumption statistics) … … (SRB/TCB use statistics) … … (extended pause/release statistics) … … (type-of-work statistics) …**

**Explanation** In response to the operator command DZSTAT, these messages display the zIIP-related statistics of the Daemon.

The first line shows the current execution mode: "SRB" (execution on zIIP enabled) or "TCB" (execution on zIIP disabled).

The following statistics correspond, and are equivalent to, the zIIP-related statistics at the end of the Daemon session statistics. Refer to Monitoring zIIP Usage in section "Adabas System Coordinator for zIIP"in the *Adabas System Coordinator* documentation for detailed information about the various statistical figures.

**Action** None. This message is for information only.

**CORD75I** **Daemon is now executing in TCB mode**

**Explanation** In response to the operator command ZIIP=NO, this message indicates the Daemon is now executing in TCB mode (disabling the use of System z Integrated Information Processors). The ZIIP parameter value was changed to NO, from YES.

**Action** None. This message is for information only.

**CORD76I** **Daemon is already executing in TCB mode**

**Explanation** In response to the operator command ZIIP=NO, this message indicates the Daemon was already executing in TCB mode (disabling the use of System z Integrated Information Processors). The ZIIP parameter value was not changed; it was already NO.

**Action** None. This message is for information only.

**CORD77I** **Daemon is now executing in SRB mode**

**Explanation** In response to the operator command ZIIP=YES, this message indicates the Daemon is now executing in SRB mode (enabling the use of System z Integrated Information Processors). The ZIIP parameter value was changed to YES, from NO.

**Action** None. This message is for information only.

**CORD78I** **Daemon is already executing in SRB mode**

**Explanation** In response to the operator command ZIIP=YES, this message indicates the Daemon was already executing in SRB mode (enabling the use of System z Integrated Information Processors). The ZIIP parameter value was not changed; it was already YES.

**Action** None. This message is for information only. .

**CORD79I** **Operator command not executable**

**Explanation** The command entered is not executable.

**Action** This message should be preceded by another message which explains the reason why this command could not be executed.

**CORD80E** **Unable to check license**

**Explanation** An internal error has occurred during license validation processing.

**Action** First verify that the LICMAIN (MLC) module is available in the STEPLIB, otherwise increase the region size available to the Adabas System Coordinator Daemon..

**CORD81E** **Error opening license file (DDLAZPAD)**

**Explanation** An error occurred opening the license file specified by the DDLAZPAD statement.

**Action** Omit the DDLAZPAD statement and use the load module method of licensing instead.

**CORD82E** **Error reading license file (DDLAZPAD)**

**Explanation** An empty file or invalid record structure was detected.

**Action** Verify that the license file has been copied correctly to the license data set. The file should not be empty and the data should not have been converted to EBCDIC (it should be in ASCII format).

**CORD83E** **License file size exceeds limit**

**Explanation** The license being read is larger than expected.

**Action** Verify that you are using the original license file obtained from Software GmbH.

**CORD84E** **Error license function fx subfunction sfx returned err**

**Explanation** An unexpected error occurred while performing the Adabas System Coordinator for zIIP license check. The license function (*fx*), subfunction (*sfx*) and return code (*err*) are given in the message.

**Action** Examine the Adabas System Coordinator Daemon JCL and verify that the AZPAD license is available as load module AZPADLIC or is assigned with the link (DD) name DDLAZPAD.

**CORD85I** **License check completed**

**Explanation** The license check completed successfully and the Adabas System Coordinator Daemon is started.

**Action** None. This message is for information only.

**CORD86E** **License check failed (AZPAD)**

**Explanation** The license file is physically correct, but some license property was found that did not match your Adabas System Coordinator Daemon execution environment. This is a final message, accompanied by another message specifying details of the failure. The Adabas System Coordinator Daemon is started but will execute in TCB mode (disabling the use of System z Integrated Information Processors). The ZIIP parameter value was changed to NO, from YES.

**Action** Check the accompanying message(s) for the details of the failure. If necessary, contact your technical support representative.

**CORD88I** **…daemon statistics...**

**Explanation** In response to the operator command DSTAT, these messages display either general, disk or services related daemon statistics.

Refer to the DSTAT operator command in section Daemon Operator Commands of the *Adabas System Coordinator* documentation for detailed information regarding the statistics provided.

**Action** None. This message is for information only.

**CORD89I** **Connected to Cache Facility structure** ################

**Explanation** The daemon has succeeded in connecting to the named Cache Facility structure. This message is only applicable to members of a daemon group which has been defined with a Sysplex Cache Structure Name.

**Action** None. This message is for information only.

**CORD90I** **COLAT Statistics:**

**Explanation** These messages are displayed at Daemon start-up and show general information about the size and usage of the COLAT latency disk file. Disk blocks are allocated on demand for Jobs/Services defined to use Disk Latency.

**Action** None. This message is for information only.

**CORD91I** **CORD91I File ######## is encrypted**

**Explanation** The COR daemon runtime parameter ENCRYPTION is set to YES and the file/dataset being opened (denoted by ########) is encrypted.

**Action** None. This message is for information only.

**CORD92E** **Loaded modules do not support ENCRYPTION**

**Explanation** The Adabas System Coordinator daemon runtime parameter ENCRYPTION is set to YES but the available modules are not correct and do not fully support Adabas Encryption. The Adabas System Coordinator daemon refuses to start.

**Action** Review and correct the STEPLIB concatenation to ensure that the Adabas Encryption load library precedes the Adabas load library.

**CORD96E** **AZPAD license check failed: setting ZIIP=NO**

**Explanation** The AZPAD license check failed and ZIIP support has been disabled for the Adabas System Coordinator daemon.

**Action** In order to activate the product, provide a valid license from the start or replace the old license file or load module and issue a `LICREFRESH` operator command.

**CORD98E** **COR license check failed; jobs may not register for daemon services**

**Explanation** The Adabas System Coordinator daemon license check has failed. Client jobs whose client runtime controls are configured to require the use of COR Daemon services (for example, Daemon Latency) will not be able to initialize, resulting in a COR079E message being issued and client commands being rejected with an RSP101/59.

**Action** Make a valid COR license available to the Adabas System Coordinator daemon and issue a `LICREFRESH` operator command. On a successful license check, a CORD100I message will be issued. Restart any client jobs that were previously unable to initialize.

**CORD99E** **AFP license check failed; jobs may not connect or optimize commands**

**Explanation** The Adabas Fastpath license check (performed on behalf of Adabas Fastpath by the Adabas System Coordinator daemon when the Daemon runtime parameter PRODUCT=AFP is specified) has failed. Client jobs configured to use Adabas Fastpath will not be able to connect to their local Fastpath Buffer, and therefore no Fastpath optimization will occur for those jobs

**Action** Make a valid AFP license available to the Adabas System Coordinator daemon and issue a `LICREFRESH` operator command. On a successful license check, a CORD101I message will be issued. Client jobs periodically attempt a reconnection to the Fastpath Buffer, so there may be no need to restart client jobs. If a faster reconnection is required, restart client jobs.

| | |
|---|---|
| **CORD100I** | **COR license check passed; jobs may now register for daemon services** |
| **Explanation** | This message is issued after a previous CORD98E message and a successful `LICREFRESH` operator command, indicating that the updated COR license is now valid. |
| **Action** | Restart any client jobs that were previously unable to initialize. |

| | |
|---|---|
| **CORD101I** | **AFP license check passed; jobs may now connect and optimize commands** |
| **Explanation** | This message is issued after a previous CORD99E message and a successful `LICREFRESH` operator command, indicating that the updated AFP license is now valid. |
| **Action** | Client jobs periodically attempt a reconnection to the Fastpath Buffer, so there may be no need to restart client jobs. If a faster reconnection is required, restart any client jobs that were previously unable to connect to the Fastpath Buffer. |

# 53 CWARN* - Caching Facility Error Messages

When errors are detected during the processing of the input statements, the appropriate warning message is displayed indicating the cause of error. The remaining portion of the statement is ignored and processing continues with the next statement. All input statements and warning messages are displayed only on DDPRINT.



**Note:** Messages generated during Adabas Caching Facility operations are documented in *Adabas Console Messages (ADANnn)* starting with ADAN80.

| | |
|---|---|
| **CWARN-126** | **Illegal RABN range, overlapping extents** |
| **Explanation** | A CASSO*xxx* or CDATA*xxx* parameter specified a RABN range that overlaps a previously specified RABN range. Adabas Caching Facility ignores this latest RABN range. |
| **CWARN-127** | **Illegal starting/ending RABNs** |
| **Explanation** | A CASSO*xxx* or CDATA*xxx* parameter specified an invalid RABN; that is, a RABN equal to zero, or an ASSO RABN range that falls entirely within the restricted ASSO RABNs 1-30. |
| **CWARN-128** | **Retry < 60, setting to 60** |
| **Explanation** | The CRETRY parameter must be set between 60 and 2,147,483,647. The specified value is less than 60; the default is 60. |

**CWARN-129** **RABN(s) outside of GCB, RABN(s) ignored**

**Explanation** A CASSO*xxx* or CDATA*xxx* parameter specified a RABN range that exceeded the highest RABNs contained in the GCBs. Adabas Caching Facility ignores the remaining parameters that specify RABN ranges.

**CWARN-130** **A/D DSS < 81,920, using default size**

**Explanation** A CASSOMAXS or CDATAMAXS parameter specified a value less than 81,920. The default for CASSOMAXS or CDATAMAXS os used.

**CWARN-131** **CRETRY > 2,147,483,647, setting to maximum**

**Explanation** The CRETRY parameter must be set between 60 and 2,147,483,647. The specified value is greater than the maximum; the default is the maximum 2,147,483,647.

**CWARN-132** **CWORK2FAC/CWORK3FAC cannot exceed 100**

**Explanation** The percentage factor cannot exceed 100 percent. The invalid factor is ignored, and the default 0 is taken.

**CWARN-133** **CMAXCSPS > 16, setting to 16**

**Explanation** The CMAXCSPS parameter must be set between 1 and 16. The specified value is greater than 16; the default is 16.

**CWARN-134** **Incorrect CSTO or CWORKSTO storage type**

**Explanation** A CSTORAGE or CWORKSTORAGE parameter did not specify extended memory, data space, hiperspace, or 64-bit virtual storage. If the error occurred for CSTORAGE, no storage type is established. If the error occurred for CWORKSTORAGE, the default type of DATASPACE is established.

**CWARN-135** **CBUFNO is invalid in a cluster environment**

**Explanation** The CBUFNO parameter is not supported in a cluster environment. Adabas Caching Facility ignores the parameter.

**CWARN-136** **CEXCLUDE is invalid in a cluster environment**

**Explanation** The CEXCLUDE parameter is not supported in a cluster environment. Adabas Caching Facility ignores the parameter.

**CWARN-140** **File caching parameter error; invalid {xxxx}**

**Explanation** While processing a request to start caching for a file, an error was encountered in the data supplied on the request. This can be caused by errors in CFILE parameters, CFILE operator commands, or operator requests. The request is rejected and the file is not cached.

| | | |
|---|---|---|
| *XXXX* | description of error as follows: | |
| | File number | file number does not exist |
| | Scope | the scope is not ASSO, DATA, or BOTH |
| | Class of service | the class is not 1 through 5 |
| | Cache type | the type is not extended memory, data spaces, hiperspace, or 64-bit virtual storage. |

**Note:** Virtual 64 and h i perspace are not available i n all environments and, if requested, may generate the above error.

**Action** Correct the invalid CFILE parameter, correct the CFILE operator command, and reissue it or issue a valid Adabas Online System request.

# 54 DSF* - Delta Save Facility Messages


- Nucleus-Related Console Messages (DSF001 - DSF029, DSF02A-D) ..... 924
- Utility-Related Job Protocol Messages for ADARES and ADASAV (DSF030 - DSF099) ..... 929

This section lists and describes all messages that can occur when operating the Adabas Delta Save Facility Facility.

For messages displayed on the operator console, each line begins with the message number followed by the database ID. For messages returned in the job protocol, the message number occurs only once and the database ID is not displayed.

## Nucleus-Related Console Messages (DSF001 - DSF029, DSF02A-D)

This section lists and describes all messages displayed by the Delta Save Facility during an Adabas nucleus session. These messages all appear on the operator console.

| | |
|---|---|
| **DSF001** | **Running with Delta Save Facility** |
| **Explanation** | The nucleus has been started with ADARUN parameter DSF=YES. Delta Save functions can be performed in this nucleus session. |

| | |
|---|---|
| **DSF002** | **The DSF logging area is not installed** |
| **Explanation** | This is a Delta Save Facility status message. Delta save operations require a Delta Save logging (DLOG) area, which must be created. |
| **Action** | To run with Delta Save, use the Adabas Online System Install DSF function to define the logging area. |

| | |
|---|---|
| **DSF003** | **DSF logging is disabled** |
| **Explanation** | This is a Delta Save Facility status message. Delta save operations are not possible. |

| | |
|---|---|
| **DSF004** | **DSF logging is enabled** |
| **Explanation** | This is a Delta Save Facility status message. Delta save operations are possible in this status. |

| | |
|---|---|
| **DSF005** | **{count} DLOG area blocks out of {total} used ({nn}%)**<br>**Pending DLOG area overflow; perform Delta Save operation** |
| **Explanation** | This message indicates how much of the Delta Save logging (DLOG) area is being used. The second line of the message is only printed if the DLOG area usage is 90 percent or more; that is, nearly full. If the area overflows, Delta Save operations will no longer be possible. |
| **Action** | If DLOG area overflow is pending, perform a Delta Save operation before the area overflows. |

**DSF006** **DSF logging area not initialized**
**Reinstall the DLOG area**

**Explanation** Initialization of the Delta Save logging (DLOG) area was interrupted. The DLOG area must be installed again.

**Action** Remove the DLOG area and install it again.

**DSF007** **DSF logging area not initialized**
**DSF logging not enabled at end of save**

**Explanation** Initialization of the Delta Save logging (DLOG) area was interrupted. An online full save operation was completed but Delta Save logging was not enabled at the end of the save. Delta save operations are still not possible.

**Action** Remove the DLOG area and install it again. Perform another full save operation.

**DSF008** **I/Os initiated by Delta Save Facility:**
**{read-count} reads, {write-count} writes**

**Explanation** This message, which is printed during shutdown of the Adabas nucleus, indicates the number of I/O operations initiated by Delta Save during the current nucleus session.

**DSF011** **Online full save operation completed**

**Explanation** Unless this message is displayed, an online full save operation with the Delta Save Facility is not successful, even though ADASAV may have already closed the output save data set.

**Action** The Delta Save logging area is reset. If Delta Save logging was disabled, it will be enabled.

**DSF012** **Online Delta Save operation completed**

**Explanation** Unless this message is displayed, an online Delta Save operation is not successful, even though ADASAV may have already closed the output save data set.

**Action** The Delta Save logging area is reset.

**DSF013** **Delta Save ID = {fsnum} / {dsnum} / {date-time}**

**Explanation** This message follows messages DSF005, DSF011, or DSF012. It displays the Delta Save identification of the most recent completed full or Delta Save operation. *fsnum* is the full save number, and *dsnum* is the number of the Delta Save operation.

**DSF014** **DSF login has been enabled**

**Explanation** This message follows messages DSF011 and DSF013 if Delta Save logging was previously disabled. It was enabled at the end of the operation. Delta save operations are now possible.

**DSF015** **Disable DSF requested by AOS command**

**Explanation** A Disable DSF command was issued by Adabas Online System.

**Action** Delta Save logging will be disabled.

**DSF016** **DSF logging has been disabled**

**Explanation** The reason for this follows from a preceding message. Delta save operations are no longer possible.

**Action** Perform a full save operation before retrying a Delta Save operation.

**DSF017** **Initializing the DSF logging area**

**Explanation** An Install DSF or Change DLOG Area command has been issued through Adabas Online System.

**Action** The Delta Save logging area is now being initialized. Message DSF018 indicates that initialization is complete.

**DSF018** **The DSF logging area has been {installed | changed}**

**Explanation** An Install DSF or Change DLOG Area command was completed.

**DSF019** **The DSF logging area has been removed**

**Explanation** A Remove DSF command was performed, or the nucleus was started with DSF=NO and has removed the Delta Save logging area.

**DSF020** **DSF logging area overflow**

**Explanation** The volume of changes made to the database exceeded the capacity of the Delta Save logging (DLOG) area. The DLOG area is full. No more Delta Save operations are possible.

Delta Save logging will be disabled.

**Action** Perform a full save operation before retrying a Delta Save operation. Increase the DLOG area or the frequency of Delta Save operations in order to avoid future DLOG area overflow.

**DSF021** **I/O error {reading | writing } DLOG RABN {rabn}**

**Explanation** An I/O error occurred within the Delta Save logging (DLOG) area on the specified Associator RABN.

If Delta Save logging is enabled, it will be disabled.

**Action** Determine the cause of the I/O error and eliminate it. Remove the DLOG area and install it again.

**DSF022** **Fatal I/O error {reading | writing} DLOG header RABN {rabn}**

**Explanation** An I/O error occurred on the first block (the specified RABN) of the Delta Save logging (DLOG) area.

**Caution:** Warning: Do not try to execute a Delta Save operation if this error occurs. Even though the Delta Save may end successfully, the output may be invalid.

The Delta Save Facility terminates the nucleus abnormally.

**Action** Determine the cause of the I/O error and eliminate it. Remove the DLOG area and install it again.

**DSF023** **DLOG area header RABN {rabn} bad ( # {rr} )**
**Reinstall DLOG area or**
**DLOG area detail RABN {rabn} bad ( # {rr} at +{xxxx}**
**Reinstall DLOG area**

**Explanation** An inconsistency was detected in the specified block (*rabn*) of the Delta Save logging (DLOG) area. *rabn* is the Associator block number, *rr* is an internal reason code, *xxxx* the offset within the block where the error appeared.

If Delta Save logging is enabled, it will be disabled.

**Action** Determine the cause of the problem; consult your technical support representative if necessary. Remove the DLOG area and install it again.

**DSF024** **Inconsistent Delta Save ID in DLOG RABN {rabn}**

**Explanation** An inconsistency was detected in the specified block (*rabn*) of the Delta Save logging (DLOG) area. *rabn* is the Associator block number.

If Delta Save logging is enabled, it will be disabled.

**Action** Determine the cause of the problem; consult your technical support representative if necessary. Remove the DLOG area and install it again.

**DSF025** **DSF logging not disabled because READONLY=YES**

**Explanation** An attempt to disable Delta Save logging failed because the nucleus was started with READONLY=YES.

Another attempt will be made to disable Delta Save logging in the next nucleus session.

**Action** Shut down the nucleus and restart it with READONLY=NO so that Delta Save logging can be disabled.

**DSF026** **Unlogged RABN(s) detected: {type start-rabn end-rabn}**

**Explanation** An internal cross-check detected that database blocks were written that had not been logged by Delta Save. The type (Asso/Data) and range of RABNs written are displayed.

Delta Save logging will be disabled.

**Action** This is a serious problem. Contact your technical support representative. Perform a full save operation before retrying a Delta Save operation.

**DSF027** **Insufficient memory (trying to allocate {count} bytes)**

**Explanation** The Delta Save Facility was not able to obtain sufficient memory for its operation. The number of bytes of memory specified by *count* were requested.

The start of the nucleus session is ended.

**Action** Increase the region of the nucleus job/task or decrease the memory requirements derived from the nucleus parameters.

**DSF028** **DSF version mismatch; reinstall DLOG area**

**Explanation** The version of the Delta Save Facility software and the version of the Delta Save logging (DLOG) area are different and incompatible.

If Delta Save logging is enabled, it will be disabled.

**Action** Remove the DLOG area and install it again.

**DSF028** **Converting from DSF {xx} to DSF {yy}**

**Explanation** The format of the Delta Save logging (DLOG) area is converting from version *xx* to version *yy*. This occurs during conversion of an older Adabas version to a newer one.

Depending on the versions of the Delta Save Facility (that is, *xx* and *yy*), Delta Save logging may be disabled if it is enabled.

**Action** If Delta Save logging is disabled, perform a full save operation before retrying a new Delta Save operation.

**DSF029** **DSF internal error at ADADSFN + {offset} ({reason-code})**
**R0-R3 {xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx}**
**R4-R7 {xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx}**
**R8-R11 {xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx}**
**R12-R15 {xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx}**

**Explanation** An internal error occurred at the specified *offset* in module ADADSFN. *reason-code* is an internal reason code. The register settings at the time of the error are shown.

If Delta Save logging is enabled, it will be disabled.

**Action** Consult with your technical support representative to determine the cause of the problem. Perform a full save operation before retrying a Delta Save operation.

**DSF02A** **Percentage error in DSF user exit; {nn}% is used**

**Explanation** The DSF user exit returned an invalid threshold value (percentage of DLOG area usage at or above which Adabas is to call the exit).

Adabas calls the DSF user exit when the usage of the DLOG area is nn% or more.

**DSF02C** **Current DLOG block not found in cache, read from disk**

**Explanation** The DLOG block currently referenced is not in the coupling facility cache structure and must be read anew from the disk data sets.

**DSF02C** **Current DLOG block written to cache**

**Explanation** The DLOG block currently referenced is already held in the coupling facility cache structure.

**DSF02D** **Write of current DLOG block to cache failed**

**Explanation** An attempt to write the DLOG block currently referenced from a disk data set to the coupling facility cache structure failed. Probably, the cache structure is full.

**Action** Enlarge the size of the cache.

## Utility-Related Job Protocol Messages for ADARES and ADASAV (DSF030 - DSF099)

The messages in this section are displayed by the Delta Save Facility during ADARES or ADASAV utility execution. They can occur in Adabas utility operations, either as direct utility messages or as the result of utility-related nucleus operation.

Most messages appear in the utility job protocol (DDDRUCK); others appear in the ADARUN protocol (DDPRINT). A few messages appear in the utility job protocol as well as on the operator console; this is indicated in the explanation of these messages.



**Note:** Messages begin with the relevant database ID when they are written to the operator console.

**DSF030** **DSIM dataset omitted from PLCOPY processing**

**Explanation** The ADARUN parameter DSF=YES was specified for a PLCOPY execution but no Delta Save images (DSIM) data set was supplied in the job control.

No system action occurs; no online save information is extracted from the protection log.

**Action** If Delta Save online save and merge operations are to be performed, specify a DSIM data set for the PLCOPY executions.

**DSF031** **SYN1 checkpoint encountered on protection log PLOGNUM={plog-number} BLOCKNUM={rabn}**

**Explanation** A SYN1 checkpoint (online save start) was found on the protection log. The protection log number is *plog-number*, the SYN1 block number is *rabn*.

The Delta Save Facility starts extracting online save information from the protection log and writing it to the Delta Save images (DSIM) data set.

**DSF032** **SYN2 checkpoint encountered on protection log PLOGNUM={plog-number} BLOCKNUM={rabn}**

**Explanation** A SYN2 checkpoint (online save end) was found on the protection log. The protection log number is *plog-number*, the SYN2 block number is *rabn*.

The Delta Save Facility stops extracting online save information from the protection log. The Delta Save images (DSIM) data set is marked ready for merge.

**DSF033** **SYN1 checkpoint ignored on protection log. PLOG and block numbers different from parameters checkpoint found has PLOGNUM={plog-number}, SYN1={block-number}**

**Explanation** A SYN1 checkpoint (online save start) was found on the protection log. The protection log number is *plog-number*, the SYN1 block number is *block-number*. These values are different from the PLOGNUM and SYN1 parameters specified for the COPY function.

The Delta Save Facility does not start extracting online save information from the protection log. The SYN1 checkpoint is ignored.

**DSF033** **SYN1 checkpoint ignored on protection log DSIM dataset already completed**

**Explanation** A SYN1 checkpoint (online save start) was found on the protection log but the Delta Save images (DSIM) data set is by now ready for merge.

The SYN1 checkpoint is ignored.

**DSF033** **SYN1 checkpoint ignored on protection log DSIM dataset status incorrect: {status-code}**

**Explanation** A SYN1 checkpoint (online save start) was found on the protection log but the Delta Save images (DSIM) data set is not in a correct status. The current DSIM status *status-code* is shown.

The SYN1 checkpoint is ignored.

**Action** Rebuild the DSIM data set using the ADARES COPY function.

**DSF033** **SYN1 checkpoint ignored on protection log online save operation started afterwards**

**Explanation** A SYN1 checkpoint (online save start) was found on the protection log but was written before the start of the online save operation associated with the DSIM data set. Therefore, the checkpoint does not indicate the start of the online save operation for which information is to be extracted from the protection log.

The SYN1 checkpoint is ignored.

**Action** None. If there is only one SYN1 checkpoint on the protection log to be copied and the message cannot be otherwise explained, check whether the Adabas nucleus and the ADASAV utility that is executing the online save operation were running on different machines or on different divisions of the same machine. If so, ensure that the local times of these two machines or divisions are accurately synchronized.

**DSF034** **SYN2 checkpoint ignored on protection log DSIM dataset status incorrect: {status-code}**

**Explanation** A SYN2 checkpoint (online save start) was found on the protection log but the previous SYN1 checkpoint was ignored because of the incorrect status of the Delta Save images (DSIM) data set. The current DSIM status *status-code* is shown. See the corresponding DSF033 message.

The SYN2 checkpoint is ignored.

**Action** Rebuild the DSIM data set using the ADARES COPY function.

**DSF036** **DSIM dataset opened with status: {status}**

**Explanation** (printed on the ADARUN protocol) The Delta Save images (DSIM) data set has been opened. Its current status is shown.

**DSF037** **DSIM dataset status changed to: {status}**

**Explanation** (printed on the ADARUN protocol) The Delta Save images (DSIM) data set status has been changed to the new one shown.

**DSF038** **DSIM dataset closed with status: {status}**

**Explanation** (printed on the ADARUN protocol) The Delta Save images (DSIM) data set has been closed. Its current status is shown.

**DSF039** **DSIM dataset completed DSIM dataset statistics: {nn}% full {asso-count} ASSO block images written {data-count} DATA block images written {ac-count} new AC blocks recorded**

**Explanation** The Delta Save images (DSIM) data set has been completed and marked ready for merge. Statistics displayed include

- its percentage of use;
- the number of Asso and Data block images contained in the DSIM data set (block counts do not differentiate several images of the same block); and
- the number of address converter blocks allocated during the associated online save operation and recorded in the DSIM data set.

**DSF040** **[{dbid}] Waiting for DSIM dataset**

**Explanation** This message, which is printed on the operator console with a *dbid* and on the ADARUN protocol without a *dbid*, indicates that the Delta Save images (DSIM) data set is not yet ready for merge. The DSIMWAIT parameter has been specified to wait for the completion of the DSIM data set.

The Delta Save Facility waits until the DSIM data set is ready for merge, or until the maximum wait time (DSIMWAIT) has been exceeded.

**DSF041** **DSF logging area {nn}% full at begin of save**

**Explanation** This message indicates how much of the Delta Save logging (DLOG) area is already being used at the beginning of a Delta Save operation.

**DSF042** **[{dbid}] {offline | online} {full | delta} save operation completed DSID= {fsnum dsnum date-time}**

**Explanation** The specified type of save operation was completed successfully. The ID of the Delta Save operation (DSID) is displayed: *fsnum* and *dsnum* are the numbers of the full and Delta Save operation, respectively.

For an offline save operation, this message is also written to the operator console with a *dbid*. For an online save, the Adabas nucleus writes equivalent information in the DSF011-DSF013 messages.

For an offline save operation, the Delta Save logging (DLOG) area is reset. For a full save operation, if Delta Save logging was disabled, it will be enabled

- by ADASAV for an offline save operation; or
- by the nucleus for an online save operation.

**DSF043** **[{dbid}] DSF logging enabled by offline full save**

**Explanation** This message occurs following message DSF042. Delta Save operations are now possible. Unless this message is displayed, an offline full save operation with the Delta Save Facility is not successful, even though ADASAV may have already closed the output save data set.

This message is also written to the operator console with a *dbid*.

**DSF044** **Delta Save statistics: {asso-count} ASSO blocks to be saved {data-count} DATA blocks to be saved**

**Explanation** (printed at the beginning of a Delta Save operation) The number of Associator and Data Storage blocks to be saved.

**DSF045** **Input {offline | online} {full | data} save tape opened DSID= {fsnum lowdsnum-hidsnum date-time}**

**Explanation** In a MERGE or RESTORE DELTA operation, an input save data set with the stated Delta Save identification was opened. *fsnum* is the full save number; *lowdsnum* the low Delta Save number, and *hidsnum* the high Delta Save number of the save data set.

**DSF045** **Input {offline | online} Delta Save tape opened (concatenated) DSID= {fsnum lowdsnum-hidsnum date-time}**

**Explanation** In a MERGE or RESTORE DELTA operation, an input Delta Save data set with the stated Delta Save identification was opened. The Delta Save data set was concatenated to another Delta Save data set. *fsnum* is the full save number; *lowdsnum* the low Delta Save number, and *hidsnum* the high Delta Save number of the save data set.

**DSF045** **Input online Delta Save tape opened (unloaded DSIM) DSID= {fsnum / dsnum / date-time}**

**Explanation** In a MERGE or RESTORE DELTA operation, an input online Delta Save data set with the stated Delta Save identification was opened. The Delta Save data set is an unloaded DSIM data set. *fsnum* is the full save number; *dsnum* the Delta Save number of the save data set. If the originating DSIM data set was (re)built from the PLOG using the ADARES COPY function, the DSID is unknown and shown as zeros.

**DSF046** **Restored delta without full save input DSID of database = {fsnum hidsnum date-time}**

**Explanation** In a delta restore operation without full save input the database has the stated Delta Save identification. The associated full and Delta Save data sets were restored previously. The value *fsnum* denotes the full save number, *hidsnum* is the highest Delta Save number of the save data sets already restored.

**DSF047** **[{dbid}] Output offline {full | delta} save tape completed DSID= {fsnum lowdsnum-hidsnum date-time}**

**Explanation** In a MERGE operation, the indicated output save data set has been completed. Its Delta Save identification is shown. *fsnum* denotes the full save number. *lowdsnum* is the low Delta Save number and *hidsnum* is the high Delta Save number.

This message is also written to the operator console with a *dbid*.

**DSF047** **[{dbid}] Output online Delta Save tape completed (unloaded DSIM) DSID= {fsnum dsnum date-time}**

**Explanation** In a MERGE operation, an unloaded DSIM Delta Save data set with the Delta Save identification shown has been written. *fsnum* denotes the full save number; *dsnum* is the Delta Save number. If the originating DSIM data set was (re)built from the PLOG using the ADARES COPY function, the DSID is unknown and shown as zeros.

This message is also written to the operator console with a *dbid*.

**DSF048** **[{dbid}] Restore of {(merged) full | (concatenated) delta } save tape [ (s) ] completed restored Delta Save ID= {fsnum lowdsnum-hidsnum / date-time}**

**Explanation** A phase of a delta restore operation has been completed. One or more save tapes have been restored. Their combined Delta Save identification is shown. A subsequent delta restore operation without full save input may begin with the Delta Save data set that has the next higher Delta Save identification. *fsnum* is the full save number. The value *lowdsnum* is the low Delta Save number, and *hidsnum* is the high Delta Save number.

This message is also written to the operator console with a *dbid*.

**DSF049** **DSIM dataset statistics: {asso-count} ASSO blocks present {data-count} DATA blocks present**

**Explanation** This message is printed when the Delta Save images (DSIM) data set is examined and matches one of the online save input data sets. It is also printed when the DSIM data set is to be unloaded. The DSIM data set contains *asso-count* different Associator blocks and *data-count* different Data blocks to take part in the operation.

**DSF050** **DSF logging are not installed**

**Explanation** Without a Delta Save logging (DLOG) area installed and Delta Save logging enabled, it is not possible to perform Delta Save operations.

The Delta Save operation is abnormally terminated.

**Action** Use Adabas Online System to install a DLOG area and perform a full save operation to enable Delta Save logging.

**DSF051** **DSF logging not enabled**

**Explanation** Delta Save logging must be enabled before Delta Save operations are possible.

The attempted Delta Save operation is abnormally terminated.

**Action** Perform a full save operation to enable Delta Save logging.

**DSF052** **DSIM dataset omitted from online save operation**

**Explanation** When running with Delta Save (ADARUN parameter DSF=YES is specified), a Delta Save images (DSIM) data set must be provided for an online full or Delta Save operation.

The online save operation is abnormally terminated.

**Action** Supply a DSIM data set for the online save operation or perform the save operation offline.

**DSF053** **DSIM dataset not ready for save**

**Explanation** The Delta Save images (DSIM) data set must be "not in use" to be eligible for a Delta Save Facility online save operation. The current status of the DSIM data set is different, as shown.

The online save operation is abnormally terminated.

**Action** Determine whether the DSIM data set is required for merging a previously created online save tape. If not, reset the DSIM data set (using ADAFRM function DSIMRESET) and rerun the save operation.

**DSF054** **Online save failed at ET synchronization**

**Explanation** Execution of ET-synchronization at the end of the online save operation was not successful. The Delta Save logging (DLOG) area was not reset. Delta Save logging remains disabled if it was disabled before, or enabled if it was enabled before. A subsequent ADASAV error message indicates the nucleus response code for the failed ET-synchronization.

Although it has already been closed, the created save data set must not be used for later merge or restore operations.

The online save operation is abnormally terminated.

**Action** Eliminate the cause of the error and rerun the online save operation.

**DSF055** **Online save successful in spite of nucleus response**

**Explanation** Execution of ET-synchronization at the end of the online save operation was successful. The Delta Save logging (DLOG) area was reset. Afterwards, an error occurred and caused a nucleus response code to be returned to ADASAV. A subsequent ADASAV error message indicates the response code returned by the nucleus. If Delta Save logging was disabled before, it has been enabled.

ADASAV prints an error message but continues operation. When terminating normally, it will set condition code 4.

**Action** The created save tape is valid and may not be dropped if Delta Save operations are to follow later on. Otherwise the succeeding Delta Save data sets cannot be merged and/or restored.

**DSF057** **Unloading DSIM dataset**

**Explanation** Only the DSIM data set has been specified for processing. No full or Delta Save input data set has been supplied.

**Action** ADASAV unloads the DSIM data set to the sequential output save data set and frees the DSIM data set for the next online save operation.

**DSF058** **[{dbid}] Full save tape restored-DSF logging enabled restored Delta Save ID = {fsnum / lowdsnum - hidsnum / date-time}**

**Explanation** A full save tape created by the Delta Save Facility was restored. The Delta Save identification of the restored database is shown. *fsnum* is the full save number; *lowdsnum* is the low delta save number; and *hidsnum* is the high Delta Save number of the save data sets restored.

This message is also written to the operator console with a *dbid*.

Delta Save logging was enabled in the restored database.

**Action** The next save operation can be a Delta Save. Its result can be merged with the full save that was input to the restore operation.

**DSF059** **Removing DSF logging area (DSF=NO specified)**

**Explanation** A full save created by the Delta Save Facility is to be restored but the ADARUN parameter DSF=NO has been specified.

The Delta Save logging (DLOG) area will be removed. The restore operation continues normally.

**Action** None required. If the restored database is to be run with the Delta Save Facility, install the DLOG area again.

**DSF060** **Insufficient inputs for merge or restore delta**

**Explanation** The input data set requirements for

- functions MERGE and RESTORE DELTA: at least one full or Delta Save data set must be supplied.
- unloading the DSIM data set (function MERGE): only the DSIM data set must be supplied. No full or Delta Save input is allowed.

The MERGE or RESTORE DELTA operation is abnormally terminated.

**Action** Supply suitable input data sets. If the function is RESTORE DELTA, rerun the job with RESTORE instead of RESTORE DELTA.

**DSF061** **Input save tape coming from wrong database**

**Explanation** In a merge or delta restore operation, the database ID of an input save data set is different from that specified in the ADARUN DBID parameter. Both database IDs are shown.

The merge or delta restore operation is abnormally terminated.

**Action** Supply the proper save tape or correct the ADARUN DBID parameter.

**DSF062** **Invalid specification of input data sets in JCL**

**Explanation** In a merge or delta restore operation, the input save data sets are not specified correctly:

- a Delta Save data set is supplied instead of a full save data set;
- a full save data set is supplied instead of a Delta Save data set;
- a gap exists in the DD names for the Delta Save data sets;
- a save data set was not created by a save operation with the Delta Save Facility;
- a save data set was not created at the current Adabas level;
- the input data set does not contain a save data set header record;
- the input data set was not created by ADASAV.

The merge or delta restore operation is abnormally terminated. The DD name of the offending input data set is displayed.

**Action** Supply the proper input save tapes and rerun the job.

**DSF063** **DSIM dataset missing or in wrong status**

**Explanation** The original or unloaded Delta Save images (DSIM) data set is required for processing an online save data set in a MERGE or RESTORE DELTA operation, but it either

- has not been specified;
- has an incorrect status; or
- has been specified in the wrong logical sequence.

The MERGE or RESTORE DELTA operation is abnormally terminated.

**Action** Provide the correct DSIM data set; rebuild it if necessary. Rerun the job.

**DSF065** **Input full and Delta Save tapes not fitting together**

**Explanation** The specified input full and Delta Save data sets do not cover a continuous sequence of save operations. Their Delta Save identifications (DSIDs) do not match, because one or more of the following is true:

- the full save numbers are not the same;
- the sequence of delta save numbers is not ascending without gaps (overlapping delta save numbers are allowed);
- in the sequence of full and Delta Save inputs, unloaded DSIM data sets are not specified directly after the associated online save.
- the dates and times are not ascending.

For a RESTORE DELTA operation without full save input, the DSID of the database takes part in this matching of DSIDs. The DSIDs matched have been displayed in previous messages.

The MERGE or RESTORE DELTA operation is abnormally terminated.

**Action** Provide the correct input save data sets in the correct sequence. Rerun the job.

**DSF066** **DSIM dataset does not match online save tape**

**Explanation** A provided original or unloaded Delta Save images (DSIM) data set is not the one associated with the specified input online save data set. It does not contain the block images written during the online save operation that created the save data set.

The DSIM data set's full save number, Delta Save number, and database ID are shown. Further, the protection log number and protection log block number of the save operation's SYN1 checkpoint are displayed for both the DSIM data set and the online save data set. For associated online save and DSIM data sets, these SYN1-related numbers must be identical.

The MERGE or RESTORE operation is abnormally terminated.

**Action** Provide the right DSIM data set and/or input save data sets. Rerun the job.

**DSF067** **Mismatching merge/restore pattern**

**Explanation** The delta merge/restore pattern specified in the PATTERN parameter does not match the input full and Delta Save data sets supplied.

The delta merge or delta restore operation is abnormally terminated.

**Action** Check and correct the PATTERN parameter and the job control statements. Rerun the job.

**DSF068** **Invalid save data set concatenation**

**Explanation** Another data set was concatenated to one of the input data sets (the DDname of the input data set is shown). Input save data set concatenation is allowed only if

- the function is RESTORE DELTA (not MERGE); and
- save data sets are concatenated to the last input save in logical sequence.

The MERGE or RESTORE DELTA operation is abnormally terminated.

**Action** Correct the specification of input data sets and rerun the job.

**DSF070** **DSIM dataset smaller than specified**

**Explanation** An I/O error occurred when Delta Save Facility tried to read the last block of the Delta Save images (DSIM) data set. It is probably smaller than specified.

Building the DSIM data set is discontinued. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.

**Action** Correct the DSIMSIZE parameter or supply a correct DSIM data set. If the function was PLCOPY, rebuild the DSIM data set using the COPY function. Otherwise, rerun the COPY function.

**DSF071** **Protection log and DSIM dataset do not match**

**Explanation** The protection log and the Delta Save images (DSIM) data set belong to different databases. The two database IDs are shown.

No online save information will be extracted from the protection log during this ADARES execution. Building the DSIM data set is discontinued. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.

**Action** Provide the correct protection log or rebuild the DSIM data set. If the function was PLCOPY, rebuild the DSIM data set using the COPY function. Otherwise rerun the COPY function.

**DSF072** **Cannot locate SYN1 checkpoint on protection log**

**Explanation** The specified SYN1 checkpoint on the protection log was not found. The specified SYN1 position and the current position on the protection log are shown.

No online save information will be extracted from the protection log during this ADARES execution. Building the DSIM data set is discontinued. The COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified, a subsequent ADARES error abnormally terminates the function.

**Action** Supply matching protection log and parameter inputs, then rerun the job.

**DSF074** **Discontinuity in protection log processing**

**Explanation** The first block of the protection log to be processed is not continuous with the last block processed before. Extracting block images for building the Delta Save images (DSIM) data set must proceed in sequence. The current position on the protection log and the last position of the previous PLCOPY execution are shown.

No online save information will be extracted from the protection log during this ADARES execution. Building the DSIM data set is discontinued. The PLCOPY function will continue processing. When terminating normally, the function will set condition code 4.

**Action** Rebuild the DSIM data set using the COPY function.

**DSF075** **DSIM dataset overflow**

**Explanation** The Delta Save images (DSIM) data set is not large enough to hold all block images written during the accompanying online save operation. This DSIM data set cannot be used for merging.

The DSIM data set is set to an error status. The PLCOPY function will continue processing. When terminating normally, the function will set condition code 4.

**Action** Enlarge the DSIM data set and rebuild it using the COPY function before performing the merge operation.

**DSF076** **DSIM dataset overflow**

**Explanation** The Delta Save images (DSIM) data set is not large enough to hold all block images written during the accompanying online save operation. This DSIM data set cannot be used for merging.

The DSIM data set is set to an error status. The COPY function will continue processing. When terminating normally, the function will set condition code 4. If no sequential output data set was specified, a subsequent ADARES error abnormally terminates the function.

**Action** Augment the DSIM data set and run the COPY function again before performing the merge operation.

**DSF079** **Illegal multiple use of DSIM dataset detected**

**Explanation** The Delta Save images (DSIM) data set was modified by another utility while

- the ADARES PLCOPY or COPY function was writing online save information extracted from the protection log to it; or
- the ADASAV MERGE function was reading online save information from it.

The DSIM data set is inconsistent.

In ADASAV, the MERGE function is abnormally terminated. In ADARES, the DSIM data set is set to an error status. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.

**Action** Avoid parallel usage of the DSIM data set in the future. If the function was PLCOPY, rebuild the DSIM data set using the COPY function. If the function was COPY, rerun the COPY function. If the function was MERGE, rebuild the DSIM data set using the COPY function and rerun the MERGE function.

**DSF080** **Error occurred during execution of read DLOG {ior-error-text} ASSO RABN: {dec-rabn} ({hex-rabn})**

**Explanation** An I/O error occurred when the Delta Save Facility was trying to read a block from the Delta Save logging (DLOG) area. An ADAIOR error text is given. The affected Associator RABN is shown in decimal *dec-rabn* and hexadecimal *hex-rabn* formats.

The save function is abnormally terminated.

**Action** Determine the cause of the I/O error and eliminate it. Remove the DLOG area and install it again. Perform a full save operation.

**DSF081** **Error occurred during execution of write DLOG {ior-error-text} ASSO RABN: {dec-rabn} ({hex-rabn})**

**Explanation** An I/O error occurred when the Delta Save Facility was trying to write a block to the Delta Save logging (DLOG) area. An ADAIOR error text is given. The affected Associator RABN is shown in decimal *dec-rabn* and hexadecimal *hex-rabn* formats.

The save function is abnormally terminated.

**Action** Determine the cause of the I/O error and eliminate it. Remove the DLOG area and install it again. Perform a full save operation.

**DSF082** **Error occurred during execution of open DSIM {ior-error-text}**

**Explanation** An error occurred when the Delta Save Facility was trying to open the Delta Save images (DSIM) data set. An ADAIOR error text is given. The job control is probably incorrect, or the DSIMDEV parameter is missing or wrong.

In ADASAV, the function is abnormally terminated. In ADARES, no online save information will be extracted from the protection log during this ADARES execution. Building the DSIM data set is discontinued. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.

**Action** Check and correct the job control and/or the DSIMDEV parameter. If the function was ADARES PLCOPY, rebuild the DSIM data set using the ADARES COPY function. Otherwise rerun the job.

**DSF083** **Error occurred during execution of read DSIM {ior-error-text} RABN: {dec-rabn} ({hex-rabn})**

**Explanation** An I/O error occurred when the Delta Save Facility was trying to read a block from the Delta Save images (DSIM) data set. An ADAIOR error text is given. The affected DSIM RABN is shown in decimal *dec-rabn* and hexadecimal *hex-rabn* formats.

In ADASAV, the function is abnormally terminated. In ADARES, no more online save information will be extracted from the protection log during this ADARES execution. Building the DSIM data set is discontinued. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.

**Action** Determine the cause of the I/O error and eliminate it. Rebuild the DSIM data set.

**DSF084** **Error occurred during execution of write DSIM {ior-error-text} RABN: {dec-rabn} ({hex-rabn})**

**Explanation** An I/O error occurred when the Delta Save Facility was trying to write a block to the Delta Save images (DSIM) data set. An ADAIOR error text is given. The affected DSIM RABN is shown in decimal *dec-rabn* and hexadecimal *hex-rabn* formats.

In ADASAV, the function is abnormally terminated. In ADARES, no more online save information will be extracted from the protection log during this ADARES execution. Building the DSIM data set is discontinued. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.

**Action** Determine the cause of the I/O error and eliminate it. Rebuild the DSIM data set.

**DSF085** **Error occurred during execution of close DSIM {ior-error-text}**

**Explanation** An error occurred when the Delta Save Facility was trying to close the Delta Save images (DSIM) data set. An ADAIOR error text is given.

In ADASAV, the function is abnormally terminated. In ADARES, the PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.

**Action** Determine the cause of the error and eliminate it.

**DSF086** **Error occurred while executing open input save {dd-name} {ior-error-text}**

**Explanation** An error occurred when the Delta Save Facility was trying to open an input save data set. The DD name of the data set and an ADAIOR error text are given. A job control statement is probably incorrect.

The function is abnormally terminated.

**Action** Determine the cause of the error and eliminate it. Rerun the job.

**DSF087** **Error occurred while executing read input save {dd-name} {ior-error-text}**

**Explanation** An error occurred when the Delta Save Facility was trying to read from an input save data set. The DD name of the data set and an ADAIOR error text are given.

The function is abnormally terminated.

**Action** Determine the cause of the error and eliminate it. If the save data set turns out to be readable, rerun the job.

**DSF088** **Error occurred while executing close input save {dd-name} {ior-error-text}**

**Explanation** An error occurred when the Delta Save Facility was trying to close an input save data set. The DD name of the data set and an ADAIOR error text are displayed.

The function terminates abnormally.

**Action** Determine the cause of the error and eliminate it.

**DSF089** **GETMAIN error - not enough virtual memory**

**Explanation** Sufficient virtual memory could not be obtained for Delta Save Facility processing. The number of bytes requested and obtained are shown in decimal and hex format.

In ADASAV, the function is abnormally terminated. In ADARES, building the DSIM data set is discontinued. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.

**Action** Increase the region of the job. If the function was ADARES PLCOPY, rebuild the DSIM data set using the ADARES COPY function. Otherwise rerun the job.

**DSF091** **Incorrect version of DLOG area**

**Explanation** The Delta Save logging (DLOG) area was installed by another, incompatible version of the Delta Save Facility. The internal version indicator and the version of the Delta Save Facility software are displayed in hexadecimal format.

The function is abnormally terminated.

**Action** Use a compatible version of the Delta Save Facility software, or remove the DLOG area and install it again.

**DSF092** **Incorrect version of DSIM dataset**

**Explanation** The Delta Save images (DSIM) data set was created by another, incompatible version of the Delta Save Facility. The internal version indicator and the version of the Delta Save Facility software are displayed in hexadecimal format.

In ADASAV, the function is abnormally terminated. In ADARES, building the DSIM data set is discontinued. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.

**Action** Use a compatible version of the Delta Save Facility software, or rebuild the DSIM data set using the ADARES COPY function.

**DSF093** **Error during input save tape processing**

**Explanation** An error was detected while processing a record from an input save data set. Probably the save data set is invalid. The DD name of the save data set, an internal reason code, and the serial block number in decimal and hexadecimal are shown. The requested function cannot be completed.

The function is abnormally terminated.

**Action** Check for invalid concatenation of save data sets and correct it, if found. Consult your technical support representative, if necessary.

**DSF094** **Error during input save tape processing**

**Explanation** Either some important control information is not consistent for all records of an input save data set, or the serial block numbers within an input save data set are not in ascending order, increasing by one. Probably the save data set is invalid. The DD name of the save data set is shown.

The function cannot be completed, and is abnormally terminated.

**Action** Check for invalid concatenation of save data sets and correct it, if found. Consult your technical support representative, if necessary.

**DSF095** **Internal error during protection log processing**

**Explanation** An error was detected in a protection log block processed by the Delta Save Facility. The protection log number, the block number and offset within the block, and an internal reason code are displayed in decimal format, the block number and offset also in hex format. A DSIM data set cannot be built.

Building the DSIM data set is discontinued. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.

**Action** Check for and correct any mistake in the specification of protection log data sets. Consult your technical support representative, if necessary.

**DSF096** **Damaged DLOG area block detected**

**Explanation** An inconsistent block was encountered in the Delta Save logging (DLOG) area. The bad RABN is shown in decimal and hex format, plus an internal reason code. The Delta Save operation cannot be completed.

The Delta Save operation is abnormally terminated.

**Action** Consult your technical support representative to determine the cause of the error. Disable Delta Save logging, remove the DLOG area, and install it again. Perform a full save operation.

**DSF097** **Damaged DSIM block detected**

**Explanation** An inconsistent block was encountered in the Delta Save images (DSIM) data set. The bad RABN is shown in decimal and hex format, plus an internal reason code. The requested Delta Save Facility function cannot be completed.

In ADASAV, the function is abnormally terminated. In ADARES, building the DSIM data set is discontinued. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.

**Action** Consult your technical support representative to determine the cause of the error. Rebuild the DSIM data set using the ADARES COPY function.

**DSF098** **Damaged DLOG extension block detected**

**Explanation** An inconsistent block was encountered in a file-specific extension of the Delta Save logging (DLOG) area. The file number, the RABN of the inconsistent block, and an internal reason code are shown. A Delta Save operation is not possible.

The Delta Save operation is abnormally terminated.

**Action** Consult your technical support representative to determine the cause of the error. Save and restore or reorder the file in question. Then rerun the Delta Save operation.

**DSF099** **DSF internal error at {module + offset} trace: {trace-info}**
**R0-R3 {xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx }**
**R4-R7 {xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx}**
**R8-R11 {xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx}**
**R12-R15 {xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx}**

**Explanation** An internal error occurred in the indicated module at the specified offset. Some internal trace information as well as the register settings at the time of the error are shown. The requested Delta Save Facility function cannot be completed.

In ADASAV, the function is abnormally terminated. In ADARES, building the DSIM data set is discontinued. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.

**Action** Consult your technical support representative to determine the cause of the error.

# 55 DSP* - Cluster Data Space (ADADSP) Messages

ADADSP messages apply only to Adabas Parallel Services.

All of the following messages are printed first to the system log and then later to the D*ssdddd* data set (where *ss* is the last two digits of the SVC number and *ddddd* is the DBID) that was automatically created for cluster data space message output.

Each message begins with a timestamp in the format *hh*:*mm*:*ss*, followed by the message number and text.

| | |
|---|---|
| **DSP001** | **Initializing DBID={dbid} [SVC={svc}] [IDTNAME={idtname}]** |
| **Explanation** | ADACOM is initializing an ADADSP subtask for the processing of a Adabas Parallel Services cluster database that might subsequently be started. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **DSP002** | **Data space acquisition authority acquired**<br>**Data space acquisition handled by job {jobname}** |
| **Explanation** | Data space acquisition authority is granted to the first ADACOM to start and the name of that ADACOM job is displayed. Subsequent ADACOMs set to manage the same DBID will not be granted the authority to allocate data spaces, since they have already been allocated. |

| | |
|---|---|
| **DSP003** | **Dataspace being allocated is {PLXCB \| cache \| lock \| message}**<br>**Name is {data-space-name}**<br>**{Size in decimal bytes: {number-of-bytes} \| not allocated - length is zero \| not allocated - size is less than 4096 bytes}**<br>**{function completed normally \| data spaces already allocated}**<br>**Dataspace may already exist, attempting delete** |
| **Explanation** | ADACOM is in the process of allocating a data space of the specified type (PLXCB, cache, lock, or message) with the specified name and the specified size. A PLXCB data |

space is allocated during ADACOM initialization when it is requested by initialization parameters. Its size is based on the number of users specified to ADACOM. Cache, lock and message data spaces are allocated when the first Parallel Service database starts and only if a valid size is provided: see the ADARUN CLUCACHESIZE and CLULOCKSIZE parameters.

The operating system does not allow data spaces with sizes less than 4096 decimal bytes (internal error). If the allocation parameters are valid, the data spaces are allocated when the first cluster nucleus starts. Once data spaces are allocated for a cluster, they are not reallocated when subsequent cluster nuclei start.

If the first member nucleus of an ADABAS Parallel Services cluster attempts to allocate a dataspace, a dataspace may already exist, possibly as the result of a previous abend for which recovery was unsuccessful. The deletion attempt will generate DSP005 messages, after which the allocation attempt will be retried.

Similarly, if a PLXCB dataspace entry is found in the IDTH prefix when attempting to allocate a new PLXCB, the IDTH prefix entry is first cleared.

**Action** If you receive an error due to invalid sizes, review your ADARUN parameters, correct the error, and restart ADACOM. All other messages are for information only and require no action.

**DSP004** **Unable to delete/exit - NUCS up**
**Checking every 5 seconds**
**Next message in 5 minutes**

**Explanation** This message occurs when an ADADSP subtask of ADACOM has been asked to exit or to delete the shared dataspaces of an Adabas Parallel Services cluster, but one or more cluster nuclei are still active. An ADADSP subtask exits when an ADAEND command is issued to ADACOM for the associated the DBID/SVC combination.

**Action** ADACOM should come down automatically when the last cluster nucleus terminates. If it does not, issue a CANCEL command to terminate it.

If ADACOM is canceled while Adabas Parallel Services nuclei are active on the associated database, these nuclei will most likely incur program checks and terminate abnormally. Thus, ADACOM should be canceled only when none of its ADADSP subtasks holds dataspaces for active Adabas Parallel Services nuclei, so as not to crash the Adabas Parallel Services cluster(s).

**DSP005** **Dataspace being deleted is {data-space-name}**
**Function completed normally | Error: abend code {abend-code}, reason code {reason-code} | Error: return code {ret-code}, reason code {reason-code}}**

**Explanation** The specified cluster data space is being deleted. Either the deletion is completed successfully, or an IBM error code and reason code are returned.

**Action** If the data space is successfully deleted, no action is required. If an IBM error and reason code are returned, refer to your IBM manuals to identify and correct the specified error.

**DSP006** **Unable to secure process token**

**Explanation** The ADADSP subtask of ADACOM failed to obtain its own process token, which Adabas Parallel Services nuclei need to communicate with ADADSP. The ADADSP subtask terminates abnormally. Adabas Parallel Services nuclei for the associated database cannot start.

**Action** Contact your technical support representative for assistance.

**DSP007** **Length of process token too long**

**Explanation** The process token of the ADADSP subtask of ADACOM is invalid. The ADADSP subtask terminates abnormally. Adabas Parallel Services nuclei for the associated database cannot start.

**Action** Contact your technical support representative for assistance.

**DSP008** **Unable to open output data set**

**Explanation** The ADADSP subtask of ADACOM failed to open its message output data set. The data set has the DD name D*ssddddd*, where *ss* represents the last two digits of the SVC number and *ddddd* is the database ID.

ADADSP will continue to run but write its messages only to the console.

**Action** Contact your technical support representative for assistance.

**DSP010** **{x}64 object being allocated is {cache | lock | message}**
**{x}64 object may already exist at {address}**
**Attempting delete**
**Allocation token is {token}**
**Requested size in {MB | GB} (rounded) is {size}**
**Function completed normally**
**Storage allocated but not backed by large pages**
**Address is {address}**
**Error: return code 12, reason code {zOS-return-code} {zOS-reason-code}**
**Error: abend code {system-code}, reason code {reason-code}**

**Explanation** This message describes an attempt to allocate a 64-bit addressable memory object of the specified type. The *x* before the "64" in the message identifies the type of 64-bit addressable memory: "S" (shared memory), "G" (memory backed by fixed 2G large pages), "L" (memory backed by fixed 1M large pages), or "P" (memory backed by pageable 1M large pages).

If the allocation is successful, the address of the object is shown. If the allocation is unsuccessful, the z/OS return and reason codes are shown. If the request resulted in an abend, the system and reason codes are shown.

If the first member nucleus of an Adabas Parallel Services cluster attempts to allocate a S64 object, one may already exist, possibly as the result of a previous abend for which recovery was unsuccessful. The deletion attempt will generate DSP011 messages, after which the allocation attempt will be retried.

If "Storage allocated but not backed by large pages" is printed, insufficient large pages of the type requested (1M fixed large pages, 2G fixed large pages or 1M pageable large pages) were available. Instead, storage was allocated and backed by pageable 4 kilobyte pages. In this case, the same action applies as given for the **ADAN8G message**.

If the "Error" line is printed, the storage allocation request failed. The message reports the system return code and reason code of the IARV64 macro used for the allocation request.

**Action**

If the request fails, examine the z/OS IARV64 abend, return, and reason code descriptions in IBM documentation. If the cause is not clear, notify your technical support representative.

**DSP011**

**{x}64 object being deleted is {cache | lock | message}**
**{x}64 object may already exist at {address}**
**Allocation token is {token}**
**Actual size in {MB | GB} is {size}**
**Address is {address}**
**Function completed normally**
**Error: return code 12, reason code {zOS-return-code} {z/OS-reason-code}**
**Error: abend code {system-code}, reason code {reason-code}**

**Explanation**

This message describes an attempt to delete a 64-bit addressable memory object of the specified type. The *x* before the "64" in the message identifies the type of 64-bit addressable memory: "S" (shared memory), "G" (memory backed by fixed 2G large pages), "L" (memory backed by fixed 1M large pages), or "P" ( memory backed by pageable 1M large pages).

If the allocation is unsuccessful, the z/OS return and reason codes are shown. If the request resulted in an abend, the system and reason codes are shown.

In the case of shared memory, the message indicates that the z/OS system affinity is being deleted. A z/OS S64 memory object will not actually be deleted until all local affinities are also deleted. A local affinity is created when a Parallel Services nucleus establishes a connection with the S64 object in its own address space. Local affinities are deleted when the nucleus ends.

If the "Error" line is printed, the deletion request failed. The message reports the system return code and reason code of the IARV64 macro used for the deletion request.

**Action**

If the request fails, examine the z/OS IARV64 abend, return, and reason code descriptions in IBM documentation. If the cause is not clear, notify your technical support representative.

**DSP012** **Unable to obtain ALET for PLXCB dataspace**
**Return code {return code} reason code {reason code}**

**Explanation** An attempt to obtain an ALET for the PLXCB dataspace was unsuccessful. The return and reason codes are from the operating system service. Under z/OS the service is ALESERV.

**Action** Use operating system documentation to understand the return and reason codes. Contact your technical support representative if the reason for the failure is unclear.

**DSP013** **Unable to get PLXCB local map storage**

**Explanation** An attempt to acquire ADACOM local storage into which the PLXCB would be mapped was unsuccessful.

**Action** Contact your technical support representative if the reason for the failure is unclear.

**DSP014** **Unable to map PLXCB dataspace to local storage**
**Return code {return code} reason code {reason code}**

**Explanation** The request to map the PLXCB into ADACOM local storage was unsuccessful. The return and reason codes are from the operating system service. Under z/OS the service is IARVSERV.

**Action** Use operating system documentation to understand the return and reason codes. Contact your technical support representative if the reason for the failure is unclear.

**DSP015** **PLXCB dataspace mapped to local storage {address}**

**Explanation** The PLXCB was mapped to the specified address in ADACOM local storage.

**DSP016** **Unable to obtain ALET for nucleus address space**
**Return code {return code} reason code {reason code}**

**Explanation** A nucleus requested ADACOM map the PLXCB dataspace into nucleus local storage. An attempt to obtain an ALET for the nucleus address space was unsuccessful. The return and reason codes are from the operating system service. Under z/OS the service is ALESERV.

**Action** Use operating system documentation to understand the return and reason codes. Contact your technical support representative if the reason for the failure is unclear.

**DSP017** **Unable to map PLXCB dataspace to nucleus storage**

**Explanation** A nucleus requested ADACOM map the PLXCB dataspace into nucleus local storage. The request to map the PLXCB into local storage was unsuccessful. The return and reason codes are from the operating system service. Under z/OS the service is IARVSERV.

**Action** Use operating system documentation to understand the return and reason codes. Contact your technical support representative if the reason for the failure is unclear.

| | |
|---|---|
| **DSP018** | **Resource manager return codes {summary}/{address space end}/{task end}** |
| **Explanation** | An attempt to establish Resource Manager recovery routines was unsuccessful. These routines clear the IDTH prefix entry for a PLXCB dataspace in the event of ALET-related program checks in ADACOM that cannot be handled by normal error processing. The return and reason codes are from the operating system service. Under z/OS the service is RESMGR. |
| **Action** | Use operating system documentation to understand the return and reason codes. Contact your technical support representative if the reason for the failure is unclear. |

| | |
|---|---|
| **DSP099** | **SVC={svc}, DBID={dbid} ADADSP {exiting \| ended}** |
| **Explanation** | The ADACOM support for the specified Adabas Cluster Services or Adabas Parallel Services dataspaces is terminating. |

# 56 LNKRVX* Adabas Review Link Routine Messages

**LNKRVX090** **Enhanced Review processing terminated**

**Explanation** This message is issued after an error is detected when the link routine attempts to initialize the environment for Review exits. The reason for the failure is provided by one or more previously issued message or messages.

**Action** Review other previously issued messages to determine the cause of the error.

**LNKRVX091** **GETMAIN failed for Review exit work area**

**Explanation** The storage for the REVEXIT1 (REVEXITB) work area was not available. No Adabas Review processing is possible for this task or job step.

**Action** Contact your technical support representative for assistance.

**LNKRVX092** **GETMAIN failed for REVEXIT2 work area**

**Explanation** The storage required to support REVEXIT2 client monitoring is not available. Client monitoring will not be possible but standard REVEXIT1 (REVEXITB) processing may be possible.

**Action** Contact your technical support representative for assistance.

**LNKRVX093** **Primary Revexit work area header invalid**

**Explanation** The header for the primary Adabas Review work area appears to be invalid. Adabas Review processing cannot continue.

**Action** Contact your technical support representative for assistance.

**LNKRVX094** **REVEXIT2 work area invalid**

**Explanation** The work area for REVEXIT2 (client monitoring) appears to be invalid or corrupted. Adabas Review client monitoring cannot continue.

**Action** Contact your technical support representative for assistance.

**LNKRVX095** **Handshake with Review Hub: {hub-id} failed RSP: {rc} Sub: {sc}**

**Explanation** The handshake to establish communication with the Adabas Review hub listed in the message (*hub-id*) failed with the Adabas response code (*rc*) and the Adabas subcode (*sc*) given in the message. Adabas Review client monitoring cannot continue for this task or job step.

**Action** Evaluate the returned Adabas response code and subcode to determine the action to take to correct the issue. For example, if the Adabas response code is 148, ensure that the specified Adabas Review hub is up and running.

**LNKRVX096** **Review monitoring is {ON|OFF}**

**Explanation** This message indicates the new or current state of Adabas Review client monitoring. It is issued in response to a request from SYSREVDB to activate or deactivate client monitoring for the Adabas link routine.

**Action** No action is required for this informational message.

**LNKRVX097** **PC number zero after V4 call, Transport not active**

**Explanation** The handshake to establish communications between the link routine, REVEXIT2 and the Adabas Review hub has failed because the Adabas Review Trans-port software is not running.

**Action** Restart the Adabas Review Trans-port software.

# 57 LNKTCP* Adabas Link Routine TCP/IP Socket Support

## Messages

**LNKTCP001** **LNKTCP is active**

**Explanation** This message indicates that this batch job is running with an Adabas link module which has TCP/IP Socket Support enabled.

This message only appears once per batch job and only if the LTCPSET MSGLVL= parameter is set to 1 or greater.

**Action** None. This message is for information purposes only.

**LNKTCP002** **Commands to DBID {xxxxx} go to port {pppp} at {nnn.nnn.nnn.nnn}**

**Explanation** This message indicates that Adabas commands issued to database ID 'xxxxx' by this batch job will be routed via TCP/IP to the displayed port number and address.

This message only appears once per database ID and only if the LTCPSET MSGLVL= parameter is set to 1 or greater.

**Action** None. This message is for information purposes only.

**LNKTCP003** **Commands to DBID {xxxxx} go via the SVC**

**Explanation** This message indicates that Adabas commands issued to database ID 'xxxxx' by this batch job will be routed via the Adabas SVC.

This message only appears once per database ID and only if the LTCPSET MSGLVL= parameter is set to 1 or greater.

**Action** None. This message is for information purposes only.

# 58 PLI* - ADACOM Initialization Messages

ADACOM messages apply only to Adabas nucleus cluster environments.

All PLI*nnn* messages are printed on the console. Messages in the range 0-49 are issued by the ADACOT module attached to a particular SVC/DBID set and are sent to the SYSOUT data set that is dynamically allocated for that particular module. Messages in the range 50 and above are issued by ADACOM and are written to the COMPRINT data set. Each message begins with a timestamp in the format "hh:mm:ss".

**PLI002** **Initializing DBID={dbid} SVC={svc message(s)}**

**Explanation** This message identifies the ADACOM that is initializing by its database ID and SVC settings. It is followed by one or more relevant initialization message(s) (check the following possible PLI002 messages):

| Message Text | Explanation |
|---|---|
| Acquiring new PLXCB | Having determined that no Adabas cluster control block (PLXCB) currently exists, ADACOM is attempting to acquire a new one. |
| Cannot change number of users now. There are NUCS/ADACOMS active | Once the cluster is active; that is, once a nucleus or ADACOM starts, the PLXCB NU parameter is set and cannot be changed without bringing down the entire cluster, changing the parameter value, and restarting.<br><br>If you need to change the PLXCB NU parameter value, terminate all cluster nuclei, ADACOMs, and users and restart. |
| Cannot free PLXCB at this time. There are NUCS/ADACOMS active | Once the cluster is active; that is, once a nucleus or ADACOM starts, the PLXCB NU parameter is set and cannot be changed without bringing down the entire cluster, changing the parameter value, and restarting. |

| Message Text | Explanation |
|---|---|
| DBID is zero | This is an internal error. The ADACOM terminates abnormally (abends) the subtask for this DBID/SVC combination. Contact your technical support representative for assistance. |
| FORCE=YES detected -- initialization continues | The incompatible PLXCB version described in earlier lines will be released and initialization will continue. |
| Freeing old PLXCB | The NU parameter value is being changed or the FORCE option was specified for this DBID/SVC. The old environment is being freed. |
| GETMAIN failed for PLXCB | An attempt to acquire GETMAIN space for a new Adabas cluster control block (PLXCB) failed. The ADACOM subtask terminates abnormally (abends).<br><br>Ensure that sufficient space is available to allocate the PLXCB and resubmit the job. |
| IDTHPRFX not found | This is an internal error. Contact your Software GmbH technical support representative for assistance. ADACOM terminates abnormally (abends) the subtask for this DBID/SVC combination. |
| Max users capped at upper limit | The maximum size of the PLXUser pool is 14,913,014 elements. |
| Max users for image *number-of-users* | Displays the maximum number of users (NU) allowed for the operating system image. |
| Obtain of IDTHPRFX failed | The IDTH prefix created when the IDT was created accommodates 15 cluster DBIDs. It was necessary to acquire storage to extend the IDTH prefix for additional DBIDs. Insufficient storage was available (in z/OS this is ECSA).<br><br>Increase the region size to resolve this problem. For additional assistance, contact your technical support representative. |
| PLXCB is located at *address* | The location of the PLXCB, either new or existing, is provided. If the PLXCB was allocated in a dataspace the address is the ADACOM local storage into which it is mapped. |
| PLXCB version is *vrs*<br>*program*<br>program level is *vrs* | An existing PLXCB is of a version incompatible with the specified program. |
| Incompatible ADASVC Version | ADASVC must be at the same or higher version and release as ADACOT. |
| PLXCB dataspace is *name*<br>ALET *ALET* | The PLXCB dataspace was created. |

| Message Text | Explanation |
|---|---|
| Processed NU=O request | The system has processed the NU=0 parameter. The old environment has been freed and no new one was created. |
| PSW key *pswkey* not compatible with PLXCB key *plxcbkey* | A previously allocated PLXCB cannot be used because of a difference between the PSW and storage keys. Run ADACOM in the PLXCB key or delete the existing PLXCB and reallocate it in the desired key. |
| This SVC/DBID combination will terminate | Previously described errors prevent initialization. ADACOM terminates abnormally (abends) the subtask for this DBID/SVC combination. |

**PLI003** **SVC={svc} DBID={dbid} OPERATOR COMMAND: {command}**

**Explanation** Confirms the operator command just issued and the SVC/DBID combination for which it is issued.

**PLI004** **{imagename} NUCID={nucid} UP={x} LO={y} RO={z }#USERS={n} #CMNDS={n} LURA={n} RULA={n}**

**PLI004** **{jobname}{ nucid x y z n..... n.....}**

**Explanation** This message is issued in response to an ADACOM DN or DIM operator command. It displays the status of the cluster nuclei located on the named image, which may be local or remote images. There is one header line for each image which may be followed by detail lines for each active nucleus. The following table describes the components of this message:

| Message Component | Description |
|---|---|
| *imagename* | The name of the local image. |
| NUCID=*nucid* | The unique cluster nucleus identifier. |
| UP=*x* | Specifies whether (Y or N) the specified nucleus is available for normal processing. |
| LO=*y* | Specifies whether the specified nucleus is on the local image and open (Y); or on the local image and closed (N). |
| RO=*z* | Indicates that the specified nucleus is not on a remote image (N). |
| #USERS=*n* | The number of users that have been assigned to and are currently active for the specified nucleus. |
| #CMNDS=*n* | The number of commands currently incomplete. |
| LURA=*n* | The number of users remotely assigned to the local image. |
| RULA=*n* | The number of users locally assigned to the remote image. |
| *jobname* | The name of the ADACOM job or started task. |

There may be conditions that prevent displaying active nuclei. These lines may appear instead of active nucleus detail lines.

| Message Text | Explanation |
|---|---|
| ** Image has no active NUCs ** | There are no active cluster nuclei to display on the local image. |
| * Local network down - no remote information * | No information is available about remote images because the local Entire Net-Work is not active. |
| *No NUCs up or remote network down* | No information is available from a remote image. Either there are no active nuclei on the remote image or the remote Entire Net-Work is not active. |
| * Remote images not detected * | The specified image is not local and that ADACOM does not detect the presence of a remote image with the specified name. |

**PLI005** **** Image has no active NUCs ****

**Explanation** This message follows PLI004 for either a DIM or DN command when there are no active cluster nuclei to display on the local image.

**PLI009** **Invalid command: ***

**Explanation** The command entered is not a valid ADACOM command. This message follows PLI060, which displays the invalid command entered.

**Action** Check the command used; reenter a valid ADACOM command.

**PLI010** **Command executed**

**Explanation** This message follows PLI060 for the SN command and indicates that the SN command with the parameters specified in PLI060 has been successfully executed.

**PLI012** **{module} load failed - exiting**

**Explanation** The module listed in the message (*module*) could not be loaded. The affected task abends.

**Action** Ensure the named module is available in the load library concatenation. If you are unable to resolve the error, contact your Software GmbH technical support representative.

**PLI013** **Unable to set timer - exiting**

**Explanation** An internal error occurred while executing STIMERM. The affected ADACOT module abends.

**Action** Contact your technical support representative.

**PLI014** **PSW key {pswkey} not compatible with PLXCB key {plxcbkey}**

**Explanation** A previously allocated PLXCB cannot be used because of a difference between the PSW and storage keys.

**Action** Run the ADACOM in the PLXCB key, or delete the existing PLXCB and reallocate it in the desired key.

**PLI015** **Work area GETMAIN failed**

**Explanation** The attempt to allocate space for an ADACOT work area failed. The affected SVC/DBID combination abends.

**Action** Increase the region size.

**PLI016** **IDTH prefix is not valid**

**Explanation** An internal error occurred: IDTHPRFX is invalid. The affected ADACOT module abends.

**Action** Contact your technical support representative.

**PLI017** **Number of IDTE entries is zero**

**Explanation** An internal error occurred: the IDTH is invalid. The affected ADACOT module abends.

**Action** Contact your technical support representative.

**PLI018** **ADACOT initialization failed**

**Explanation** The PLXINIT module failed during initialization. The affected ADACOT module abends.

**Action** Contact your technical support representative.

**PLI019** **Get IDTH failed**

**Explanation** ADACOT was unable to obtain the address of the IDTH. The affected ADACOT module abends.

**Action** Contact your technical support representative.

**PLI020** **SVC={svc} DBID={dbid} ADACOT {exiting | ended}**

**Explanation** This message occurs whenever an SVC/DBID combination terminates for any reason.

**PLI021** **Network detected down**

**Explanation** ADACOM detected that the local Entire Net-Work is not active.

**PLI022** **Network detected up and available**

**Explanation** ADACOM detected that the local Entire Net-Work is active and processing commands.

**PLI023** **No PARMs allowed for "DN"**

**Explanation** A parameter was supplied when issuing the ADACOM command DN. No parameters are allowed for the DN command. This message follows PLI060 which indicates the command and parameters issued.

**Action** Remove the parameter(s) and issue DN again.

**PLI024** **Invalid system name**

**Explanation** The DIM command allows you to optionally supply an image name as a parameter. The DIM command was issued with a parameter value, but the value supplied is not a valid image name. This message follows PLI060 which indicates the command and parameters issued.

**Action** Supply a valid image name and issue DIM again.

**PLI027** **CMDMGR=NO specified**

**Explanation** CMDMGR=NO was specified in the ADACOM; ADACOM quiesces after setting the environment.

**PLI028** **Net-Work not available RSP {rc}/{sc}**

**Explanation** ADACOM detected an active Entire Net-Work address space and issued a periodic internal command to verify that Entire Net-Work is accepting and processing commands. The internal command received an unexpected response code and subcode, which are given in the message (*rc*/*sc*). This usually indicates a problem with Entire Net-Work.

**Action** Review the response code and subcode to determine the cause of the problem. If the problem persists, contact your technical support representative for assistance.

**PLI030** **Invalid NUC specification**

**Explanation** This message follows PLI060 for the SN command and indicates that the specified nucleus ID is not valid.

**Action** Specify a valid nucleus ID and issue the command again.

**PLI031** **Command must specify "OP/CL"**

**Explanation** This message follows PLI060 for the SN command and indicates that the required parameters OP/CL were not specified.

**Action** Specify the required parameters and issue the command again.

**PLI032** **Too many parameters**

**Explanation** This message follows PLI060 for the SN command and indicates that too many parameters have been specified when opening or closing one or more remote nuclei. Remote nuclei are always opened to local users only.

**Action** Remove the erroneous parameter(s) and issue the command again.

**PLI034** **Local NUC(s) not found**

**Explanation** This message follows PLI060 for the SN command and indicates that the local nucleus specified was not found on the local image. If LCLALL was used in the command, no cluster nuclei were found on the local image.

**PLI035** **"ALL" not valid for "OP/CL"**

**Explanation** This message follows PLI060 for the SN command. "ALL" is not a valid parameter. You must indicate whether you want to open or close all local nuclei (LCLALL) or all remote nuclei (RMTALL). You cannot open or close all cluster nuclei on all images at once. You can, of course, open a specified nucleus or all nuclei on a specified remote image, if you choose.

**Action** Specify the required parameters and issue the command again.

**PLI036** **Too few parameters - need "LCL/GBL"**

**Explanation** This message follows PLI060 for the SN command. When opening or closing nuclei on local images, you must indicate whether you are opening them to local users only (LCL) or to all cluster users (GBL).

**Action** Specify the required information and issue the command again.

**PLI038** **Only "LCL" or "GBL" after "OP/CL"**

**Explanation** This message follows PLI060 for the SN command. When opening or closing nuclei on the local image, your only choices are to open the nuclei to local users only (LCL) or to all cluster users (GBL). No other options are allowed.

**Action** Specify LCL or GBL and issue the command again.

**PLI039** **Remote NUC(s) not found**

**Explanation** This message follows PLI060 for the SN command and indicates that the remote nucleus specified was not found on any remote image. If a remote image was specified, no cluster nuclei were found on that image. If RMTALL was used in the command, no cluster nuclei were found on any remote image.

**PLI040** **Cannot exit now - dataspaces are allocated**

**Explanation** There are active Adabas Parallel Services nuclei that have active dataspaces, or a PLXCB dataspace is being used and one or more Adabas Parallel Services or Adabas Cluster Services nuclei are active.

**Action** Terminate any Adabas Parallel Services or Adabas Cluster Services nuclei and try again.

**PLI041** **Valid PARMs: PLXCP, PLXNUC, PLXMAP, IDTE, FIIBS, PLXUSER, CLUDSP, IDTH, IDTHPRFX**

**Explanation** A DUMP operator command was entered with an operand other than one of the valid ones listed in the message.

**Action** Reissue the command with a correct operand.

**PLI042** **{message-text}**

**Explanation** Various message texts are associated with this message number. Each is described in the following table:

| Message Text | Explanation |
|---|---|
| Only N=X, where X is prefix, is valid | A DUMP PLXUSER command was entered with an invalid operand.<br><br>*Action:* Reissue the command with a correct operand. |
| The prefix is missing or now "=" specified | A DUMP PLXUSER command was entered with invalid syntax or an invalid operand.<br><br>*Action:* Reissue the command with a correct operand. |

| Message Text | Explanation |
|---|---|
| There are no active users at this time | A DUMP PLXUSER command was entered. There is nothing to list.<br><br>*Action:* No action is necessary for this informational message. |
| There are no active IDTEs at this time | A DUMP IDTE command was entered. There is nothing to list.<br><br>*Action:* No action is necessary for this informational message. |
| Extended storage IIBs are not in use | A DUMP FIIBS command was entered. There is nothing to list.<br><br>*Action:* No action is necessary for this informational message. |
| Extended storage but fat IIBS not in use | A DUMP FIIBS command was entered. There is nothing to list.<br><br>*Action:* No action is necessary for this informational message. |
| No FIIBS in use at this time | A DUMP FIIBS command was entered. There is nothing to list.<br><br>*Action:* No action is necessary for this informational message. |
| There are no valid maps at this time | A DUMP PLXMAP command was entered. There is nothing to list.<br><br>*Action:* No action is necessary for this informational message. |
| There are no active entries | A DUMP IDTHPRFX command was entered. There is nothing to list.<br><br>*Action:* No action is necessary for this informational message. |
| There are no active NUCs at this time | A DUMP PLXNUC command was entered. There is nothing to list.<br><br>*Action:* No action is necessary for this informational message. |
| *dbid* Unable to allocate PLXMAP for *system-target* on *system-name* | A PLXMAP update was received from a remote system for which there was no existing PLXMAP. A free PLXMAP slot could not be located. The update is discarded.<br><br>*Action:* This may occur if systems containing cluster nuclei were removed from the sysplex and other systems |

| Message Text | Explanation |
|---|---|
| | containing nuclei were added. If ADACOM is running, issue the DUMP PLXMAP command to examine the assignment of each PLXMAP. Contact your technical support representative for assistance. |

**PLI048** **Unable to DEQ {resource}**

**Explanation** An internal error occurred: ADACOT was unable to release serialization for the named resource. The affected ADACOT module abends.

**Action** Contact your technical support representative.

**PLI049** **RSP {rsp/node-subcode} from {target} {system}**

**Explanation** An attempt was made to update PLXCB structures on another operating system image participating in Adabas Cluster Services (ALS). The response code (*rsp*) and subcode (*subcode*) given in the message indicate an unexpected condition. The Entire Net-Work node ID may also be given in the message (*node*) if Entire Net-Work does not have connectivity to the remote system or if there are problems in the PLXCB structures on the remote system.

**Action** If the reason for the response code is not clear and you cannot resolve the error by analyzing it, contact your technical support representative.

**PLI050** **Initializing ADACOM**

**Explanation** This is the first message produced when ADACOM is starting.

**PLI052** **Commands will go to SVC={svc},DBID={dbid}**

**Explanation** A MODIFY command was issued to change the SVC/DBID combination that is to receive all following MODIFY commands.

**PLI053** **Remainder of input line ignored**

**Explanation** Characters were found at the end of a SVC=*svc*,DBID=*dbid* when no comma follows the SVC/DBID combination. Note that the SVC=svc and DBID=dbid can be in any order.

**PLI054** **Duplicate SVC= or DBID=**

**Explanation** A MODIFY command to change the SVC/DBID combination for commands was issued with more than one SVC= or DBID=.

**Action** Reissue the command with only one SVC/DBID parameter set.

**PLI055** **Invalid SVC or DBID number**

**Explanation** A MODIFY command to change the SVC/DBID combination for commands was issued with a nonnumeric, invalid, or out of range SVC or DBID number.

**Action** Reissue the command with a valid SVC/DBID parameter set.

**PLI056** **Invalid character in command**

**Explanation** A MODIFY command to change the SVC/DBID combination for commands was issued and no comma between SVC=svc and DBID=dbid.

**Action** Correct the format and reissue the command.

**PLI057** **DBID= or SVC= missing**

**Explanation** A MODIFY command to change the SVC/DBID combination for commands was issued and either SVC= or DBID= missing.

**Action** Add the required parameter and reissue the command.

**PLI058** **SVC/DBID pair not active in this ADACOM**

**Explanation** A MODIFY command to change the SVC/DBID combination for commands was issued and the SVC/DBID pair was not specified in the input stream.

**Action** Specify the required parameters and reissue the command.

**PLI059** **SVC/DBID pair processing has ended**

**Explanation** A MODIFY command to change the SVC/DBID combination for commands was issued and the SVC/DBID pair processing has ended either from NU=0 or an abend.

**Action** If you are unable to determine and correct the problem, contact your technical support representative.

**PLI060** **SVC={svc} DBID={dbid} operator command : {command}**

**Explanation** This message indicates that the specified command has been issued from the ADACOM identified by the SVC and DBID listed.

**PLI062** **Command queued**

**Explanation** A command is queued for execution. The results of the command will appear in the output data set for the SVC/DBID combination to which the command was issued.

**PLI063** **Processing: ADACOM SVC={svc},DBID={dbid},NU={users text}**

**Explanation** Issued during initialization for each input line from DDKARTE or for an ADACOM operator command establishing or modifying support for a DBID/SVC pair. The text of the line appears to the right of the colon.

| text | Explanation |
|---|---|
| Initialization complete | Issued as text for PLI063 if NU does not equal 0 and the startup for the SVC/DBID pair was successful. |
| *program* Initialization failed or incomplete | Issued as text for PLI063 when the initialization process encounters an error for a SVC/DBID pair. The error may indicate a problem allocating a corresponding SYSOUT data set. Initialization for the other pairs continues. |
| *program* detached in initialization | An error in initialization was detected. The ADACOM subtask for *program* was detached. |
| Processing ended normally | Issued as text for PLI063 if NU=0 was specified and the PLXCB was processed normally. |

**Action** If you are unable to determine and correct the problem with the SVC/DBID parameter set, contact your technical support representative.

**PLI064** **ADACOM exiting**

**Explanation** This is the last message produced when the ADACOM job is terminating as a result of an ADAEND command or an error situation.

**PLI065** **Initialization complete for all DBID/SVC pairs**

**Explanation** ADACOM has initialized all specified DBID/SVC pairs. See the preceding PLI063 messages for the status of each pair's initialization.

**Action** No action is necessary for this informational message.

**PLI066** **Minimum ADASVC level is V84 for PLXCB dataspace**

**Explanation** A request to create a PLXCB dataspace failed because ADASVC is not at the proper minimum level.

**Action** Upgrade ADASVC or request the PLXCB be allocated in common memory.

**PLI068** **Unrecognized parameter**

**Explanation** During initialization when processing input from DDKARTE, an unrecognized parameter was encountered on the card. ADACOM abends.

**Action** Check the DDKARTE parameters. If you are unable to determine and correct the problem, contact your technical support representative.

**PLI069** **Duplicate parameter**

**Explanation** Issued on initialization when processing input from DDKARTE and a duplicate parameter entry is seen. ADACOM abends.

**Action** Correct the parameter entries and rerun the job.

**PLI070** **Invalid numeric**

**Explanation** Issued on initialization when an SVC or DBID number is recognized as invalid. ADACOM abends.

**Action** Correct the parameter entries and rerun the job.

**PLI071** **SVC or DBID not specified**

**Explanation** Issued on initialization when an SVC or DBID number is recognized as invalid. ADACOM abends.

**Action** Correct the parameter entries and rerun the job.

**PLI072** **IDTH not found**

**Explanation** Issued during initialization when the required IDTH control block cannot be found. ADACOM abends.

**Action** If you are unable to determine and correct the problem, contact your technical support representative.

**PLI073** **Number of IDTEs is zero**

**Explanation** Issued during initialization when the number of IDTEs specified in the IDTH is zero. ADACOM abends.

**Action** If you are unable to determine and correct the problem, contact your technical support representative.

**PLI074** **Duplicate SVC/DBID combo**

**Explanation** Issued during initialization if two input cards from DDKARTE specify the same SVC/DBID combination. ADACOM abends.

**Action** Correct the parameter entries and rerun the job.

**PLI076** **Input must begin with "ADACOM"**

**Explanation** Issued during initialization when an input card from DDKARTE does not begin with "ADACOM" followed by at least one space. ADACOM abends.

**Action** Correct the format of the parameter entries and rerun the job.

**PLI077** **ADACOM IS SHUTTING DOWN [ SVC={svc},DBID={dbid} ADACOM PROCESSING COMPLETE ]**

**Explanation** Issued as the result of an ADAEND command or internal error causing an orderly shutdown. The part of the message enclosed in brackets is issued when an SVC/DBID combination has ended processing.

**Action** If you are unable to determine and correct the problem, contact your technical support representative.

**PLI078** **Previous task has not ended**

**Explanation** Duplicate SVC/DBID combination in startup JCL. ADACOM abends.

**Action** Correct the JCL and rerun.

**PLI079** **Error obtaining {CLUCONB | CLUPLXB | CLUCONQE }**

**Explanation** This message indicates a GETMAIN failure at startup (ADACOM abends), while dynamically adding an SVC/DBID combination (the system continues running), or while dynamically allocating storage for an operator command (the command is ignored).

**Action** At startup, increase the region size and rerun. When dynamically adding an SVC/DBID combination, either terminate ADACOM, increase the region size, and rerun; or start a second ADACOM.

**PLI080** **UID mismatch freeing PLXUSER/UTE at {address} attempting to delete UID {uid1} UTE {uid2}**

**Explanation** ADACOM did not find the expected user ID string when attempting to release a PLXUSER (UTE).

**Action** If the UTE value is all zeros, the UTE was already free. This can come about if an error recovery routine such as a z/OS ESTAE attempts to clean up by issuing CL commands. Natural has error recovery that may do this, particularly if a Natural program is canceled. If this is not the case, or the UTE is non-zero, this is an internal logic error. Contact your Software GmbH technical support representative.

**PLI090** **Not APF authorized - exiting**

**Explanation** ADACOM must run with z/OS APF authorization.

**Action** Ensure that all load libraries are APF-authorized and rerun.

**PLI093** **PLXUSER X2/{code} RSP {rsp}/{node}-{subcode} {target}**

**Explanation** An Adabas ADACOM job servicing Adabas Cluster Services or Adabas Parallel Services nuclei issued an internal X2 command to release a PLXUSER representing a user either originating from or routed to another system. Such users have PLXUSERs on both systems. The command failed with the displayed response code and subcode.

The *code* listed in the message identifies the reason for the X2 command:

| Code | X2 Command Reason |
|---|---|
| 8014 | Delete PLXUSER on remote system. |
| 8020 | Query PLXUSER status for a user originating from a remote system. |
| 8024 | Query PLXUSER status for a local user assigned to a remote system. |

**Action** If the PLXUSER cannot be released at this time, attempts will be made at intervals to release it. Contact your technical support representative for assistance if the reason for the response code cannot be identified.

**PLI910** **Unable to determine Net-Work DBID target holder**

**Explanation** No image in the network holds the DBID as a network target and this nucleus failed in its attempt to establish it. This is an error condition. Commands from users in an image with no active nucleus and no active ADACOM l get response code 148 (ADARSP148).

**Action** Either start up a different node in the network or shut down and restart an existing node to see if the problem resolves itself. If the problem persists, the user should contact Customer Support.

**PLI920** **NET-WORK DBID target held by {image-system-name}**

**Explanation** The remote image, identified in the message by its system name, holds the DBID as a network target.

**Action** No action is required for this informational message.

| | |
|---|---|
| **PLI930** | **NET-WORK DBID target owned on this image** |
| **Explanation** | The image in which this nucleus is active holds the DBID as a network target. |
| **Action** | No action is required for this informational message. |

# 59 PLX* - ADACLU Messages

ADACLU messages apply only to Adabas nucleus cluster environments.

All of the following messages are both printed on the console and written to the DDPRINT data set.

Each message begins with a timestamp in the format *hh:mm:ss* and a job name.

The *dbid* and *nucid* are shown as five numeric characters with leading zeros.

| | |
|---|---|
| **PLX042** | **{dbid} X0 failed NW RSP {rsp/node-subcode}** |
| **Explanation** | An internal command to Entire Net-Work was issued to retrieve the Entire Net-Work node name. It failed with the response code (*rsp*) and subcode (*subcode*) listed in the message. If the response code was set by Entire Net-Work, the message may contain the N-W node number (*node*). |
| **Action** | Verify that Entire Net-Work is active. If so, issue the Entire Net-Work command `D T` to examine the target list and confirm Entire Net-Work is active and responsive. Contact your technical support representative if you are unable to resolve the error. |

| | |
|---|---|
| **PLX043** | **{dbid} Net-Work detected {up\|down}** |
| **Explanation** | This message occurs during initialization or whenever a nucleus detects a change of status for an Entire Net-Work. Normally only one nucleus on a system will issue this and process the change of state event. If the new state is up, it will be followed by messages PLX044, PLX048 and PLX088. PLX087 will be issued on other member nuclei. |
| **Action** | No action is required for this informational message. |

**PLX044** **{dbid} System image target {target} established**

**Explanation** During initialization or whenever an Entire Net-Work becomes active, the system target is defined to it. The system target is needed to support command routing to remote systems and to update PLXCB structures on systems with no nuclei. It is issued only by the nucleus that issued PLX043 when it detected that Entire Net-Work has started.

**Action** No action is required for this informational message.

**PLX045** **{dbid} Unable to allocate PLXMAP for {system-target} on {system-name} {/{svc}}**

**Explanation** A PLXMAP update was received from a remote system for which there was no existing PLXMAP. A free PLXMAP slot could not be located. The update is discarded.

This may occur if systems containing cluster nuclei were removed from the sysplex and other systems containing nuclei were added. On some platforms the system name is followed by the SVC number being used on the named system.

**Action** If ADACOM is running, issue the `DUMP PLXMAP` command to examine the assignment of each PLXMAP. Contact your Software GmbH technical support representative for additional assistance.

**PLX046** **{dbid} Feed{acquire|release} target {target} failed NW RSP {rsp/node-subcode nucid}**

**Explanation** A nucleus was unsuccessful when attempting to acquire or release the Entire Net-Work target. This may be either the DBID target or the system image target. The response and subcode are set by Entire Net-Work (NW). Most common is response code 145 (ADARSP145), indicating that the DBID target is already defined on another node. In that case the node in the message is where the target is currently held.

This error may occur when an Entire Net-Work becomes unavailable or when the target is not in the correct state for the action.

**Action** Issue the Entire Net-Work command `D T` to examine the target. Contact your technical support representative if you are unable to resolve the conflict.

**PLX047** **{dbid} No suitable system found for DBID target**

**Explanation** Entire Net-Work must be active and there must be at least one active nucleus if the system is to hold the DBID target. A poll of all systems with active nuclei found no such suitable system.

**Action** Start a nucleus or Entire Net-Work on a system to which the DBID target may be assigned.

**PLX048** **{dbid} System {system-name}{/{svc}} selected for DBID target**

**Explanation** After polling systems with active nuclei, the system named in the message (*system-name*) was selected as the most suitable to hold the DBID target. It is issued only by the nucleus that issued PLX043 when it detected that Entire Net-Work has started. On some platforms the system name is followed by the SVC number being used on the named system

**Action** No action is required for this informational message.

**PLX049** **{dbid}PLXMAP {cmd} RSP {rsp/node-subcode} from {target} on {system-name}{/{svc}}**

**Explanation** A PLXMAP update containing information about active nuclei and load-balancing information was attempted for the system named in the message (*system-name*). The update failed with the response and subcode given in the message. The command may be V2, implying the update was sent using Adabas messaging (XCF for Cluster Services) or X3, implying the update was sent using Entire Net-Work. If a PLXMAP exists for the named system, the load balancing counters and nucleus information may be cleared. On some platforms the system name is followed by the SVC number being used on the named system

**Action** If you are unable to identify a cause for the error, contact your technical support representative for assistance.

**PLX050** **{dbid} ADACLU INIT DBID={dbid} NUCID={nucid}**

**Explanation** The cluster nucleus listed in the message (*nucid*) for the cluster identified in the message (*dbid*) is initializing its PLXCB structures. It is followed by one or more relevant initialization messages:

| Message Text | Explanation |
|---|---|
| Acquiring new PLXCB | Having determined that no Adabas cluster control block (PLXCB) currently exists, ADACLU is attempting to acquire a new one. |
| Cannot change number of users now. There are NUCS/ADACOMS active | Once the cluster is active; that is, once a nucleus or ADACOM starts, the PLXCB NU parameter is set and cannot be changed without bringing down the entire cluster, changing the parameter value, and restarting.<br><br>If you need to change the PLXCB NU parameter value and resize the PLXCB, terminate all cluster nuclei, ADACOMs, and users, and restart. |
| Cannot free PLXCB at this time. There are NUCS/ADACOMS active | Once the cluster is active; that is, once a nucleus or ADACOM starts, the PLXCB NU parameter is set and cannot be changed without bringing down the entire cluster, changing the parameter value, and restarting. |

| Message Text | Explanation |
|---|---|
| | If you need to change the PLXCB NU parameter value and resize the PLXCB, terminate all cluster nuclei, ADACOMs, and users, and restart. |
| Freeing old PLXCB | The NU parameter value is being changed. The old environment is being freed. |
| GETMAIN failed for PLXCB | An attempt to acquire GETMAIN space for a new Adabas cluster control block (PLXCB) failed. The cluster nucleus terminates abnormally (abends).<br><br>Ensure that sufficient space is available to allocate the PLXCB structures and resubmit the job. |
| IDTHPRFX not found | This is an internal error. The nucleus terminates abnormally (abends). Contact your technical support representative for assistance. |
| Max users capped at upper limit | The maximum size of the PLXUser pool is 14,913,014 elements. |
| Max users for image *number-of-users* | Displays the maximum number of users (NU) allowed for the operating system image. |
| Obtain of IDTHPRFX failed | The IDTH prefix created when the IDT was created accommodates 15 cluster DBIDs. It was necessary to acquire storage to extend the IDTH prefix for additional DBIDs. Insufficient storage was available (in z/OS this is ECSA).<br><br>Increase the region size to resolve this problem. For additional assistance, contact your technical support representative. |
| PLXCB is located at *address* | The location of the PLXCB, either new or existing, is provided. If the PLXCB was allocated in a dataspace the address is the nucleus local storage into which it is mapped. |
| PLXCB dataspace is *name* ALET *ALET* | A PLXCB dataspace is being used. |
| PLXCB version is *vrs* Program level is *vrs* | An existing PLXCB is of a version incompatible with this nucleus. The nucleus terminates abnormally (abends). |
| Incompatible ADASVC Version | ADASVC must be at the same or higher version and release as ADACLU. |
| PSW key *pswkey* not compatible with PLXCB key *plxcbkey* | A previously allocated PLXCB cannot be used because of a difference between the PSW and storage keys. Run the cluster in the PLXCB key or delete the existing PLXCB and reallocate it in the desired key. |
| PLXCB dataspace ALET not found | The ALET to access the PLXCB dataspace was not found. Details may be found in ADACOM messages. The nucleus terminates abnormally (abends). |

| Message Text | Explanation |
|---|---|
| PLXCB dataspace ALET invalid | The ALET provided by ADACOM to access the PLXCB dataspace is invalid. The nucleus terminates abnormally (abends). |
| PLXCB dataspace failed validation | The PLXCB dataspace is not correctly populated. The nucleus terminates abnormally (abends). |
| Unable to get PLXCB local map storage | The attempt to acquire nucleus local storage into which the PLXCB would be mapped was unsuccessful. Details may be found in ADACOM messages. The nucleus terminates abnormally (abends). |
| Unable to map PLXCB dataspace | The call to ADACOM to map the PLXCB into nucleus local storage was unsuccessful. Details may be found in ADACOM messages. The nucleus terminates abnormally (abends). |
| Unable to get Home ASID SToken | The operating system request to acquire a token for the nucleus address space was unsuccessful. |

**PLX051** **{dbid} IDTH prefix is not valid**

**Explanation** The IDT table header has been corrupted. The Adabas cluster terminates abnormally (abends).

**Action** Reinstall the Adabas SVC to reconstruct the IDT.

**PLX052** **{dbid} Number of IDTE entries is zero**

**Explanation** The ID table header has been corrupted. The Adabas cluster terminates abnormally (abends).

**Action** Reinstall the Adabas SVC to reconstruct the IDT.

**PLX053** **{dbid} GETMAIN for CLUPLXB failed**

**Explanation** GETMAIN for CLUPLXB is acquired above the 16MB line in ECSA. You have insufficient space these for CLUPLXB.

**Action** Increase the space available to CLUPLXB in ECSA.

**PLX054** **{dbid} MPM initialization failed**

**Explanation** This is an internal error. The Adabas cluster terminates abnormally (abends).

**Actions:** Contact your technical support representative.

| | |
|---|---|
| **PLX055** | **{dbid} GETMAIN for CQXE failed** |
| **Explanation** | Virtual storage was insufficient to allocate the CQXE structures. |
| **Action** | Increase the virtual storage available and restart the nucleus. |

| | |
|---|---|
| **PLX056** | **{dbid} Dataspace/S64 acquisition failed** |
| **Explanation** | The Adabas Parallel Services nucleus was unable to connect to a storage object. Further details are available in the associated ADACOM job's messages. |
| **Action** | If the cause is not clear after examining the messages in the associated ADACOM, notify your technical support representative. |

| | |
|---|---|
| **PLX057** | **{dbid} Dataspace/S64 delete failed** |
| **Explanation** | The Adabas Parallel Services nucleus was unable to delete a storage object. Further details are available in the associated ADACOM job's messages. |
| **Action** | If the cause is not clear after examining the messages in the associated ADACOM, notify your technical support representative. |

| | |
|---|---|
| **PLX058** | **{dbid} ALSERV failed** |
| **Explanation** | An error occurred attempting to define an ALET to access shared dataspaces. |
| **Action** | If the cause is not clear after examining the messages in the associated ADACOM, notify your technical support representative. |

| | |
|---|---|
| **PLX059** | **{dbid} pointer to IDTH is zero** |
| **Explanation** | This is an internal error. The Adabas cluster terminates abnormally (abends). |
| **Action** | Contact your technical support representative. |

| | |
|---|---|
| **PLX060** | **{dbid} Invalid function code for ADACLU** |
| **Explanation** | This is an internal error. The Adabas cluster terminates abnormally (abends). |
| **Action** | Contact your technical support representative. |

| | |
|---|---|
| **PLX061** | **{dbid} No useable PLXNUC found** |
| **Explanation** | This is an internal error. The Adabas cluster terminates abnormally (abends). |
| **Action** | Contact your technical support representative. |

**PLX062** **{dbid} Job is not authorized**

**Explanation** Adabas Cluster Services and Adabas Parallel Services nuclei must run with z/OS APF authorization.

**Action** APF-authorize all load libraries.

**PLX064** **{dbid} Maximum NUCID is 65000**

**Explanation** The range of valid NUCIDs is 1-65000. The Adabas cluster terminates abnormally (abends).

**Action** Provide a valid NUCID for the cluster nucleus and restart.

**PLX066** **{dbid} Duplicate NUCID in active PLXNUC**

**Explanation** An active PLXNUC entry was found in the PLXCB structure for the same NUCID as the starting nucleus.

**Action** Nucleus IDs must be unique. If the PLXNUC entry is the result of an earlier nucleus that failed in such a way that it could not be deactivated, the ADARUN FORCE=YES parameter will allow the PLXNUC to be overwritten. Note that incorrect or inappropriate use of FORCE=YES, such as when the NUCID is still active, may cause all nuclei in the cluster to fail and expose the database to corruption.

**PLX067** **{dbid} Initialization of ADACLU complete**

**Explanation** The Adabas cluster initialized successfully.

**Action** No action is required for this informational message.

**PLX068** **{dbid} Termination of ADACLU beginning**

**Explanation** This message is informational only. It indicates whether shutdown processing for ADACLU has begun.

**Action** No action is required for this informational message.

**PLX069** **{dbid} Termination of ADACLU complete**

**Explanation** This message is informational only. It indicates whether shutdown processing for ADACLU has been completed.

**Action** No action is required for this informational message.

**PLX071** **{dbid} ADACLU - Invalid CLUINTER eyecatcher**
**{dbid} ADACLU - Invalid thread number**
**{dbid} ADACLU - CLUINTER in use**

**Explanation** These are internal errors. The Adabas cluster terminates abnormally (abends).

**Action** Contact your technical support representative.

**PLX073** **{dbid} NUCID in use as a cluster DBID**

**Explanation** The NUCID cannot be the same as any DBID using the same IDT (ADASVC instance).

**Action** Specify a different NUCID and resubmit the job.

**PLX074** **{dbid} CLUFREEUSER command accepted**

**Explanation** The CLUFREEUSER command syntax and operands have been validated.

**Action** No action is required for this informational message.

**PLX075** **{dbid} CLUFREEUSER invalid syntax starting {text}**

**Explanation** An error was detected in the syntax or operands of a CLUFREEUSER operator command.

**Action** Reissue the CLUFREEUSER operator command with correct syntax and operands.

**PLX076** **{dbid} {message-text}**

**Explanation** Various message texts (*message-text*) are associated with this message number. Each is explained in the following table:

| Message Text | Explanation |
|---|---|
| No users were deleted | The CLUFREEUSER operator command was issued, but no eligible users were found to delete. |
| Not deleted pending RSP 9/20 is *number-of users* | The CLUFREEUSER operator command was issued but the FORCE parameter was not specified and the number of users specified were pending a response code 9 (ADARSP009), subcode 20. |
| Number of users deleted is *number* | The CLUFREEUSER operator command was issued and the number of users listed in the message were deleted. |

**Action** No action is required for these informational messages.

**PLX078** **{dbid} A local single nucleus is already up (an IDTE is active for this DBID)**

**Explanation** An Adabas Cluster Services or Adabas Parallel Services nucleus is attempting to start, but there is already an active single nucleus with the same DBID.

**Action** Stop the single nucleus and try again.

**PLX080** **UID mismatch freeing PLXUSER/UTE {address} {reason} UID {uid1} UTE {uid2}**

**Explanation** ADACLU did not find the expected user ID string when attempting to validate or release a PLXUSER (UTE).

**Action** If the UTE value is all zeros, the UTE was already free. This can come about if an error recovery routine such as a z/OS ESTAE attempts to clean up by issuing CL commands. Natural has error recovery that may do this, particularly if a Natural program is canceled. If this is not the case, or the UTE is non-zero, this is an internal logic error. Contact your technical support representative.

**PLX084** **{dbid} Net-Work DBID target not held**

**Explanation** During initialization, termination, or when an Entire Net-Work change of state is detected, the Entire Net-Work DBID target was found not to be assigned to any system.

**Action** No action is required for this informational message.

**PLX085** **{dbid} Net-Work DBID target not acquired**

**Explanation** The Entire Net-Work DBID target could not be successfully assigned or acquired. This message is accompanied by others such as PLX046, PLX047, PLX048, and PLX089.

**Action** If you are unable to determine the cause of the error, contact your technical support representative for assistance.

**PLX086** **{dbid} Net-Work DBID target acquired by {system-name}{/{svc}}**

**Explanation** This message is issued when a nucleus has detected the DBID target is either released or not assigned, a suitable system was selected to acquire the target, and a nucleus on the system identified in the message (*system-name*) has successfully acquired the Entire Net-Work DBID target. On some platforms the system name is followed by the SVC number being used on the named system.

**Action** No action is required for this informational message.

**PLX087** **{dbid} Net-Work DBID target held by{system-name}{/{svc}}**

**Explanation** During initialization, termination or when an Entire Net-Work change of state is detected, the Entire Net-Work DBID target was found to be assigned to the system named in the message. This message is issued by all member nuclei whenever the DBID target assignment changes. On some platforms the system name is followed by the SVC number being used on the named system.

**Action** No action is required for this informational message.

**PLX088** **{dbid} Net-Work DBID target acquired by this image**

**Explanation** This nucleus has successfully acquired the Entire Net-Work DBID target.

**Action** No action is required for this informational message.

**PLX089** **{dbid} Net-Work DBID target released by this image**

**Explanation** The last nucleus, on the system to which the Entire Net-Work DBID target is assigned, is terminating. The DBID target is released and may be acquired by another system, should a suitable one become available.

**Action** No action is required for this informational message.

**PLX090** **{dbid} Attempting to create dataspaces/S64**

**Explanation** The nucleus has signaled ADACOM to attempt to allocate cluster data spaces and shared 64-bit addressable memory objects.

**Action** No action is required for this informational message.

**PLX091** **{dbid} Attempting to delete dataspaces/S64**

**Explanation** This nucleus is terminating and is the last nucleus of this DBID. ADACOM has been signaled to delete cluster data spaces and shared 64-bit addressable memory objects.

**Action** No action is required for this informational message.

**PLX092** **{dbid} Dataspaces/S64 deleted**

**Explanation** The cluster data spaces and shared 64-bit addressable memory objects have been successfully deleted.

**Action** No action is required for this informational message.

**PLX093** **PLXUSER X2/{code} RSP {rsp}/{node}-{subcode} {target}**

**Explanation** An Adabas Cluster Services or Adabas Parallel Services nuclei issued an internal X2 command to release a PLXUSER representing a user either originating from or routed to another system. Such users have PLXUSERs on both systems. The command failed with the displayed response code and subcode.

The *code* listed in the message identifies the reason for the X2 command:

| Code | X2 Command Reason |
|---|---|
| 8014 | Delete PLXUSER on remote system. |
| 8020 | Query PLXUSER status for a user originating from a remote system. |
| 8024 | Query PLXUSER status for a local user assigned to a remote system. |

**Action** If the PLXUSER cannot be released at this time, attempts will be made at intervals to release it. Contact your technical support representative for assistance if the reason for the response code cannot be identified.

**PLX097** **{dbid} Dataspaces acquired**

**Explanation** The cluster data spaces and shared 64-bit addressable memory objects have been successfully allocated.

**PLX099** **{dbid} ADACOM not available**

**Explanation** ADACOM cannot be found.

**Action** Determine why ADACOM is not available and correct the problem. Then restart.

**PLX101** **{dbid} NUCID {nucid} not found**

**Explanation** The nucleus entered in a TARGET operator command was not active. The nucleus ID (nucid) is given in the message.

**Action** Try again, specifying the nucleus ID of an active nucleus or using another form of the TARGET operator command.

**PLX102** **{dbid} No active nuclei on {system}**

**Explanation** No active nuclei were found on the system image entered in a TARGET operator command.

**Action** Try again, specifying the name of a system image with one or more active nuclei or using another form of the TARGET operator command.

**PLX103** **{dbid} Active nuclei under multiple SVCs on {system-name}**
**Reissue TARGET command using NUCID**
**NUCID {nucid} SVC {svc}**

**Explanation** A TARGET operator command specified the name of a system. There are multiple Entire Net-Work nodes on the named system with active Adabas Cluster Services nuclei, each node using a different SVC. There will be one instance of the detail line for every active nucleus on the named system.

**Action** Select any nucleus ID active on the desired Entire Net-Work node. Reissue the operator command and specify the selected NUCID instead of the system name. Note that the specific nucleus may not be the one to service the request. The NUCID is used only to select a candidate nucleus from the set of active nuclei.

# 60 PL6* - PRILOG Print Program Messages


- Messages from the System-Dependent Component ..... 987

**PL6000I** **Card read =>{control-card}**

**Explanation** The PRILOG input control card that was read is displayed in the message

**Action** No action is required for this informational message.

**PL6001E** **Unrecognized input card**

**Explanation** One of the control cards read was not recognized by PRILOG.

**Action** Ensure that all cards either being with PRILOG or an asterisk (*) for a comment line.

**PL6002E** **Invalid parm: {parameter}**

**Explanation** The specified input parameter or value in the PRILOG control cards is invalid.

**Action** Correct the identified parameter and rerun the program.

**PL6003W** **CLOGLAYOUT is x**

**Explanation** This informs the user as to the CLOGLAYOUT being processed. x is the CLOGLAYOUT type (usually 8, older CLOGs maybe 5).

**Action** This is an information message.

**PL6004E** **VERBOSE parameter requires another qualifier**

**Explanation** The PRILOG FIELDS VERBOSE parameter requires a qualifier. This error occurs when the parameter `FIELDS=(VERBOSE)` is input, when the specification should be, for example, `FIELDS=(LIST,VERBOSE)`.

**Action** Correct the identified parameter and rerun the program.

**PL610I** **{nnnnnnnn} records skipped because CLOG created with LOGCB=NO**

**Explanation** This message list the number of CLOG records (*nnnnnnnn*) that have been skipped because they do not contain ACB/ACBX data as defined by the ADARUN parameter LOGCB=NO.

**Action** No action is required for this informational message.

**PL611E** **no records read from DDCLOGIN**

**Explanation** The file linked to DDCLOGIN is either empty or is of the wrong type. This may be accompanied by **PL6D02** or **PL6D03** messages.

**Action** Check the JCL link statement DDCLOGIN and the file linked to it. Correct and rerun the job.

## Messages from the System-Dependent Component

**PL6D01** **DDCARD file failed to open, using defaults**

**Explanation** The input card file could not be opened.

**Action** If the defaults are used, there are no input cards and this file is not required. The message can be ignored. The default values are CLOGLAYOUT=5 and FIELDS=(LIST).

If values other than the defaults are required, ensure that the file is available and rerun the job.

**PL6D02** **DDCLOGIN file failed to open - no reports**

**Explanation** The file containing the CLOG records did not open. No reports are printed.

**Action** Ensure that the file is properly allocated and rerun the job.

**PL6D03** **DDCLOGIN must be DSORG PS/VB - no Reports**

**Explanation** The file containing the CLOG records was of the wrong type and not opened. DDCLOGIN should be sequential (DSORG PS) and variable-blocked (RECFM=VB). No reports are printed.

**Action** Check the attributes of DDCLOGIN. Reallocate and rerun the job.

# 61 POP* - Adabas System Coordinator Server Component

## Messages

POPnnn messages are issued from the Adabas System Coordinator Adabas server component.

| | |
|---|---|
| **POP000I** | **Adapop V##### initialised, EP=######## CIB=########** |
| **Explanation** | The database interface to the Adabas System Coordinator has been initialized successfully. |
| **Action** | None. This message is for information only. |

| | |
|---|---|
| **POP001S** | **Adapop cannot initialise, getmain error** |
| **Explanation** | ADAPOP cannot initialise because of a memory shortage. |
| **Action** | Increase the region specification for the database job. |

| | |
|---|---|
| **POP002S** | **Adapop initialisation failed, kernel load error** |
| **Explanation** | ADAPOP failed to locate or load the runtime kernel module CORKRN. |
| **Action** | Ensure that the load library containing the kernel module is available to the database job. |

| | |
|---|---|
| **POP003E** | **Database proxy module ######## for product ### is invalid (bad eyecatcher)** |
| **Explanation** | The database component for the indicated product is invalid. |
| **Action** | Check and correct the installation. |

**POP004E** **Database proxy module ######## for product ### is not supported**

**Explanation** The database component for the indicated product is not supported by this version of the Adabas System Coordinator Adabas server component.

**Action** The affected product is disabled for this Adabas nucleus. Ensure that you use the correct product versions.

**POP005E** **Memory shortage alert-no memory for COR threads, add-ons are deactivated**

**Explanation** An Adabas option command cannot be completed because of a memory shortage.

**Action** The affected commands will receive RSP101/24.

There is a possibility that some critical command-related processing was not able to be performed in the case where this message appears. The most critical situation is where Adabas Fastpath is in full operation for the database (beyond a simple AFPLOOK sample). In this case Fastpath will attempt to automatically switch off optimization for the database to ensure there is no risk to the coherence between cache and database content. The administrator should check to make sure this has happened and if there is any doubt, manually stop the optimization for the database - or shut the entire Fastpath caching down. More memory needs to be made available to the System Coordinator within the database job. This may be achieved by making more memory available to the job (increasing REGION size etc.) or if there is no more memory available for the job then reducing `LBP` (or similar) by 1 megabyte should alleviate the problem when the database is next recycled.

**POP006S** **Append of product v-con list failed**

**Explanation** This is an internal error.

**Action** Contact your technical support representative.

**POP007S** **ADAPOV load error**

**Explanation** The anchor module ADAPOV cannot be loaded. This module is distributed with the main Adabas libraries and should always be present. Failure to load this module could cause problems with the initialization of the Adabas System Coordinator component.

**Action** Ensure that the load library containing ADAPOV is available to the job.

**POP008E** **IOR failure - function: ## error ##**

**Explanation** An internal error occurred during the processing of an operating system dependent function.

**Action** Contact your technical support representative for assistance.

**POP009I** **Adapop running in DEMO mode**

**Explanation** Adapop is running in DEMO mode because Adabas System Coordinator is not available to this job.

This message normally indicates that this Adabas nucleus is running with ADARUN FASTPATH=YES and/or ADARUN VISTA=YES for the purpose of using the AFPLOOK and/or AVILOOK command samplers which are supplied with the Adabas distribution library.

**Note:**

The presence of this POP009I message when any of the products below are in use indicates that the product(s) may not be operating as intended. For example, if Adabas Fastpath is in use, this nucleus will not be eligible for command optimization:

- Adabas Fastpath
- Adabas Vista
- Adabas Transaction Manager
- Adabas SAF Security

For successful product operation, the database process must be correctly enabled by the availability of the Adabas System Coordinator load library. If necessary, refer to the relevant product's installation guide.

**Action** If you have Adabas System Coordinator installed at your site then make it available to this job. Otherwise this message is for information only.

**POP010E** **Incompatible version of SAFADA detected**

**Explanation** A security check has been requested but the database proxy module SAFADA for product Adabas SAF Security is not at the required maintenance level.

**Action** Apply all available Adabas SAF Security maintenance from Empower.

**POP011E** **Database proxy module SAFADA for product AAF is not available**

**Explanation** The database is configured to require the mandatory presence of Adabas SAF Security's database proxy module SAFADA

**Action** Ensure Adabas SAF Security's database proxy module SAFADA is available to the database.

# 62 Adabas Review 00xxx Messages

**REV00MNF** **Message {msg-id} not found in {logon-id}**

**Explanation** A message inquiry was made for a message number that is not known to Adabas Review. This will happen if an invalid message number is entered.

**Action** If the message number is for an Adabas Review message, contact your technical support representative.

**REV00001** **Welcome to Adabas Review V {v.r.s} running under {tp-monitor}**

**Explanation** This message welcomes users to Adabas Review and indicates the environment under which they are running.

| | |
|---|---|
| v.r.s | the version, revision, and SP level. |
| tp-monitor | the active TP monitor. |

**Action** This message is for information only.

**REV00002** **Review command must begin with subsystem code**

**Explanation** An invalid command was entered from the Adabas Review main menu. All commands from the main menu must begin with a subsystem code as shown on the screen.

**Action** Enter a valid command.

**REV00003** **THIS FIELD IS NOT ALLOWED FOR DETAIL REPORTS**

**Explanation** The specified filed is not allowed for detailed reports.

**Action** Remove the incorrect field.

**REV00004** **Enter Review command**

**Explanation** Adabas Review is waiting for terminal input.

**Action** Press a valid PF key or enter an Adabas Review command.

**REV00005** **Invalid command**

**Explanation** An invalid command was entered into the Adabas Review command line.

**Action** Press a valid PF key or enter a valid Adabas Review command.

**REV00006** **Press 'Enter' to continue initialization process**

**Explanation** During Adabas Review initialization a series of messages are displayed. Adabas Review will pause whenever a page is full or on the last page.

**Action** Press ENTER.

**REV00008** **No online system of Review is available**

**Explanation** Adabas Review has determined that there are no online systems available to the user. There are two possible causes:

1. the installation of Adabas Review has not been fully completed.
2. Adabas Review is installed, but your profile prohibits you from accessing the available systems.

**Action** Contact your Adabas Review administrator.

**REV00011** **Interval statistics profile has been created**

**Explanation** During Adabas Review initialization, the interval statistics profile record was created.

**Action** This message is for information only.

**REV00012** **Report has been saved**

**Explanation** The request to save a report definition to the Adabas Review repository has completed successfully.

**Action** This message is for information only.

**REV00013** **Now viewing current data**

**Explanation** You are now viewing current data as opposed to historical data.

**Action** This message is for information only.

**REV00014** **{user-id} is not authorized to use Review**

**Explanation** Either you have not been defined to Adabas Review, or you are not authorized to use Adabas Review.

**Action** Contact your Adabas Review administrator.

**REV00015** **Report name is required**

**Explanation** An attempt was made to edit/copy a report without a name.

**Action** Enter a name in the report name field.

**REV00017** **At least one item must be selected**

**Explanation** An attempt was made to add a report without selecting any items to be used as report criteria.

**Action** Select one or more fields to be used as criteria by entering a number in its ORDER field.

**REV00020** **Order number must not exceed 20 (max number of items)**

**Explanation** A number greater that 20 was entered into one of the ORDER fields.

**Action** Enter a number between 1 and 20.

**REV00021** **Order number must be unique**

**Explanation** Duplicate ORDER numbers have been detected.

**Action** Enter a unique number in each ACCT ORDER to be included in the report.

**REV00025** **Now viewing historical data**

**Explanation** You are now viewing historical data as opposed to current data.

**Action** This message is for information only.

**REV00026** **Report was not saved**

**Explanation** The request to save a report was not successful. This is usually caused by responding NO when asked if you want to replace the report that was previously saved under the same name.

**Action** This message is for information only.

**REV00027** **There are no detailed records for this report**

**Explanation** A *detailed response time* report was requested but there are no detail records for the selected report.

**Action** This message is for information only.

**REV00028** **Report was not refreshed**

**Explanation** This indicates that a request to restart a report was not successful.

**Action** This message is for information only.

**REV00029** **Invalid reply**

**Explanation** An invalid reply was given to an Adabas Review prompt.

**Action** Enter a valid reply.

**REV00030** **Report has been purged**

**Explanation** This confirms that the purge report request was successful.

**Action** This message is for information only.

**REV00032** **Report not found**

**Explanation** An attempt to access a report has failed because the report is not active.

**Action** This message is for information only.

**REV00033** **Unknown return code from purge - RC= {ret-code}**

**Explanation** An unknown return code was returned from the purge reports program due to an internal error.

**Action** If the problem reoccurs, contact your technical support representative.

**REV00035** **This is the oldest historical snapshot**

**Explanation** This is the oldest historical snapshot; the NEXT command cannot be entered.

**Action** This message is for information only.

**REV00036** **Do not enter {x} and a direct command**

**Explanation** A reply was entered into an Adabas Review prompt field and a direct command was entered simultaneously.

**Action** Either answer the Adabas Review prompt or enter a direct command, but not both.

**REV00037** **Invalid response - only valid response is {xxx}**

**Explanation** An invalid response was detected and Adabas Review is prompting the user with the correct response.

**Action** Enter a valid response.

**REV00038** **Report status has been changed**

**Explanation** This confirms that a request to activate or deactivate a report was successful.

**Action** This message is for information only.

**REV00040** **Redisplay buffer full - Rediplay unavailable**

**Explanation** The redisplay is unavailable because more than 5000 lines were displayed.

**Action** As a workaround, the report data can be printed via the HC command and other tools can be used to scroll through this output.

**REV00043** **You must reply 'Y' or 'N'**

**Explanation** An invalid reply was given in response to an Adabas Review prompt that requires a reply of either yes ("Y") or no ("N").

**Action** Reply "Y" or "N".

**REV00044** **Value must be between 0 and 100**

**Explanation** The value entered was not within the range 0 and 100.

**Action** Enter a value between 0 and 100.

**REV00045** **Do not mark blank lines**

**Explanation** A selection was marked on a line that does not have a value or any data to select.

**Action** Mark a valid selection or enter an Adabas Review command.

**REV00046** **Do not mark deleted reports**

**Explanation** A character was placed in the select field of a report that was just deleted.

**Action** Do not place a character in this field.

**REV00047** **Invalid character**

**Explanation** An invalid character was entered into an Adabas Review field.

**Action** Enter a valid character.

**REV00050** **Non-zero return code from FREEMAIN**

**Explanation** An unexpected return code has occurred while trying to free storage. The return code is also displayed.

**Action** If the problem recurs, contact your technical support representative.

**REV00052** **Keeping sample report {report-name}**

**Explanation** When sample Adabas reports are loaded by the INSTALL DB command and a report has already been loaded before, the report is kept (remains unchanged).

**Action** This message is for information only.

**REV00053** **Repairing sample report {report-name}**

**Explanation** When sample Adabas reports are loaded by the INSTALL DB command and a report is found more than once (which should normally not happen), all occurrences are deleted, and the report is recreated.

**Action** This message is for information only.

**REV00054** **Creating sample report {report-name}**

**Explanation** When Adabas Review is invoked online for the first time, it adds sample Adabas reports to its system file. If Adabas Review sample reports have been deleted, the INSTALL DB command adds them again.

**Action** This message is for information only.

**REV00055** **Select a historical snapshot**

**Explanation** Select a historical snapshot.

**Action** This message is for information only.

**REV00057** **Use of function is prohibited**

**Explanation** An attempt was made to perform an Adabas Review function that is not permitted for the user.

**Action** Contact your Adabas Review administrator.

**REV00058** **There are no saved reports to list**

**Explanation** A request to list report definitions was made but there are no definitions to list.

**Action** This message is for information only.

**REV00059** **Operator command issued**

**Explanation** The operator command was issued to Com-plete.

**Action** This message is for information only.

**REV00060** **No report selected to view**

**Explanation** An attempt was made to perform an Adabas Review View function, but no report was selected

**Action** Access a report using a List or Edit function and the retry the View function.

**REV00062** **No data has been accumulated for this report**

**Explanation** A request to display a report cannot be satisfied because the report has not yet accumulated any data.

**Action** Determine if the report criteria is correct and if so, try again later or else add a new report.

**REV00064** **Invalid function**

**Explanation** An invalid function was entered.

**Action** Enter a valid function.

**REV00065** **DBID missing**

**Explanation** DBID= was entered on the Adabas Review command line of the Adabas Communication Statistics display, but no corresponding DBID number was given.

**Action** Enter DBID=*nnn* where *nnn* is a valid DBID number.

**REV00066** **Invalid cursor position**

**Explanation** The cursor was placed at an invalid location on a screen that senses the cursor position to perform a function.

**Action** Place the cursor at a valid position or enter an Adabas Review command.

**REV00068** **Invalid logical operator**

**Explanation** An invalid logical operator was entered. Valid operators are: =,:,<,>,EQ,NE,LT,GT,LE,GE

**Action** Enter a valid logical operator.

**REV00072** **Mark one line only**

**Explanation** More than one line was marked to perform a report function. This is not allowed.

**Action** Mark only one line at a time.

**REV00073** **Invalid character in select column**

**Explanation** A line has been marked with a character that has no assigned function.

**Action** Mark lines using valid characters.

**REV00074** **Invalid Transaction Summary option**

**Explanation** An invalid option was entered into the Transaction Summary Option field in the Edit Report screen.

Valid options are NONE, SUM, and DET.

**Action** Enter a valid option.

**REV00078** **Report was not purged**

**Explanation** The request to purge a started report was not performed.

**Action** This message is for information only.

**REV00079** **Invalid message prefix**

**Explanation** An inquiry was made for a message number that has an invalid prefix. Message numbers must start with *REV*.

**Action** Enter the MSG command using a valid message number.

**REV00080** **Com-plete functions are not valid under CICS**

**Explanation** A Com-plete performance monitor function was attempted. This is not valid under CICS.

**Action** This message is for information only.

**REV00081** **Review is not compatible with this version of Com-plete**

**Explanation** A Com-plete performance monitor function was attempted on a version of Com-plete earlier than version 4.4.

**Action** Install the current version of Com-plete.

**REV00082** **Select a buffer pool or enter a Review command**

**Explanation** The Adabas Review buffer pool function is waiting for terminal input.

**Action** Select a buffer pool by name or enter an Adabas Review command.

**REV00083** **Syntax error in scan command**

**Explanation** A syntax error was detected while processing a scan command on the ET display.

**Action** This message is for information only.

**REV00084** **Invalid buffer pool name**

**Explanation** The buffer pool selection entered cannot be identified.

**Action** Enter a valid buffer pool name or enter an Adabas Review command.

**REV00085** **Command not allowed in history mode**

**Explanation** The command entered is not allowed in history mode.

**Action** Do not enter command.

**REV00086** **No ADAB control block found**

**Explanation** The Adabas Communication Statistics function was invoked, but there has not been any database access since Com-plete was started. Therefore, there is no database information to display.

**Action** Try again later.

**REV00087** **{nn} Reports removed from AUTOSTART status**

**Explanation** This confirms that the indicated report definitions have been changed from AUTOSTART to NON-AUTOSTART status.

**Action** This message is for information only.

**REV00091** **Invalid command code**

**Explanation** An invalid code was entered for a command.

**Action** Enter a valid command code.

**REV00092** **Report has been started**

**Explanation** This confirms that the request to start a report was successful.

**Action** This message is for information only.

**REV00093** **Syntax error(s) in report definition**

**Explanation** The request to start an online report has failed because of syntax errors in the report definition.

**Action** Correct the report definition and start the report again.

**REV00094** **Adabas response code {rsp}**

**Explanation** Adabas has responded with a non-zero response code.

**Action** Use the *Adabas Messages and Codes* documentation to determine the problem.

**REV00095** **Report was not started**

**Explanation** The request to start a report was not successful.

**Action** This message is for information only.

**REV00096** **User profile is being held by another user**

**Explanation** An attempt was made to access a user profile that is being updated by another user.

**Action** Edit the user profile again. Ensure that the changes made to profile do not affect the changes that you are making.

**REV00097** **User profile not specified**

**Explanation** The purge user (PU) command was given without specifying a user profile.

**Action** When using the purge user (PU) command, specify the user profile you wish to purge. The format for the command is `PU uuuuuu` where *uuuuuu* is the user profile.

**REV00098** **User profile was not purged**

**Explanation** A request was made to purge a user profile. When Adabas Review asked for a confirmation, the user decided not to purge the user profile.

**Action** This message is for information only.

**REV00099** **User profile was not found**

**Explanation** An attempt was made to delete a user profile that was not found in the Adabas Review repository.

**Action** Check to make sure the user ID you specified is correct.

**REV00100** **User profile has been purged**

**Explanation** This confirms that a request to purge a user profile was successful.

**Action** This message is for information only.

**REV00101** **New user profile**

**Explanation** The profile that you are editing is new.

**Action** You may now customize the new user profile. To save this new profile, press PF5or issue the SAVE command.

**REV00102** **User profile was not saved**

**Explanation** A request was made to save the changes made to a user profile. When Adabas Review asked for a confirmation, the user decided not to save the changes.

**Action** This message is for information only.

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|---|---|
| **REV00104** | **Return code {ret-code} received from {program-name}** |
| **Explanation** | An unexpected return code was received from one of Adabas Review's programs. |
| **Action** | Record the error message and contact your technical support representative. |

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|---|---|
| **REV00105** | **User profile has been saved** |
| **Explanation** | The changes made to the user profile have been saved. |
| **Action** | This message is for information only. |

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|---|---|
| **REV00106** | **No Review control block found** |
| **Explanation** | (CICS Only) This message appears when *REVTAB* has not been defined as a resident program. |
| **Action** | Contact your technical support representative. |

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|---|---|
| **REV00108** | **Default user profile has been added** |
| **Explanation** | This message appears the first time Adabas Review is invoked after installation. A DEFAULT user profile is added to the Adabas Review repository, which allows all users to perform all functions of Adabas Review including the ability to maintain user profiles. |
| **Action** | A logical procedure at this point would be to invoke the user profile system and add yourself as able to maintain user profiles. Then update the DEFAULT profile so that general users cannot maintain user profiles. |

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|---|---|
| **REV00111** | **No storage available to start report** |
| **Explanation** | A request to start a report has failed due to insufficient storage. This is probably because of other reports that are using most or all of the storage allocated to Adabas Review. |
| **Action** | Purge one of the already existing reports or try again later. |

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|---|---|
| **REV00116** | **Statistics profile was not saved** |
| **Explanation** | The statistics profile was not saved. |
| **Action** | This message is for information only. |

**REV00120** **Users attached for test simulation**

**Explanation** This confirms that users have been attached to simulate a load on Com-plete.

**Action** This message is for information only.

**REV00121** **Error {error-number} attaching users**

**Explanation** An error has occurred while trying to attach users for load simulation.

**Action** If the problem reoccurs, contact your technical support representative.

**REV00123** **Statistics profile has been saved**

**Explanation** The statistics profile has been saved.

**Action** This message is for information only.

**REV00124** **TID number must be numeric**

**Explanation** A TID number was entered into the SA screen via the T= or TID= command but is was not numeric.

**Action** Enter a numeric TID number.

**REV00125** **Report definition has been saved successfully**

**Explanation** This confirms that the request to save a report definition was successful.

**Action** This message is for information only.

**REV00129** **Report definition not found**

**Explanation** An attempt was made to retrieve a report definition but no report definition by that name was found.

**Action** Determine the correct name or create a new definition.

**REV00132** **Interval may not be greater than 1440 minutes**

**Explanation** The interval may not be greater than 1440 minutes.

**Action** This message is for information only.

**REV00133** **Review is terminating**

**Explanation** A request was made to start, view, or list a report, but Adabas Review is in the process of terminating.

**Action** This message is for information only.

**REV00134** **Duplicate report name - report not started**

**Explanation** An attempt to start an Adabas report has failed because a report with the same name is already active.

**Action** Purge the currently active report and retry or start a report with a different name.

**REV00135** **Review command not provided**

**Explanation** An attempt was made to communicate with the Adabas Review exit but no Adabas Review command was provided.

**Action** Provide an Adabas Review command.

**REV00137** **Insufficient storage to issue Review command**

**Explanation** The Adabas Review exit routine is not accepting communications due to insufficient storage.

**Action** Purge at least one of the started reports.

**REV00138** **Insufficient storage to start report**

**Explanation** An attempt to start an Adabas Review report has failed due to insufficient storage.

**Action** Purge an active report and retry.

**REV00139** **Invalid SUMMARY, MAX or MIN field**

**Explanation** An attempt to start an Adabas Review report has failed because fields were marked as Sum, Min, Max, or Avg, but these fields are only allowed to be Order fields.

**Action** Make the fields Order fields only.

**REV00140** **An invalid value was specified in the RULE**

**Explanation** An attempt to start an Adabas Review report has failed because values specified in the Rule where either too long, or in case of numbers with a decimal point, the formatting is not correct.

**Action** Specify a correct value in the RULE.

**REV00141** **Format buffer error**

**Explanation** A format buffer error has occurred while trying to communicate with the Adabas Review exit routine.

**Action** Contact your technical support representative.

**REV00144** **Display program not found**

**Explanation** An attempt to view an active report has failed because the display program for this report cannot be found.

**Action** Generate a display program by resaving the report definition, if it is available, or change the display program name on the LS screen to a program name that is known to be acceptable for this report.

**REV00145** **Natural error: {error-number}**

**Explanation** A Natural error condition occurred. The Natural error message number is displayed.

**Action** Reference the Natural online message utility for an explanation of the error.

**REV00146** **Report definition was not saved**

**Explanation** The request to save a report definition was canceled by the user in response to an overlay warning.

**Action** This message is for information only.

**REV00147** **Too many fields - exceeds max linesize - save canceled**

**Explanation** The request to save a report definition was canceled because the resulting generated display program would have exceeded the maximum allowable line size.

**Action** Reduce the number of fields and try again.

**REV00148** **DBID has been changed**

**Explanation** This confirms that the request to change the target DBID was successful.

**Action** This message is for information only.

**REV00149** **There are no started reports**

**Explanation** A request to list started reports was made but there are no started reports to list.

**Action** This message is for information only.

**REV00150** **Detailed reports cannot be viewed online**

**Explanation** Only summary reports can be viewed online. Detailed reports are printed at Adabas termination time.

**Action** This message is for information only.

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|---|---|
| **REV00151** | **Insufficient storage to reactivate report** |
| **Explanation** | An attempt was made to reactivate a report that was deactivated by Adabas Review due to insufficient storage. The report cannot be reactivated. |
| **Action** | Use the refresh (RF) command to purge the existing data and start accumulating new information. |

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|---|---|
| **REV00152** | **Report has been refreshed** |
| **Explanation** | This confirms that a refresh (RF) command was successful. |
| **Action** | This message is for information only. |

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|---|---|
| **REV00153** | **There are no history reports** |
| **Explanation** | A request to List History Reports was canceled because there are no history reports to list. |
| **Action** | This message is for information only. |

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|---|---|
| **REV00155** | **Invalid DBID, must not be 0** |
| **Explanation** | An attempt was made to change the DBID number to 0. |
| **Action** | Enter a DBID number greater than 0. |

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|---|---|
| **REV00156** | **Invalid AND/OR field** |
| **Explanation** | A value other than AND or OR was entered into the AND/OR field of the selection criteria on the Processing Rules screen. |
| **Action** | Enter AND or OR. |

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|---|---|
| **REV00157** | **No field specified** |
| **Explanation** | No field name was specified for the entered criteria on the Edit Report screen. |
| **Action** | Enter a field name. |

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|---|---|
| **REV00158** | **AND/OR field not followed by another condition** |
| **Explanation** | AND or OR was entered into the AND/OR field of the Processing Rules screen but no condition followed. |
| **Action** | Either remove the AND/OR or enter another condition. |

**REV00159** **AND/OR field missing**

**Explanation** More than one condition was coded on the Processing Rules screen, but no AND/OR was coded for the previous condition.

**Action** Enter AND/OR on the previous condition

**REV00160** **OPERATOR field missing**

**Explanation** The OPERATOR field has been left blank on a condition.

**Action** Fill in the OPERATOR field.

**REV00161** **VALUE field missing**

**Explanation** The VALUE field has been left blank on a condition.

**Action** Fill in the VALUE field.

**REV00162** **Invalid OPERATOR field**

**Explanation** An invalid operator was entered into the OPERATOR field of the Processing Rules screen.

**Action** Enter a valid operator.

**REV00163** **Invalid field name**

**Explanation** An invalid field name was entered on the Edit Report screen.

**Action** Press PF11 for a list of valid field names.

**REV00169** **ORDER number too high**

**Explanation** A number greater than 20 was entered into the ORDER field of the Edit Report screen. 20 is the highest number that can be entered.

**Action** Enter a number between 1 and 20.

**REV00170** **{field-name} is not a valid field for SUM, AVG, PCT or ROUND**

**Explanation** A field was marked for SUM, AVG, PCT, or ROUND on the Edit Report screen, but the field marked is not a numeric field. Fields must have a numeric output to be eligible for SUM, AVG, PCT, or ROUND.

**Action** Place a number in the ORDER column, and remove any marks for SUM, AVG, PCT, or ROUND.

**REV00171** **SAVE/START canceled by operator**

**Explanation** The request to save a report definition was canceled by the user in response to an overlay warning.

**Action** This message is for information only.

**REV00175** **Invalid value**

**Explanation** An invalid value was entered as part of a logical condition on the Edit Report screen.

**Action** Enter a valid value.

**REV00176** **Internal storage error**

**Explanation** An internal storage management error has occurred within the Adabas Review nucleus.

**Action** If the problem recurs, contact your technical support representative.

**REV00177** **ROUND is only valid on fields with an ORDER number**

**Explanation** A rounding factor was specified for a field that does not also have an order number specified.

**Action** Enter a number in the ORDER field, or remove the rounding factor.

**REV00179** **You must enter ORDER, SUM, MIN, MAX, PCT or AVG**

**Explanation** A field was entered on the Edit Report screen but no action was specified; i.e. ORDER, SUM, MIN, MAX, PCT, or AVG.

**Action** Enter a number in the ORDER field and/or an X in one or more of the SUM, MIN, MAX, PCT, or AVG fields

**REV00180** **Invalid data in ROUND column**

**Explanation** The data entered into the round column of the Edit Report screen was not numeric.

**Action** Enter a number with or without a decimal into the round field.

**REV00181** **ADACALL must be an integer between 0 and 32,767**

**Explanation** `ADACALL` specifies the maximum number of Adabas calls an application can make before the Com-plete / Adabas interface forces the application to be rolled out. This parameter is ignored if `ADAROLL=NO` is specified.

**Action** Enter a number between 0 and 32,767.

**REV00182** **ADALIMIT must be an integer between 0 and 32,767**

**Explanation** ADALIMIT specifies the number of Adabas calls that many be made by an online transaction without any intervening terminal I/O. Programs that exceed this limit are canceled.

**Action** Enter a number between 0 and 32,767.

**REV00183** **ADAROLL must be 'ALWAYS', 'NEVER', or less than 30.99**

**Explanation** ADAROLL specifies the amount of time Com-plete will wait for Adabas calls before rolling out the program making the call.

**Action** Enter ALWAYS, NEVER, or a number less than 30.99.

**REV00184** **ADACALL for DBID {dbid} has been changed to {yyyyy} by {user-id}**

**Explanation** The ADACALL parameter for the specified database was changed to *yyyyy* through the facilities provided by the Adabas Communication Statistics function (Adabas Calls from Com-plete) in Adabas Review DC.

**Action** This message is for information only.

**REV00185** **ADALIMIT for DBID {dbid} has been changed to {yyyyy} by {user-id}**

**Explanation** The ADALIMIT parameter for the specified database was changed to *yyyyy* through the facilities provided by the Adabas Communication Statistics function (Adabas Calls from Com-plete) in Adabas Review DC.

**Action** This message is for information only.

**REV00187** **Only 'Y' and 'N' are valid values**

**Explanation** The letter "Y" (yes) and the letter "N" (no) are the only two valid values for this field.

**Action** Enter "Y" if you wish the APPLYMOD to be active; or enter "N" if you wish to deactivate the applymod.

**REV00188** **The ADABAS/COM-PLETE parameters have been updated**

**Explanation** This message confirms that the Adabas / Com-plete parameters have been successfully updated.

**Action** This message is for information only.

**REV00190** **Invalid cursor placement for requested function**

**Explanation** The cursor must be placed on a line that contains valid data.

**Action** Place cursor on a line with valid data.

**REV00193** **Too many {xxx} fields**

**Explanation** *xxx* is ORDER, SUM, MIN, MAX, AVG, or ROUND. There were too many of the indicated fields to process. When all field names are combined, they will not fit into an 80-byte statement. The 80-byte statements are used internally by Adabas Review for report definition storage.

**Action** Reduce the number of fields by one until the message disappears.

**REV00195** **Invalid page number entered**

**Explanation** A number was entered on the Adabas Review command line that was greater than the actual number of pages available.

**Action** Enter a valid page number.

**REV00196** **Roll buffer not allocated**

**Explanation** The roll buffer is not allocated.

**Action** This message is for information only.

**REV00197** **Roll data sets not allocated**

**Explanation** The roll data sets are not allocated.

**Action** This message is for information only.

**REV00198** **User not logged on**

**Explanation** The user is not logged on.

**Action** This message is for information only.

**REV00199** **Invalid wrap option**

**Explanation** An invalid wrap option was specified in the report definition. The option must be NONE, STD, or HIGH.

**Action** This message is for information only.

**REV00200** **Low water mark must be less than high water mark**

**Explanation** The low water mark specified was higher than or equal to the high water mark.

**Action** Enter a number less than the high water mark.

**REV00202** **Review is not installed in database {dbid}**

**Explanation** An attempt was made to either start a report or to list started reports against a database that either does not have Adabas Review installed as a user exit 4 or does not currently have LOGGING turned on.

**Action** Verify that Adabas Review is installed on the target DBID. If it is, ensure that ADARUN `LOGGING=YES` has been specified and that LOGGING has not been subsequently disabled from the operator console.

**REV00203** **Report hard copy has been queued**

**Explanation** This confirms that a request to send report output to a hardcopy device completed successfully, and that the report is either now printing or has been placed on the queue to be printed.

**Action** This message is for information only.

**REV00205** **Invalid display program name**

**Explanation** An attempt was made to change the display program name using the CP command of the List Reports screen, but the new name is blank or invalid.

**Action** Enter a valid program name.

**REV00206** **Display program name has been changed**

**Explanation** This confirms that the request to change the display program name using the CP command of the List Report Definitions screen was successful.

**Action** This message is for information only.

**REV00207** **Report definition was purged by another user**

**Explanation** The report definition selected is being purged by another user.

**Action** This message is for information only.

**REV00209** **Invalid character in report name**

**Explanation** An invalid character such as a quotation mark or a period was used as part of the report name.

**Action** Remove the invalid character from the report name.

**REV00210** **Invalid start/stop date**

**Explanation** A date range was entered for viewing a history report but the date(s) are not valid. This may mean that the starting date is greater than the ending date, or that invalid numeric data or an invalid date format has been entered.

**Action** Enter a valid date range in the form of *yyyy-mm-dd* or press ENTER to default to the maximum date range.

**REV00211** **History reports must be purged from the expanded list**

**Explanation** An attempt was made to purge a history report from the LH screen. This is not a valid LH function. The list must be expanded using the EX command before history reports can be purged.

**Action** Enter EX in the SEL column next to the report to be purged. An expanded list will appear from which the Purge History Report (PH) function can be executed.

**REV00212** **Enter date range**

**Explanation** This prompts you to enter a date range before viewing a history report. The maximum date range (all dates) is the default.

**Action** Enter a date range in the form of *yyyy-mm-dd*, or press ENTER to default to the maximum date range.

**REV00214** **Display program regeneration complete**

**Explanation** The request to regenerate display programs has completed successfully.

**Action** This message is for information only.

**REV00217** **Review system file not available**

**Explanation** Adabas Review attempted to read information from its system file but received an Adabas response code of 148 (ADARSP148).

**Action** Bring up the database that has the Adabas Review repository and make sure that the `LFILE` parameter has been specified correctly.

**REV00218** **Default system must be 'DB', 'DC', 'MM', or 'NM'**

**Explanation** An invalid value was entered for default system. The valid system codes are:

| | |
|---|---|
| DB | Database (Adabas Review) |
| DC | Data Communication |
| MM | Main Menu |
| NM | Natural Monitor |

**Action** Enter a valid system code.

**REV00219** **Input not numeric**

**Explanation** A value was entered into a field that is intended to accept numeric data only.

**Action** Enter a valid numeric value.

**REV00220** **Auto regenerate started**

**Explanation** The subtask to generate auto-report definitions was successfully started.

**Action** This message is for information only.

**REV00221** **Auto regenerate already active**

**Explanation** The subtask to generate auto-report definitions is still active from a previous execution.

**Action** Wait a few seconds and try the command again.

**REV00222** **Auto regenerate failed**

**Explanation** The subtask to regenerate auto-report definitions was not attached and did not run.

**Action** Check your Adabas STEPLIB and make certain that the module RAOSAUTO is present.

**REV00223** **UEX4 version error**

**Explanation** The Adabas UEX4 module RAOSEXIT is not the correct version.

**Action** Verify that Adabas Review has been correctly installed.

**REV00224** **MSG function not available from this screen**

**Explanation** The Adabas Review message help subsystem is not available from this screen.

**Action** Perform the MSG function from another screen.

**REV00225** **DBID must be between 1 and 65535**

**Explanation** The target database ID must be in the range between 1 and 65535.

**Action** Enter a database ID in the specified range.

**REV00226** **SVC is zero**

**Explanation** The SVC specified cannot be zero (0).

**Action** Enter a correct SVC number.

**REV00227** **Target type must be 'ADA', 'NET', 'NPR', or 'TPF'**

**Explanation** The target type must be one of the specified values.

**Action** Enter the correct target type.

**REV00228** **DBID for Adabas target type must be less than 255**

**Explanation** If the target type is *ADA,* then the target database ID must be in the range of 1 to 255.

**Action** Enter a database ID in the specified range.

**REV00229** **Field value must be 'Y' or 'N'**

**Explanation** An invalid value was entered for the field.

**Action** Enter a valid field value: either yes ("Y") or no ("N").

**REV00230** **No target definition found for target {target-id}**

**Explanation** The target definition did not exist for the requested target.

**Action** Define the target.

**REV00231** **Target definition for DBID {dbid} saved**

**Explanation** The target definition was successfully saved.

**Action** This message is for information only.

**REV00234** **Default definition cannot be purged**

**Explanation** The default definition for target 00000 cannot be purged.

**Action** This message is for information only.

**REV00235** **Target definition(s) purged successfully**

**Explanation** The target definitions marked for purge were successfully deleted.

**Action** This message is for information only.

**REV00236** **No target definition exists for DBID dbid and default is not present**

**Explanation** The target definition for the database specified did not exist, and there was also no default definition.

**Action** Add the target definition for the specified target.

**REV00237** **Generate started**

**Explanation** The subtask to generate report definitions was successfully started.

**Action** This message is for information only.

**REV00238** **Generate already active**

**Explanation** The subtask to generate report definitions is still active from a previous execution.

**Action** Wait a few seconds and try the command again.

**REV00239** **Generate failed**

**Explanation** The subtask to generate report definitions was not attached and did not run.

**Action** Check your Adabas STEPLIB and make certain that the module RAOSAUTO is present.

**REV00240** **Function canceled**

**Explanation** The requested function was terminated by user request and was not performed.

**Action** This message is for information only.

**REV00241** **Review file set successfully**

**Explanation** The Adabas Review data file's database ID and file number were set successfully.

**Action** This message is for information only.

**REV00242** **Unable to open command log file for output**

**Explanation** A report was started with the logging option set to "Y" (yes), but the file specified for output cannot be opened. The report is started without logging.

**Action** If this is an online report, make sure the DSN field of the Report Options screen is set to a valid command log output file. If this is a batch report, make sure the `DSN=` parameter of the LOG statement is set to a valid command log output file.

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| **REV00243** | **Adabas Online Services is not installed** |
| **Explanation** | The request to invoke Adabas Online System (AOS) from Adabas Review has failed because AOS is not installed in the current Natural system file. |
| **Action** | This message is for information only. |

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| **REV00244** | **Components not installed properly** |
| **Explanation** | The installation process did not complete successfully. |
| **Action** | Make sure that all INPL and IUPD media are properly installed. |

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| **REV00245** | **PF{nn} not defined** |
| **Explanation** | The PF key that was pressed is not defined to perform a function. |
| **Action** | Press a valid PF key. |

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|---|---|
| **REV00246** | **Press 'PF3' to exit or 'PF5' to save the profile** |
| **Explanation** | To exit without saving the changes made to a user profile, press PF3. To save the changes made to a user profile, press PF5. |
| **Action** | See explanation. |

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|---|---|
| **REV00247** | **Userid must be specified** |
| **Explanation** | A user ID must be specified. |
| **Action** | Enter a user ID. |

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|---|---|
| **REV00248** | **Natural error {error-number} has occurred on line {line-number} of program {program-name}** |
| **Explanation** | A Natural error has occurred in one of Adabas Review's programs. |
| **Action** | Record the information given in the message and contact your technical support representative. |

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|---|---|
| **REV00249** | **Command log data set already in use** |
| **Explanation** | A report was started with the logging option set to "Y" (yes), but the specified output data set is already in use by another report. The report is started without logging. |
| **Action** | Either use another data set, or purge the report that is using the command log data set. |

**REV00250** **Logging is not valid for summary reports**

**Explanation** LOGGING was specified on the Report Options screen for a summary report. Only detail reports can perform the LOGGING function.

**Action** Either set LOGGING to "N" or set SUM/DETAIL to "D".

**REV00252** **At least one field is required**

**Explanation** An attempt was made to save a report definition with no fields to be displayed. At least one field is required to save a report.

**Action** Correct the report definition and press PF5to save the report definition.

**REV00253** **There are no report definitions on file**

**Explanation** A request to list report definitions cannot be satisfied because there are no definitions to list.

**Action** This message is for information only.

**REV00254** **At least one order field is required**

**Explanation** An attempt to save a summary report failed because there are no ORDER fields. At least one ORDER field is required for summary reports.

**Action** Make at least one field an ORDER field and save the report.

**REV00255** **Report definition conversion complete**

**Explanation** The process of converting Adabas Review report definitions has completed.

**Action** This message is for information only.

**REV00256** **History file conversion complete**

**Explanation** The process of converting Adabas Review history reports completed.

**Action** This message is for information only.

**REV00257** **User profile conversion complete**

**Explanation** The process of converting Adabas Review user profiles has completed.

**Action** This message is for information only.

**REV00258** **Report definition conversion was canceled**

**Explanation** The process of converting Adabas Review report definitions was canceled at the request of the user. Any reply other than "yes" or "change" on the LFILE confirmation screen will cause this message.

**Action** This message is for information only.

**REV00259** **History file conversion was canceled**

**Explanation** The process of converting Adabas Review history reports was canceled at the request of the user. Any reply other than "yes" or "change" on the LFILE confirmation screen will cause this message.

**Action** This message is for information only.

**REV00260** **User profile conversion was canceled**

**Explanation** The process of converting Adabas Review user profiles was canceled at the request of the user. Any reply other than "yes" or "change" on the LFILE confirmation screen will cause this message.

**Action** This message is for information only.

**REV00261** **There are no report definitions to convert**

**Explanation** An attempt was made to convert report definitions, but there are none to convert. Adabas Review only converts report definitions that do not already exist in the target Adabas Review repository.

**Action** This message is for information only.

**REV00262** **There are no history reports to convert**

**Explanation** An attempt was made to convert Adabas Review history reports, but there are none to convert.

**Action** This message is for information only.

**REV00263** **There are no user profiles to convert**

**Explanation** An attempt was made to convert Adabas Review user profiles, but there are none to convert. Adabas Review only converts user profiles that do not already exist in the target Adabas Review repository.

**Action** This message is for information only.

**REV00264** **Error {error-number} while trying to convert report definitions**

**Explanation** Either an Adabas or a Natural error has occurred while trying to convert report definitions.

**Action** Follow the Adabas or Natural procedures for error correction.

**REV00265** **Error {error-number} while trying to convert history reports**

**Explanation** Either an Adabas or a Natural error has occurred while trying to convert history reports.

**Action** Follow the Adabas or Natural procedures for error correction.

**REV00266** **Error {error-number} while trying to convert user profiles**

**Explanation** Either an Adabas or a Natural error occurred while trying to convert user profiles.

**Action** Follow the Adabas or Natural procedures for error correction.

**REV00267** **Do not try to convert to and from the same file**

**Explanation** An attempt was made to run an Adabas Review conversion program with identical TO and FROM files.

**Action** Correct the LFILE for the TO or FROM file.

**REV00268** **Invalid file number**

**Explanation** The user attempted to change the database ID and file number of the Adabas Review repository. The file number specified was not an Adabas Review file.

**Action** Specify a correct Adabas Review DBID/file number.

**REV00269** **No active targets found on SVC {svc}**

**Explanation** No active database targets were found on the SVC number specified in the message.

**Action** Verify that the target definitions are defined to the correct SVC number.

**REV00270** **Database {dbid} is a Natural Process target**

**Explanation** The target selected is an Entire System Server (formerly Natural Process) target type.

**Action** This message is for information only.

**REV00271** **Database {dbid} is not active**

**Explanation** The database selected is not active.

**Action** This message is for information only.

**REV00272** **Database {dbid} is a non-Adabas target**

**Explanation** The database selected is a non-Adabas type target.

**Action** This message is for information only.

**REV00273** **Report is already suspended**

**Explanation** An attempt was made to suspend a report that was is already suspended.

**Action** This message is for information only.

**REV00274** **Invalid OP summary option**

**Explanation** An invalid option was entered on the Edit Report screen for the `OP` summary parameter.

**Action** Enter a valid option.

**REV00275** **New report definition**

**Explanation** A new report definition is being created.

**Action** Enter the parameters for the new report definition or exit.

**REV00276** **Report is already active**

**Explanation** An attempt was made to reactivate a report that was already active.

**Action** This message is for information only.

**REV00277** **History data has been purged**

**Explanation** Historical data was purged.

**Action** This message is for information only.

**REV00278** **History data was not purged**

**Explanation** Historical data was not purged.

**Action** This message is for information only.

**REV00279** **History data not found**

**Explanation** Historical data was not found.

**Action** This message is for information only.

**REV00280** **Available storage in thread insufficient**

**Explanation** The available storage in the thread is insufficient.

**Action** Contact your technical support representative.

**REV00281** **An invalid request or an invalid FQE was found**

**Explanation** An invalid request or an invalid free queue element (FQE) was found.

**Action** Contact your technical support representative.

**REV00282** **No response time report definition was specified**

**Explanation** No response time report definition was specified.

**Action** Contact your technical support representative.

**REV00283** **Report definition has been purged**

**Explanation** Report definition has been purged.

**Action** This message is for information only.

**REV00284** **Report definition was not purged**

**Explanation** Report definition was not purged.

**Action** This message is for information only.

**REV00285** **Invalid device type for download**

**Explanation** An attempt was made to download a report but the Natural session is not in PC mode.

**Action** If the device is a PC using Entire Connection, set your Natural session to PC mode by entering %+ on the command line, and reenter the DL command.

**REV00286** **Duplicate order numbers**

**Explanation** More than one field has the same order number on the Edit Report screen.

**Action** Make each order number unique.

**REV00288** **Report is not active**

**Explanation** An attempt was made to perform a function on a started report, but no started report with the specified report name was found.

**Action** This message is for information only.

**REV00289** **LOG command not allowed while viewing data**

**Explanation** An attempt was made to issue the LOG command while viewing a report.

**Action** Stop viewing the report and reissue the LOG command.

**REV00290** **Adabas Review logging status changed**

**Explanation** The Adabas Review dynamic logging options have been updated.

**Action** This message is for information only.

**REV00291** **Error returned during LOG request - {nnnn}**

**Explanation** The LOG command was issued and an error occurred during processing. nnnn = the response code associated with the error.

**Action** Follow the Adabas or Natural procedures for error correction.

**REV00292** **Review not installed on database**

**Explanation** While attempting to view the buffer pool display, Adabas determined that Adabas Review was not installed on that database and issued a response code.

**Action** This message is for information only.

**REV00293** **Function restarted due to Adabas rsp code 9**

**Explanation** An Adabas Review function was restarted from the beginning because an Adabas response code 9 (ADARSP009) was received.

**Action** This message is for information only.

**REV00294** **NM component not installed**

**Explanation** An attempt was made to enter Adabas Review NM, but the NM component was not on the installation media.

**Action** Determine whether the NM component was actually purchased. If it was purchased, then you may have inadvertently received the wrong Adabas Review installation media. Contact your representative.

**REV00295** **Select a history report**

**Explanation** An attempt was made to view a list of dates and times of history records for a response time report without specifying the name of the report.

**Action** Specify the response time name.

**REV00296** **TID must be between 1 and 65,535**

**Explanation** The terminal ID (TID) must be between 1 and 65,535.

**Action** Enter a valid TID number.

**REV00297** **Invalid TID specified**

**Explanation** An invalid terminal ID (TID) was specified.

**Action** Enter a valid TID number.

**REV00299** **Function has been discontinued**

**Explanation** The current version of Adabas Review no longer supports the requested function.

**Action** Refer to the *Adabas Review User* documentation for a list of available features and functions.

**REV00300** **Report not on file**

**Explanation** The requested report definition could not be found in the Adabas Review data file.

**Action** This message is for information only.

**REV00301** **No OP summary information available**

**Explanation** No OP summary information was available for the report specified.

**Action** This message is for information only.

**REV00306** **First field cannot be a buffer segment**

**Explanation** A DB report was defined with the first field as a buffer segment (FBSEG01, RBSEG01 ETC). The first field cannot be a buffer segment.

**Action** Make another field the first field.

**REV00307** **No resident PGMLIB defined**

**Explanation** A request was made to view a list of programs in the resident program library buffer, but none were defined to Com-plete.

**Action** This message is for information only.

**REV00308** **No resident programs defined**

**Explanation** A request was made to view a list of programs in the resident programs, but none where defined to Com-plete.

**Action** This message is for information only.

**REV00309** **Unable to locate Adabas IDTH**

**Explanation** Adabas Review was unable to locate the Adabas IDT header.

**Action** Contact your technical support representative.

**REV00311** **Database {dbid} has been ignored**

**Explanation** The specified database has been ignored because an entry for the DBID was found in the IGNORE table in program N-IGNORE. No STATUS information is returned for this database.

**Action** If STATUS information for the database should be returned, edit and STOW the program N-IGNORE.

**REV00312** **Insufficient storage to reset stopwatch**

**Explanation** An attempt to reset the stopwatch was unsuccessful due to insufficient storage.

**Action** Try again later.

**REV00313** **Only 'ON' and 'OFF' are valid values**

**Explanation** A value other than ON or OFF was entered.

**Action** Enter ON or OFF.

**REV00314** **Command log data set switched**

**Explanation** The command log data set was switched successfully.

**Action** This message is for information only.

**REV00315** **Command logging is not active for report**

**Explanation** Adabas Review command logging is not active for the specified report.

**Action** Choose a report that has command logging.

**REV00316** **Invalid subpool ID**

**Explanation** The subpool ID specified was invalid.

**Action** Select a valid subpool.

**REV00317** **There are no transaction summary records**

**Explanation** A Response Time Report was requested but no transaction summary records exist for the selected report.

**Action** This message is for information only.

**REV00318** **There are no OP summary records**

**Explanation** A Response Time Report was requested but no OP summary records exist for the selected report.

**Action** This message is for information only.

**REV00319** **Too many "AND" fields in selection criteria**

**Explanation** The AND fields in the selection criteria have resulted in a data string that is too long for Adabas Review to process.

**Action** Reduce the number of AND statements and resave the report.

**REV00320** **Too many "OR" fields in selection criteria**

**Explanation** The OR fields in the selection criteria have resulted in a data string that is too long for Adabas Review to process.

**Action** Reduce the number of OR statements and resave the report.

**REV00321** **Target SVC cannot be greater than 255**

**Explanation** A value larger than allowed was entered in the SVC field of the target definition. The maximum value for this field is 255.

**Action** Enter the correct SVC number.

**REV00322** **User has already been canceled**

**Explanation** The user specified in the cancel function has already been canceled.

**Action** This message is for information only.

**REV00323** **TID {terminal-id} canceled**

**Explanation** The specified terminal ID has been canceled.

**Action** This message is for information only.

**REV00325** **TERMINAL {terminal-name} canceled**

**Explanation** The specified terminal has been canceled.

**Action** This message is for information only.

**REV00326** **TID {terminal-id} not found**

**Explanation** The terminal ID specified in the cancel, pick, or force function could not be found.

**Action** This message is for information only.

**REV00327** **User {user-id} not found**

**Explanation** The user specified in the cancel, pick, or force function could not be found.

**Action** This message is for information only.

**REV00328** **Terminal {terminal-name} not found**

**Explanation** The terminal name specified in the cancel, pick, or force function could not be found.

**Action** This message is for information only.

**REV00329** **Invalid TID specified**

**Explanation** The terminal ID number specified in the cancel, pick, or force function was not a valid numeric value.

**Action** This message is for information only.

**REV00330** **Response time report - {report-name} STARTED**

**Explanation** The specified Adabas Review response time report was successfully autostarted.

**Action** This message is for information only.

**REV00331** **No autostarted reports found to start**

**Explanation** No Adabas Review Response Time reports were found to autostart.

**Action** This message is for information only.

**REV00332** **One report has been autostarted**

**Explanation** Adabas Review has started one autostarted response time report.

**Action** This message is for information only.

**REV00333** **{count} reports have been autostarted**

**Explanation** Adabas Review started the specified number of autostarted response time reports.

**Action** This message is for information only.

**REV00334** **History task recovery from Adabas time-out**

**Explanation** The Adabas Review history interval task successfully recovered from an Adabas timeout (response code 9, ADARSP009).

**Action** This message is for information only.

**REV00335** **RNMH history task initializing in Natural**

**Explanation** The Adabas Review history interval task successfully invoked Natural and is initializing.

**Action** This message is for information only.

**REV00336** **History task terminating. Unable to locate RNMTAB**

**Explanation** The Adabas Review history interval task terminated because it was unable to locate RNMTAB.

**Action** Check that RNMTAB has been defined to CICS as a resident PPT entry, and that RNMTAB is available to CICS.

**REV00337** **History task terminating. Unable to load {module-id}**

**Explanation** The Adabas Review history interval task terminated because it was unable to locate the RNMCICS.

**Action** Check that RNMCICS has been defined to CICS as a PPT entry and that RNMCICS is available to CICS.

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| **REV00338** | **History task terminating. Natural error {error-number} detected during initialization** |
| **Explanation** | The Adabas Review history interval task terminated because it encountered a Natural error during initialization. |
| **Action** | Investigate the Natural error indicated, correct the problem, and restart the history subsystem. |

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| **REV00339** | **History task terminating. NM data file has not been initialized** |
| **Explanation** | The Adabas Review history interval task terminated because it detected that the Adabas Review Natural Monitor data file was not initialized. |
| **Action** | Verify that the INSTALL program has been executed to initialize the Adabas Review Natural Monitor data file. |

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| **REV00340** | **History task terminating. Non-recoverable Natural error detected** |
| **Explanation** | The Adabas Review history interval task terminated because it encountered an error in Natural from which it could not recover. |
| **Action** | Investigate the Natural error indicated, correct the problem, and restart the history subsystem. |

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| **REV00341** | **History task terminating normally** |
| **Explanation** | The Adabas Review history interval task terminated normally. |
| **Action** | This message is for information only. |

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| **REV00342** | **History task terminating. Maximum reinitialization counter exceeded** |
| **Explanation** | The Adabas Review history interval task terminated because the counter for maximum reinitializations was exceeded. |
| **Action** | Check messages sent to Adabas Review prior to this message to determine why the history task has reinitialized so many times. |

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| **REV00343** | **History task terminating** |
| **Explanation** | The Adabas Review history interval task terminated. |
| **Action** | Check other Adabas Review messages issued prior to this message to determine if an error condition was encountered. |

**REV00344** **TID {terminal-id} canceled by {user-id} at terminal {terminal-name}**

**Explanation** The user with the specified terminal ID was canceled by another user at another terminal.

**Action** This message is for information only.

**REV00345** **User {user-id} canceled by {user-id} at terminal {terminal-name}**

**Explanation** The user with the specified user ID was canceled by another user at another terminal.

**Action** This message is for information only.

**REV00346** **Terminal {terminal-name} canceled by {user-id} at terminal {terminal-name}**

**Explanation** The terminal with the specified name was canceled by another user at another terminal.

**Action** This message is for information only.

**REV00347** **TID {terminal-id} forced**

**Explanation** The user with the specified terminal ID was forced.

**Action** This message is for information only.

**REV00348** **User {user-id} forced**

**Explanation** The user with the specified user ID was forced.

**Action** This message is for information only.

**REV00349** **Terminal {terminal-name} forced**

**Explanation** The terminal with the specified name was forced.

**Action** This message is for information only.

**REV00350** **TID {terminal-id} forced by {user-id} at terminal {terminal-name}**

**Explanation** The user with the specified terminal ID was forced by another user at another terminal.

**Action** This message is for information only.

**REV00351** **User {user-id} forced by {user-id} at terminal {terminal-name}**

**Explanation** The user with the specified user ID was forced by another user at another terminal.

**Action** This message is for information only.

**REV00352** **Terminal {terminal-name} forced by {user-id} at terminal {terminal-name}**

**Explanation** The terminal with the specified name was forced by another user at another terminal.

**Action** This message is for information only.

**REV00353** **User must be canceled before force**

**Explanation** A CANCEL command must be issued for a user before a FORCE command can be issued.

**Action** This message is for information only.

**REV00354** **Invalid autostart option**

**Explanation** An invalid response time report autostart option was specified. The value must be "Y" or "N".

**Action** Specify valid value.

**REV00355** **Invalid history refresh option**

**Explanation** An invalid response time report history refresh option was specified. The value must be "Y" or "N".

**Action** Specify a valid value.

**REV00356** **Value must be in range {range-start} through {range-end}**

**Explanation** The value specified is invalid for the field. Valid values are denoted by <range-start> through <range-end> in the message.

**Action** Specify a valid value in the range specified.

**REV00357** **History task terminating. Review NM incorrectly installed**

**Explanation** The Adabas Review history interval task terminated because it was unable to verify that the Adabas Review Natural Monitor code was correctly linked with the Natural nucleus.

**Action** Verify that the Adabas Review NM code is correctly linked with the Natural nucleus.

**REV00359** **Report definition has been copied**

**Explanation** The request to copy a report definition was successful.

**Action** This message is for information only.

**REV00360** **Review repository not available**

**Explanation** An Adabas response code 148 (ADARSP148) was received while trying to store information in an Adabas Review repository.

**Action** Insure that the database ID and file number are correct and that the database is available.

**REV00361** **Database {dbid} inactive or invalid. Type 'TECH' for reason**

**Explanation** The user attempted to perform an Adabas Review function against a database that was inactive, did not have Adabas Review installed, or was not running a compatible version of Adabas Review.

**Action** From the Database System menu, type TECH to determine why the current Adabas Review database is invalid and correct the error.

**REV00362** **Review is not installed in database {dbid}**

**Explanation** Using the DBID= command, the user attempted to change the Adabas Review database being accessed. The database selected did not have Adabas Review installed.

**Action** Verify that the database specified in the DBID= command is a valid Adabas Review database.

**REV00363** **Database {dbid} is not active**

**Explanation** Using the DBID= command, the user attempted to change the Adabas Review database being accessed. The database selected was not active (Adabas response code 148, ADARSP148).

**Action** Verify that the database specified in the DBID= command is a valid Adabas Review database and that it is active.

**REV00364** **Database {dbid} is below Review V3.4**

**Explanation** Using the DBID= command, the user attempted to change the Adabas Review database being accessed. The database selected has an invalid version of Adabas Review installed.

**Action** Verify that the database specified in the DBID= command is a valid Adabas Review database.

**REV00365** **Response code {rsp} received accessing DBID {dbid}**

**Explanation** Using the DBID= command, the user attempted to change the Adabas Review database being accessed. The user received the indicated response code.

**Action** Verify that the database specified in the DBID= command is a valid Adabas Review database.

**REV00366** **TECH command only available from the DB system main menu**

**Explanation** The user attempted to executed the TECH command from an Adabas Review panel other than the Database System menu. The Adabas Review TECH command is only executable from the Database System menu.

**Action** Execute the TECH command from the Database System menu.

**REV00367** **Display program does not match report**

**Explanation** A VIEW or VW command terminated because the display program invoked was generated for a different report.

**Action** Regenerate the display program for the report that failed using the RG function of the List Reports screen.

**REV00368** **Parentheses are required for a list or range**

**Explanation** A list or range of values was entered without parentheses into a processing rule.

**Action** Include the values within parentheses.

**REV00369** **Unpaired parentheses**

**Explanation** The number of opening and closing parentheses are unequal.

**Action** Include a closing parentheses for each opening parentheses.

**REV00370** **Invalid HELP command**

**Explanation** An invalid command was entered into the command line of a help screen.

**Action** Enter a valid command or press a valid PF key.

**REV00372** **Download is invalid from this screen**

**Explanation** DOWNLOAD (or DL) was entered from a screen where the DOWNLOAD command is invalid.

**Action** Enter DL into the SEL column of the List Started Reports screen.

**REV00373** **MAX K must be at least {n} K**

**Explanation** The MAX K value specified in the report options must be at least 4K.

**Action** Specify a value for MAX K that is at least the minimum.

**REV00374** **WRAPPING=Y only allowed on sequence reports**

**Explanation** The WRAPPING value can only be set to "Y" for a SUMMARY report with SEQUENCE as the first display field.

**Action** Only specify WRAPPING=Y for SUMMARY reports with SEQUENCE as the first field.

**REV00375** **Invalid page size - must be 1-255**

**Explanation** The page size entered on the Report Options screen is invalid. The value must be between 1 and 255.

**Action** Enter a valid page size.

**REV00385** **Value must be greater than 0.**

**Explanation** The value must be greater than 0.

**Action** This message is for information only.

**REV00386** **FNR must be between 1 and 254**

**Explanation** An attempt was made to change the FNR number to less than 1 or greater than 254.

**Action** Enter a FNR number in the range of 1 to 254.

**REV00388** **Invalid line size - must be 72-255**

**Explanation** The line size entered on the Report Options screen is invalid. The value must be between 72 and 255.

**Action** Enter a valid line size.

**REV00390** **List not sorted due to excessive report data**

**Explanation** The expanded list of history report occurrences could not be sorted because the resulting ISN list was too large. The list is displayed unsorted.

**Action** Increase the value in the LS ADARUN parameter.

**REV00391** **History report compression complete**

**Explanation** The request to compress a history report completed successfully.

**Action** This message is for information only.

**REV00392** **File is in use by another compression process**

**Explanation** An attempt was made to compress a history report but another report was being compressed at the time. This message can also occur if a CH function did not complete successfully.

**Action** If another report is being compressed, wait until it completes and try again. If a CH function failed, you must run the RESET function.

To run the RESET function:

1. Enter RESET HISTORY FILE on the command line of the DB System menu.
2. Follow the instructions on the screen.

**REV00393** **Compression will not be performed**

**Explanation** A reply of "N" was given in response to the confirmation prompt prior to compressing a history report.

**Action** This message is for information only.

**REV00394** **History file does not need resetting**

**Explanation** A request to reset the history file was made but the file does not need resetting.

**Action** This message is for information only.

**REV00395** **History file has been reset**

**Explanation** This message confirms that the history file has been reset with the RESET HISTORY command. Depending on the phase when the compression failed, the history file is either reset to the state before the compression, or the compression is finalized. This procedure also unlocks the lock that was placed on the file during a CH function.

**Action** If the compression procedure finalizes successfully, no action is required.

If the history file is reset to its state before the compression, you may rerun the CH function.

**REV00396** **Duplicate field in "AND" expression**

**Explanation** A logical "AND" expression contains a duplicate field name in a processing rule. When using "AND" to connect fields, each field name can be used only once per expression.

**Action** Remove the duplicate field name from the expression.

**REV00397** **Target DBID has been changed**

**Explanation** The target DBID has been successfully changed for the report definition.

**Action** This message is for information only.

**REV00398** **Bufferpool reports cannot be printed or downloaded**

**Explanation** The graphical bufferpool reports cannot be downloaded or printed: they may only be viewed.

**Action** Use the VW command to view the report.

**REV00400** **Non zero response from target ={ nnn}**

**Explanation** A non-zero response code was returned from the specified target.

**Action** Determine why the non-zero response code occurred.

**REV00401** **Report defaults were saved**

**Explanation** The report defaults were saved successfully.

**Action** No action is required for this informational message.

**REV00402** **No matching reports to generate**

**Explanation** GENAUTO was started in local mode, but there are no autostarted reports with DBID-TO-MONITOR set to the local DBID. No autostarted reports will be generated.

**Action** No action is required for this informational message.

**REV00403** **Update completed**

**Explanation** The report options were updated successfully.

**Action** No action is required for this informational message.

**REV00404** **No changes to update**

**Explanation** A request to update reports was unnecessary because no changes were made.

**Action** No action is required for this informational message.

**REV00405** **Cannot start a rpt that monitors a hub**

**Explanation** A request to start a report was unsuccessful because the DBID-TO-MONITOR was set to the Adabas Review hub ID. Adabas Review reports can only monitor Adabas targets.

**Action** Correct the report and retry.

**REV00406** **Only one buffer segment allowed per report**

**Explanation** More than one buffer segment was defined in a report. Only one buffer segment per report is allowed.

**Action** Correct the report and retry.

**REV00407** **There are no history records to convert**

**Explanation** An attempt was made to convert history records, but there are no history records to convert.

**Action** No action is required for this informational message.

**REV00408** **Only 1 order field allowed with sum exit**

**Explanation** A summary exit was specified, but more than one order field was chosen for the report. Summary exit reports are limited to one (1) order field.

**Action** Reduce the number of order fields to 1.

**REV00409** **Pulse report cannot be purged**

**Explanation** A request was made to purge the Pulse report. The Pulse report cannot be purged.

**Action** No action is required for this informational message.

**REV00410** **Report defaults not saved**

**Explanation** A user canceled a prompt to confirm the saving of report defaults.

**Action** No action is required for this informational message.

**REV00411** **{xxxxxxxx} cannot be edited**

**Explanation** The EP command was used to edit a display program, but the display program is for a fixed format report. Since these programs are specific, not dynamic, no source code is available to the user.

**Action** No action is required for this informational message.

**REV00412** **NUCID {nnnnn} is not available**

**Explanation** An attempt was made to change the nucleus ID with which Adabas Review communicates, but the requested nucleus ID was not available.

**Action** Enter the NUC LIST command to obtain a list of available nucleus IDs and try again.

**REV00413** **NUCID only valid for cluster databases**

**Explanation** A user executed the NUCID or NUC LIST command for a non-cluster database.

**Action** No action is required for this informational message.

**REV00414** **Duplicate field names not allowed**

**Explanation** Two or more fields with the same name were entered on the ER screen. This is not allowed.

**Action** Remove the duplicate fields.

**REV00415** **Detail printer not available**

**Explanation** A request to start a detail report failed because there was no detail printer available.

**Action** Delete another detail report first or provide more printers in the startup JCL. Then try again.

**REV00416** **Invalid data in rules value**

**Explanation** An invalid character was entered into a processing rules value.

**Action** Remove the invalid character from the rules value and try again.

**REV00417** **Pulse interval must not be greater than 1440**

**Explanation** The pulse interval was incorrectly specified for a Pulse report.

**Action** Specify a value between 1 and 1440 and try again.

**REV00418** **Display program is not delivered in source form**

**Explanation** An attempt to edit the display program BUFFPOOL, PU-00001 or CS-00001 failed because it is not delivered as source.

**Action** No action is required for this informational message.

**REV00419** **List size exceeded**

**Explanation** The maximum list size of 10 has been exceeded in a processing rule.

**Action** Limit the list size to 10 and try again.

**REV00420** **Unable to obtain SVC list**

**Explanation** An AA command was issued, but the list of SVCs cannot be accessed.

**Action** Make certain that ADATMZ exists and is accessible from the current Adabas Review hub or database. Then try again.

**REV00421** **There are no targets for this SVC**

**Explanation** After an AA command, an SVC was selected, but there are not targets available for that SVC.

**Action** No action is required for this informational message.

**REV00422** **Only order fields are allowed for detailed reports**

**Explanation** SUM, MIN, MAX, AVG, or ROUND were selected on the Edit Reports screen, but the report is a detailed report. ORDER is the only valid entry for a detailed report.

**Action** Remove the invalid entries and try again.

**REV00423** **Report type changed -- defaults were reset**

**Explanation** While editing a report, the detail/summary report type was changed. Each report type requires its own set of default report options. The default report options for the new report type have now been loaded.

**Action** No action is required for this informational message. Press PF2 to make any necessary changes to the report options.

**REV00424** **Unable to retrieve data from target {nnnnn}**

**Explanation** For reasons unknown to Adabas Review, the requested target was unable to supply AA information.

**Action** No action is required for this informational message.

**REV00425** **Parameter input is missing or invalid**

**Explanation** The expected parameter input was either missing or has invalid data.

**Action** Correct the input data and try again.

**REV00426** **Value for {keyword} is missing or invalid.**

**Explanation** The parameter input for a keyword was either missing or has invalid data.

**Action** Correct the keyword input and try again.

**REV00427** **{TARGET|DBID|FILE} is not available**

**Explanation** The parameter input for a SET command keyword refers to an unavailable destination.

**Action** Correct the keyword data or make sure the destination is available.

**REV00428** **{TARGET ID|DBID|FILE} has been set to {nnnnn}**

**Explanation** A SET command changed the target ID, database ID, or file successfully.

**Action** No action is required for this informational message.

**REV00429** **SET program has terminated with errors**

**Explanation** The SET program encountered errors. The error will have been more clearly identified in a previous message.

**Action** Correct the error and try again.

**REV00430** **More than 256 target definitions on file**

**Explanation** The maximum number of target definitions has been exceeded.

**Action** Limit the number of targets to 256.

**REV00431** **Cannot save report due to error**

**Explanation** An attempt to save a report was unsuccessful because there was an error in the report definition.

**Action** Correct the report definition and try again.

**REV00432** **There are no REVIEW hubs running on SVC {nnn}**

**Explanation** The AH (Available Review Hubs) command was entered but there are no hubs running in the current SVC to display.

**Action** No action is required for this informational message.

**REV00433** **ADATMZ cannot be loaded**

**Explanation** Upon initialization, SYSREVDB calls a program named ADATMZ. This program was not available.

**Action** Make certain ADATMZ is installed and available to SYSREVDB. If you are running Adabas Review in a CICS environment, verify that ACITMZ is installed. For more information, read the Adabas Review installation documentation.

If the problem persists, contact your technical support representative.

**REV00434** **ADATMZ: {message-text}**

**Explanation** Upon initialization, SYSREVDB calls a program named ADATMZ. One of the following messages (*message-text*) is included in the message and describes the error that has occurred with ADATMZ.

| Message Text | Explanation | Action |
|---|---|---|
| No Adabas SVCs found | An internal error has occurred. | Contact your technical support representative for assistance. |
| No active targets for an SVC | | |
| IDTHE appears to be invalid | | |
| Invalid or unknown function | | |
| Caller has answer area no answer count | | |
| GETMAIN for SVC table failed | | |
| GETMAIN for target table failed | | |
| Load of link routine failed | ADATMZ dynamically loads ADALNKR. If ADALNKR cannot be loaded, subsequent calls to ADATMZ can cause this problem. | Be sure that the ADATMZ and ADALNKR modules, which are available in the Adabas or WAL load libraries, are all available for the TP monitor. |
| Load of CCSTCK routine failed | ADATMZ dynamically loads CCSTCK. If CCSTCK cannot be loaded, subsequent calls to ADATMZ can cause this problem. | Be sure that the ADATMZ and CCSTCK modules, which are available in the Adabas or WAL load libraries, are all available for the TP monitor. |
| Initialization call to DEPRTR failed | An internal error has occurred. | Contact your technical support representative for assistance. |
| No SVC table address provided by caller | | |
| SVC table address inconsistent with PAL | | |
| No SVC count provided by caller | | |
| Invalid SVC number too low | The version of ADATMZ that was loaded is too low. | Install the current version of ADATMZ. Contact your Software GmbH technical support representative for assistance. |

| Message Text | Explanation | Action |
|---|---|---|
| Invalid SVC number too high | The version of ADATMZ that was loaded is too high. | Install the current version of ADATMZ. Contact your Software GmbH technical support representative for assistance. |
| No SVC *tbladdr* on get target call | An internal error has occurred. | Contact your technical support representative for assistance. |
| No target *tbladdr* on get target call | | |
| No target table length | | |

**REV00435** **Buffer Pool reports cannot have DBID=ALL**

**Explanation** A value of "ALL" was specified as the DBID to monitor while attempting to start a report. Buffer Pool reports must only collect data from a single database, specifying "ALL" for them is not allowed. The report will not be started.

**Action** Specify a numeric DBID for the Buffer Pool report.

**REV00436** **Invalid field for client report**

**Explanation** A reporting field was referenced in a client report that was not valid for client reports. Client reports have a restricted set of available fields. A complete list of these fields is provided in ????

**Action** Specify a valid field name.

**REV00437** **The maximum number of fields has been selected**

**Explanation** While selecting fields for a report using the online field selection screens, the maximum allowable number of fields you can select has been reached. All fields selected beyond the maximum are ignored.

**Action** Specify fewer fields, ensuring that only the most important fields are selected.

**REV00438** **Invalid field for a database report**

**Explanation** A client reporting field was referenced in a database report. This field is only permitted in a client report.

**Action** Specify a valid field name.

**REV00439** **Warning: A client report has been started.**
**If client monitoring is not turned on,**
**no client monitoring will be collected.**
**Press ENTER to exit**

**Explanation** This message appears in a pop-up box whenever a client report is started. It warns you that if client reporting has not been started, no client reporting data will be collected.

**Action** No action is required for this informational message. Press the ENTER key to remove the pop-up box containing the message.

**REV00440** **Redisplay buffer full - Redisplay unavailable**

**Explanation** The Redisplay function is unavailable because more than 5000 lines were displayed.

**Action** As a workaround, the report data can be printed using the HC command and other tools might be used to scroll through that output.

**REV00441** **Report name cannot be 'ALL'**

**Explanation** The name "ALL" was used as a report name in the report definition editor. The word "ALL" is reserved in Adabas Review and cannot be used as a report name.

**Action** Specify a different name.

**REV00442** **The display program has not been generated yet**

**Explanation** An attempt was made to edit the display program for a report but the display program has not yet been generated. This is most likely due to having copied a report where the display program name shows as "NEED RG" or "NEED RU".

**Action** Enter `RG` or `RU` on the command line to generate the display program.

**REV00443** **Userid is required**

**Explanation** User profiles require a unique user or group ID in the **User ID / Group ID** field. You cannot create a user profile without one.

**Action** Specify a valid user or group ID for the user profile. Valid user or group IDs are eight alphanumeric characters long and begin with either a letter or a national ($, @, or #) character.

**REV00444** **Group must be "Y" or "N"**

**Explanation** The setting for the **Group** access rule in the user profile definition is not "Y" (yes) or "N" (no). These are the only valid values for the field.

**Action** Specify either "Y" or "N" for the **Group** access rule.

**REV00445** **Description is required**

**Explanation** User profiles require a description in the **Description** field.

**Action** Specify up to 20 alphanumeric characters for the description.

**REV00446** **At least one report type must be "Y" for "EDIT REPORTS=Y"**

**Explanation** When the **Edit Reports?** access rule in a profile is set to "Y", at least one of the other edit report access rules must also be set to "Y". The other edit report access rules are **Edit Bufferpool Reports?**, **Edit Client Reports?**, **Edit Cluster Reports?**, **Edit Database Reports?**, and **Edit Pulse Reports?**.

**Action** Either set the **Edit Reports?** access rule to "N" or specify "Y" for one of the other edit report access rules.

**REV00447** **All report types must be "N" for "EDIT REPORTS=N"'**

**Explanation** When the **Edit Reports?** access rule in a profile is set to "N", none of the other edit report access rules may be set to "Y". The other edit report access rules are **Edit Bufferpool Reports?**, **Edit Client Reports?**, **Edit Cluster Reports?**, **Edit Database Reports?**, and **Edit Pulse Reports?**.

**Action** Either set the **Edit Reports?** access rule to "Y" or specify "N" for all of the other edit report access rules.

**REV00448** **Cannot save - This is the only Administrator profile**

**Explanation** An attempt has been made to alter and save the only administrator profile so that it is no longer an administrator profile. Adabas Review will not allow you to turn the default profile or any administrator profile into a non-administrator profile if another administrator profile is not available.

**Action** If you intend to change the only administrator profile to a non-administrator profile, first create another administrator profile. You can then alter and save the original administrator profile as you wish.

**REV00449** **Cannot purge - This is the only administrator profile**

**Explanation** An attempt has been made to delete the only administrator profile so that there is no longer an administrator profile. Adabas Review will not allow you to delete an administrator profile if another administrator profile is not available.

**Action** If you intend to delete this administrator profile, first create another administrator profile. You can then delete the original administrator profile.

**REV00450** **Monitor DBID {dbid} prohibited by profile**

**Explanation** An attempt has been made to create, start or alter a report for a DBID that is not included in the DBID list of your user profile.

**Action** Contact your system administrator to change your user profile or change the DBID you are trying to monitor in the report.

**REV00451** **User profiling is already installed**

**Explanation** An attempt was made to install the user profiling system when it is already installed.

**Action** No action is necessary for this informational message.

**REV00453** **You must enter at least one DBID**

**Explanation** When editing an Adabas Review user profile, the option **Monitor All Targets?** was set to "N", however, a DBID was not specified. At least one DBID must be specified if this option is set to "N".

**Action** Specify at least one DBID or set **Monitor All Targets?** to "Y".

**REV00454** **Profile reset to default values**

**Explanation** All values for the user profile you are viewing have been reset to the factory values.

**Action** No action is required for this informational message.

**REV00455** **Group must be 'Y' or 'N'**

**Explanation** An invalid or blank value was entered in the **Group Profile?** option of the user profile. This option must be set to either "Y" or "N".

**Action** Specify a valid value for the **Group Profile?** option.

**REV00456** **Info: Both "ALL TARGETS" and specific DBIDs are defined**

**Explanation** The user profile option **Monitor All Targets?** was set to **Y** but there are DBIDs listed. This is perfectly valid; in this case, the listed DBIDs have no effect on processing. However, if you later set the option to "N", the listed DBIDs will become the only valid DBIDs for the user.

**Action** No action is necessary for this informational message.

**REV00457** **Invalid user ID**

**Explanation** The user ID entered on the user profile screen is invalid. User IDs must begin with a letter followed by any combination of alphanumeric or national (@#$) characters.

**Action** Specify a valid user ID.

**REV00458** **Review Client engine status has been turned {ON |OFF}**

**Explanation** The Review Client status was toggled either on or off, as shown in the message.

**Action** No action is required for this informational message.

**REV00459** **Review exit 2 is not installed**

**Explanation** While using the CM function, a call to communicate with client monitoring has determined that REVEXIT2 is not properly installed.

**Action** Verify that the installation of REVEXIT2 has been performed correctly. For more information, refer to your Adabas Review (Phase 2) installation documentation.

**REV00460** **Review exit 2 is not active**

**Explanation** While using the CM function, a call to communicate with client monitoring has determined that REVEXIT2 is not active. It is possible to have REVEXIT2 linked into the link routine but not have it set to active in the LNKGBLS tables.

**Action** Verify that the installation of REVEXIT2 has been performed correctly. For more information, refer to your Adabas Review (Phase 2) installation documentation.

**REV00461** **Response {nnn} received from REVEXIT2**

**Explanation** While using the CM function, a non-zero response code was returned from REVEXIT2. This is rare.

**Action** Verify that the installation of REVEXIT2 has been performed correctly. For more information, refer to your Adabas Review (Phase 2) installation documentation. If you need additional assistance, contact your our support representative.

**REV00462** **Ending apostrophe missing**

**Explanation** While editing the report processing rules for a report, an argument was specified with unpaired apostrophes.

**Action** Correct the argument syntax and try again.

**REV00463** **Ending apostrophe incorrectly placed**

**Explanation** While editing the report processing rules for a report, an apostrophe was incorrectly used.

**Action** Correct the syntax and try again.

**REV00464** **The maximum number of fields has been selected**

**Explanation** The maximum field limit has been reached. You cannot select any more fields.

**Action** Evaluate the fields you have selected, removing ones you don't really need and adding ones you do, but be sure to stay within the maximum field limit.

**REV00465** **Unable to obtain SVC list**

**Explanation** While trying to use the AA function, the Adabas Review nucleus was unable to obtain the list of available SVCs on the current LPAR.

**Action** Verify your Adabas Review installation is correct. If the problem persists, contact your our support representative for assistance.

**REV00466** **Report option defaults converted successfully**

**Explanation** While editing a preexisting report after upgrading Adabas Review from version 4.4, the report defaults were converted to the current standard.

**Action** No action is required for this informational message.

**REV00467** **Invalid character in field name**

**Explanation** While editing a report, an invalid character was used in one of the field names.

**Action** Correct the field name syntax and try again.

**REV00468** **Cannot EC a non-client report**

**Explanation** An attempt was made to edit a non-client report using the EC command. The EC command only edits client reports.

**Action** Use the ER command to edit a non-client report.

**REV00469** **Command line entries are not valid here**

**Explanation** When entering Adabas Review for the first time after upgrading from a previous version, a user profile conversion takes place. The only actions allowed are on the screen. Command line entries are not allowed for this special one-time event.

**Action** Do not enter data on the command line while this conversion is taking place.

**REV00470** **NUCID only valid in local mode**

**Explanation** The NUCID command was used but SYSREVDB is currently communicating with an Adabas Review hub. The NUCID command is only valid when SYSREVDB is communicating with a local mode target.

**Action** Do no use the NUCID command in hub mode.

**REV00471** **No NUCID was selected**

**Explanation** PF5 was pressed on a NUCID list screen but no NUCID was selected.

**Action** Select a NUCID or use PF3 to exit the NUCID screen.

**REV00472** **NUCID has been changed**

**Explanation** Upon request, the NUCID was successfully changed.

**Action** No action is required for this informational message.

**REV00473** **CM function only available in hub mode**

**Explanation** An attempt to turn on the client report engine using the CM command was made in local mode. The CM command is available only in hub mode.

**Action** Operate Adabas Review in hub mode before attempting to start the client reporting engine.

**REV00474** **Parameter missing or invalid**

**Explanation** The required NAME parameter was omitted or invalid when using the batch Natural Review program COPYREP.

**Action** Add or correct the parameter and rerun the job.

**REV00475** **Parameter is missing or invalid**

**Explanation** The required NEWNAME parameter was omitted or invalid when using the batch Natural Review program COPYREP.

**Action** Add or correct the parameter and rerun the job.

**REV00476** **Invalid parameter specified**

**Explanation** When using a batch Natural Review program, an unknown or invalid parameter keyword was specified.

**Action** Correct the error and rerun the job.

**REV00477** **STACKPARM= is incorrectly specified**

**Explanation** The optional STACKPARM parameter was incorrectly specified when using the batch Natural Review program COPYREP.

**Action** Correct the error and rerun the job.

**REV00478** **NAME= and NEWNAME= parameters are required**

**Explanation** While using the batch Natural Review program COPYREP, both of the required parameters NAME= AND NEWNAME= were missing.

**Action** Supply the correct parameters and rerun the job.

**REV00479** **Undefined keyword in input**

**Explanation** When using the batch Natural Review program COPYREP, an unknown parameter keyword was specified. Valid keywords are NAME, NEWNAME, STACKPARM and GO=YES.

**Action** Supply only valid parameters and rerun the job.

**REV00480** **Words in report names must be separated by periods**

**Explanation** While using a batch Natural Review program that requires a report name as input, the report name did not have periods between each word. This is required to allow Natural to pass the parameters to the Adabas Review program correctly.

**Action** Always place periods between words in report names. Correct the specification and rerun the job.

**REV00481** **Report already exists**

**Explanation** The new report name specified in the batch Natural Review program COPYREP already exists. COPYREP will not overwrite an existing report; instead it terminates with response code 12.

**Action** Specify a unique name for the new report name or delete the report definition that already exists.

**REV00482** **Report definition has been purged**

**Explanation** This message confirms that the request to purge a report definition was successful.

**Action** No action is necessary for this informational message.

**REV00483** **GO= parameter is incorrectly specified**

**Explanation** The GO= parameter specified in the batch Natural Review program COPYREP is specified incorrectly. The only valid syntax for this parameter is GO=YES.

**Action** Correct the error and rerun the job.

**REV00484** **INVALID COST OPERATOR**

**Explanation** An invalid cost operator was entered on the Edit Report screen. Valid cost operators are:

- "+": Plus -- add the cost factor to the field value.
- "-": Minus -- subtract the cost factor from the field value.
- "*": Multiply -- multiply the field value by the cost factor.
- "@": Fixed -- apply a fixed cost to each command select by the report.

**Action** Enter a valid cost operator if you want to use the cost feature.

**REV00485** **COST FACTOR REQUIRED IF OPERATOR IS PROVIDED**

**Explanation** A cost operator was entered on the Edit Report screen but no cost factor was provided. Both an operator and a cost factor must be specified to use the cost feature.

**Action** Specify a cost factor for the field in addition to the operator or remove the cost operator from the field specification on the Edit Report screen.

**REV00486** **COST OPERATOR REQUIRED IF FACTOR IS PROVIDED**

**Explanation** A cost factor was entered on the Edit Report screen but no cost operator was provided. Both an operator and a cost factor must be specified to use the cost feature.

**Action** Specify a cost operator for the field in addition to the cost factor or remove the cost factor from the field specification on the Edit Report screen.

**REV00487** **COST FACTOR MUST BE A POSITIVE VALUE**

**Explanation** A cost factor was provided on the Edit Report screen but the value is zero or negative. The values must be a positive or negative integer. Negative values can only be specified if the cost operator is "*" or "@".

**Action** Specify a valid cost factor and try again.

**REV00488** **COST FACTOR IS NOT NUMERIC**

**Explanation** A cost factor was entered on the Edit Report screen that was not numeric. Only numeric values are valid.

**Action** Specify a numeric value for the cost factor.

**REV00489** **ERROR WHILE TRYING TO RECATALOG USER EXIT**

**Explanation** During the first invocation of Adabas Review after a new installation or upgrade, an error occurred compiling and cataloging a user exit. The reason for the error cannot be determined.

**Action** If the problem persists, examine and correct any user written exits. If no user exit has been written or modified, contact your technical support representative.

**REV00490** **COST FACTOR can only have 7 numeric digits**

**Explanation** A COST factor was entered on the Edit Report screen with eight numeric numbers and no decimal points. The maximum number of numeric digits is seven.

**Action** Enter a value with no more than seven numeric digits. You may place a decimal point anywhere in the field if desired.

**REV00491** **COST OPERATOR '@' CAN ONLY BE USED FOR THE 'COMMANDS' FIELD**

**Explanation** A COST factor was entered on the Edit Report screen for the field COMMANDS but the operator was not the " @ " operator. The only operator allowed for the field COMMANDS is " @ ", indicating a FIXED cost. No other reporting field may use the " @ " operator.

**Action** Either change the field name to something other than COMMANDS or change the Cost operator to " @ " and try again.

**REV00492** **COST IS ONLY VALID FOR SUM FIELDS**

**Explanation** A COST factor was entered into the ER screen for a field that is not a summary field. If the field does not have the SUM slot checked then COST is not possible.

**Action** Correct the ER screen and try again.

**REV00493** **THIS FIELD IS NOT ALLOWED FOR DETAIL REPORTS**

**Explanation** A field was entered on the ER screen for a detail report that can only be used in a summary report.

**Action** Remove the offending field.

**REV00494** **TARGET NAME MUST NOT BE BLANK**

**Explanation** The Target Name field must contain an alpha-numeric value. The field must not be all blanks.

**Action** Enter a valid Target Name.

**REV00495** **REVIEW COMMANDS MUST BE 'Y' OR 'N'**

**Explanation** The Review Commands fields must contain a "Y" or an "N". All other values, including blank are invalid.

**Action** Enter "Y" or "N".

**REV00496** **INVALID SYNTAX IN START PARAMETERS**

**Explanation** The Review command `START` or `ST` was entered into the command line to start an online report. The parameter data following the `START` command contained invalid syntax.

**Action** Correct the error and re-submit.

**REV00497** **DBID VALUE IS NOT VALID**

**Explanation** The Review command `START` or `ST` was entered along with a `DBID` parameter.

The `DBID` parameter data contains invalid syntax.

**Action** Correct the error and re-submit.

**REV00498** **DBID KEYWORD MUST BE FOLLOWED BY "="**

**Explanation** The Review command `START` or `ST` was entered along with a `DBID` keyword.

The `DBID` keyword must be followed by an equal sign (=). The equal sign was either missing or was an incorrect character.

**Action** Correct the error and re-submit.

**REV00499** **DBID KEYWORD MUST BE PRECEEDED BY ","**

**Explanation** The Review command `START` or `ST` was entered along with a `DBID` keyword.

The `DBID` keyword must be preceded by a comma. The comma was either missing or was an incorrect character.

**Action** Correct the error and re-submit.

**REV00500** **INVALID NUCID**

**Explanation** In LOCAL mode within a cluster environment, an attempt was made to alter the current nucleus ID, but the value entered was not valid. Valid values are 1 through 65535. Only numeric characters are allowed.

**Action** Re-enter the nucleus ID using a valid value.

**REV00501** **CHANGE DBID PARAMETER ERROR(S)**

**Explanation** During a `CHANGE DBID FROM` operation, one or more parameter values were incorrect.

**Action** Re-enter the `CHANGE DBID` command using valid values.

**REV00502** **INVALID INPUT PARAMETER(S)**

**Explanation** During a `CHANGE DBID FROM` operation, one or more parameter values were incorrect.

**Action** Re-enter the `CHANGE DBID` command using valid values.

**REV00503** **FROM DBID IS INVALID**

**Explanation** During a `CHANGE DBID FROM` operation, the `FROM DBID` value was not valid. Valid values are 1-65535, ALL or NONE.

**Action** Re-enter the `CHANGE DBID` command using valid values.

**REV00504** **INVALID DBID VALUE**

**Explanation** During a `CHANGE DBID FROM` operation, one or more of the DBID values were not valid. Valid values are 1-65535, ALL or NONE.

**Action** Re-enter the `CHANGE DBID` command using valid values.

**REV00505** **FROM AND TO DBID CANNOT BE THE SAME**

**Explanation** During a `CHANGE DBID FROM` operation, both DBID values were identical. The values must be different.

**Action** Re-enter the `CHANGE DBID` command using valid values.

**REV00506** **NO DBID(S) WERE CHANGED**

**Explanation** During a `CHANGE DBID FROM` operation, no DBIDs were found that match the `FROM` value.

**Action** No action is required for this informational message.

**REV00507** **1 DBID HAS BEEN UPDATED**

**Explanation** During a `CHANGE DBID FROM` operation, one DBID was found that matched the `FROM` value and was updated with the `TO` value.

**Action** No action is required for this informational message.

**REV00508** **{nnn} DBIDS HAVE BEEN UPDATED**

**Explanation** During a `CHANGE DBID FROM` operation, multiple DBIDs were found that matched the `FROM` value and were updated with the `TO` value.

*nnn* will show the number of reports updated.

**Action** No action is required for this informational message.

**REV00509** **Invalid parameter for "ZIIP" command**

**Explanation** During a `CHANGE DBID FROM` operation, multiple DBIDs were found that matched the `FROM` value and were updated with the `TO` value.

**Action** No action is required for this informational message.

**REV00510** **Review started with ZIIP=NO, zIIP disabled**

**Explanation** zIIP is installed, but Adabas Review was started with ZIIP=NO. The zIIP interface is disabled and cannot be turned on online, while Adabas Review is running.

**Action** Start Adabas Review with ZIIP=YES.

**REV00511** **zIIP not installed**

**Explanation** An attempt to read the zIIP status returned a blank return character, indicating that zIIP is not installed.

**Action** Install Adabas Review zIIP.

**REV00512** **Unkown data getting zIIP state: {X}**

**Explanation** An attempt to read the zIIP status returned an unkown return character for the zIIP state.

**Action** Contact our support.

**REV00513** **zIIP already switched on**

**Explanation** The command ZIIP=YES was issued, but zIIP is already active. zIIP state did not change.

**Action** No action is required for this informational message.

| | |
|---|---|
| **REV00514** | **zIIP switched on** |
| **Explanation** | The command ZIIP=YES was issued and zIIP was switched from inactive to active. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **REV00515** | **Rsp=402, zIIP not supported** |
| **Explanation** | An attempt was made to switch the zIIP state, but zIIP is not supported. |
| **Action** | Install Adabas Review zIIP. |

| | |
|---|---|
| **REV00516** | **Unkown response code setting zIIP state: {nnn}** |
| **Explanation** | An attempt was made to switch the zIIP state. But zIIP returned an uknown response code. |
| **Action** | Contact our support. |

| | |
|---|---|
| **REV00517** | **zIIP already switched off** |
| **Explanation** | The command ZIIP=NO was issued, but zIIP is already inactive. zIIP state did not change. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **REV00518** | **zIIP switched off** |
| **Explanation** | The command ZIIP=NO was issued and zIIP was switched from active to inactive. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **REV00519** | **Display of "ZIIP" statistics not allowed** |
| **Explanation** | The display of zIIP statistics is disabled in the SYSREVDB user profile settings. |
| **Action** | Enable zIIP statistics in the user profile. |

| | |
|---|---|
| **REV00520** | **Use of "ZIIP YES/NO" command not allowed** |
| **Explanation** | The use of the ZIIP YES/NO command is disabled in the SYSREVDB user profile settings. ZIIP YES/NO changes the zIIP state (active/inactive). |
| **Action** | Enable ZIIP YES/NO command in the user profile. |

**REV00521** **"ZIIP" command not allowed in User Profile System.**

**Explanation** An attempt was made to switch the zIIP state, but zIIP is not supported

**Action** Issue the command outside the User Profile System.

**REV00522** **zIIP on Target must be Y(es) or N(o).**

**Explanation** The input value for the field "zIIP on Target" must be Y(es) or N(o). No means no zIIP clause will be generated in the parameters for autostarting. This equals to ZIIP=NO. Yes means ZIIP=YES will be generated.

**Action** Enter correct value.

**REV00523** **Function "RG" not available for this report type.**

**Explanation** Display programs for Buffer Pool reports (BUFFPOOL) or for Pulse Reports (PU-00001) cannot be generated. They are delivered.

**Action** If missing, move a backup copy to SYSREVDB.

**REV00524** **No targets are available for this SVC.**

**Explanation** On the Active Adabas SVCs screen, an SVC was selected but the SVC has no target associated with it.

**Action** No action is required for this informational message.

**REV00525** **Report and saved definition do not match; REFRESH/REGEN necessary.**

**Explanation** Before a VW/VX command is executed, the running report and the saved definition will be checked. This is done by comparing the Account Record Length. For a running report this value is returned from the IN command. For the saved definition this value is calculated.

If the calculation is not possible, e.g. because a user-defined variable is missing, the check will be ignored and the VW/VX will be executed without check.

**Action** Refresh the running report and/or regenerate the report and the display program with its original definition.

**REV00526** **In local mode the DBID to monitor may be the local DBID only.**

**Explanation** Adabas Review running in local mode can collect data on its local DBID only. Thus the DBID-to-be-monitored and the local DBID must be the same. Use the HUB mode to monitor several different DBIDs.

**Action** Enter the local DBID or ALL as DBID-to-be-monitored and/or update the report definition.

| | |
|---|---|
| **REV00527** | **No NUCID found for TARGET {dbid}.** |
| **Explanation** | An attempt to read NUCID(s) from a local DBID did not return any NUCID. Most probably the DBID is not a cluster. Or the Adabas call to read the NUCIDs failed. |
| **Action** | Enter the correct local TARGET DBID or check the Adabas cluster environment. |

| | |
|---|---|
| **REV00528** | **TARGET not initialized, set to default value {dbid}.** |
| **Explanation** | The Adabas Review local or HUB TARGET *dbid* was not yet initialized, i.e. the value was 0. The TARGET has been set to the default value, derived from the REVIEW-DB *dbid* or the user profile. |
| **Action** | No action required if the TARGET is the desired one. Otherwise set the TARGET in advance with the batch Natural SET command. |

# 63 Adabas Review 20xxx Messages

**REV20001** **Error in parameters as follows**

**Explanation** An error was detected during the parameter processing phase of Adabas Review. All parameters are processed for further error diagnosis. However, no data is handled by the Adabas Review processor. This message is followed by one of the PRM*nnn* error messages shown below.

| Message ID | Message Text | Explanation |
|---|---|---|
| PRM001 | Invalid statement name format | The format of the statement name (the first item of the parameter statement) is not correct. |
| PRM002 | Statement name must be followed by a blank | The basic syntax of the parameter statement requires a blank. The parameter processor cannot correctly identify the statement. |
| PRM003 | Unidentified statement name | The parameter processor has located a statement name that is not valid. |
| PRM004 | Invalid separator | A character other than a comma or an equal sign was used as a delimiter. |
| PRM007 | Insufficient positional parameters defined | More positional parameters were entered than were allowed. |
| PRM008 | Null value invalid for required parameter | Values must be provided for all required parameters. |
| PRM009 | Unidentified keyword | An invalid keyword has been identified. |
| PRM010 | List-format value not allowed | Only a single value may be specified for the parameter. |
| PRM011 | Invalid hex digit | Hexadecimal digits must be 0-9 or A-F. |
| PRM012 | Length exceeded | The parameter supplied is longer than allowed. |

| Message ID | Message Text | Explanation |
|---|---|---|
| PRM013 | Unexpected end-of-file | The parameter statements terminated prematurely. The parameter processor was expecting more input. |
| PRM014 | Premature end of hex value | A trailing quote was not supplied to terminate a hexadecimal value. |
| PRM015 | Invalid continuation statement | A statement has not been continued properly. |
| PRM016 | Premature end of statement | The current statement ended abnormally; a comma, parenthesis, or quote may be missing. |
| PRM017 | Invalid character in numeric parameter value | Only the characters 0-9 are allowed in numeric fields. |
| PRM018 | Excessive numeric value length | The numeric value is too large for the parameter. |
| PRM019 | Invalid parameter value | The value specified is not allowed for this parameter. |
| PRM020 | Numeric value too large for processing | The numeric value is too large for the parameter to be processed. |
| PRM021 | Parameter value truncated | Some parameter values were lost due to truncation. |
| PRM022 | List size exceeded | Too many entries have been specified in a list of values. |
| PRM023 | Required parameter missing | A required parameter is missing; it must be provided before execution can proceed. |
| PRM024 | Parameter mutually exclusive to one of the other parameters | A specified parameter is mutually exclusive with one of the other specified parameters; only one of the mutually-exclusive parameters may be specified. |

**Action** Correct the error and resubmit the job.

**REV20002** **Invalid file-type**

**Explanation** An invalid INPUT statement file-type parameter has been detected. Processing is discontinued.

**Action** Correct the error and resubmit the job.

**REV20003** **Invalid file-type**

**Explanation** An invalid INPUT statement file-type parameter has been detected. Processing is discontinued.

**Action** Correct the error and resubmit the job.

**REV20004** **Prior REPORT statement missing**

**Explanation** A valid REPORT statement must precede all other parameter statements except the INPUT statement. Processing is discontinued.

**Action** Define a valid REPORT statement and resubmit the job.

**REV20005** **Invalid printer line size**

**Explanation** The printer line size must be at least 72 positions and cannot exceed 255 positions. Processing is continued with the default size of 133.

**Action** To avoid the usage of the default and this message, define a valid LINE SIZE statement and resubmit the job.

**REV20007** **Detail report exceeds line size**

**Explanation** The number of printable characters for the report exceeds the report line size.

**Action** Increase the report line size if possible, or reduce the report data to be displayed.

**REV20008** **INVALID FIELD NAME IN DISPLAY STATEMENT fieldname**

**Explanation** The field *fieldname* is not allowed in a DISPLAY statement.

**Action** The report will be started without this field. The field name is either spelled incorrectly, or the field is not allowed for this TYPE of CLASS of report.

**REV20010** **Invalid field name in SUM statement**

**Explanation** The field name specified is not a numeric field.

**Action** The invalid field name is ignored. Processing is continued for the valid field names specified as positional parameters in this statement.

**REV20011** **Invalid field name in MINIMUM statement**

**Explanation** The name must match one of the field names or alias names defined for the Adabas command log record.

**Action** The invalid field name is ignored. Processing is continued for the valid field names specified as positional parameters in this statement.

**REV20012** **Invalid field name in MAXIMUM statement**

**Explanation** The name must match one of the field names or alias names defined for the Adabas command log record.

**Action** The invalid field name is ignored. Processing is continued for the valid field names specified as positional parameters in this statement.

**REV20013** **Invalid field name in AVERAGE statement**

**Explanation** The name must match one of the field names or alias names defined for the Adabas command log record.

**Action** The invalid field name is ignored. Processing is continued for the valid field names specified as positional parameters in this statement.

**REV20014** **Invalid field name in PERCENT statement**

**Explanation** The name must match one of the field names or alias names defined for the Adabas command log record.

**Action** The invalid field name is ignored. Processing is continued for the valid field names specified as positional parameters in this statement.

**REV20015** **Invalid field name in COST statement**

**Explanation** The name must match one of the field names or alias names defined for the Adabas command log record.

**Action** The invalid field name is ignored. Processing is continued for the valid field names specified as positional parameters in this statement.

**REV20016** **Invalid field usage for MINIMUM statement**

**Explanation** The field name specified is not a numeric field.

**Action** The invalid field name is ignored. Processing is continued for the valid field names specified as positional parameters in this statement.

**REV20017** **Invalid field usage for MAXIMUM statement**

**Explanation** The field name specified is not a numeric field.

**Action** The invalid field name is ignored. Processing is continued for the valid field names specified as positional parameters in this statement.

**REV20018** **Invalid field usage for SUM statement**

**Explanation** The field name specified is not a numeric field.

**Action** The invalid field name is ignored. Processing is continued for the valid field names specified as positional parameters in this statement.

**REV20019** **Invalid field usage for AVERAGE statement**

**Explanation** The field name specified is not a numeric field.

**Action** The invalid field name is ignored. Processing is continued for the valid field names specified as positional parameters in this statement.

**REV20020** **Invalid field usage for COST statement**

**Explanation** The field name specified is not a numeric field.

**Action** The invalid field name is ignored. Processing is continued for the valid field names specified as positional parameters in this statement.

**REV20021** **Invalid field usage for PERCENT statement**

**Explanation** The field name specified is not a numeric field.

**Action** The invalid field name is ignored. Processing is continued for the valid field names specified as positional parameters in this statement.

**REV20022** **ACCOUNT statement invalid for a detail report**

**Explanation** The statement specified can only be used for summary reports.

**Action** The statement is ignored and processing continues. Specify this statement following a valid REPORT statement with `TYPE=SUMMARY`.

**REV20023** **SUM statement invalid for a detail report**

**Explanation** The statement specified can only be used for summary reports.

**Action** The statement is ignored and processing continues. Specify this statement following a valid REPORT statement with TYPE=SUMMARY.

**REV20024** **MINIMUM statement invalid for a detail report**

**Explanation** The statement specified can only be used for summary reports.

**Action** The statement is ignored and processing continues. Specify this statement following a valid REPORT statement with TYPE=SUMMARY.

**REV20025** **MAXIMUM statement invalid for a detail report**

**Explanation** The statement specified can only be used for summary reports. The statement is ignored and processing continues.

**Action** Specify this statement following a valid REPORT statement with TYPE=SUMMARY.

**REV20026** **AVERAGE statement invalid for a detail report**

**Explanation** The statement specified can only be used for summary reports. The statement is ignored and processing continues.

**Action** Specify this statement following a valid REPORT statement with TYPE=SUMMARY.

**REV20027** **PERCENT statement invalid for a detail report**

**Explanation** The statement specified can only be used for summary reports. The statement is ignored and processing continues.

**Action** Specify this statement following a valid REPORT statement with TYPE=SUMMARY.

**REV20028** **Applymod {nn} has been turned {ON | OFF} by {user-id}**

**Explanation** The applymod *nn* has been turned ON/OFF by the user *user-id*.

**Action** This message is for information only.

**REV20029** **Invalid COST value**

**Explanation** COST may be specified as field/operator/value, where valid operators are * (TIMES), + (PLUS), and - (MINUS). Fixed costs may be specified using the reserved word FIXED with an operator of @ (AT). Positive and negative values are allowed with or without a single imbedded decimal point.

**Action** A value of 0 is assumed. Correct the value and resubmit the job.

**REV20030** **Invalid COPY file-type**

**Explanation** An invalid COPY statement file-type parameter was detected.

**Action** The COPY statement is ignored and processing is continued. Correct the statement and resubmit the job if necessary.

**REV20031** **Termination task attached successfully**

**Explanation** Termination task attached successfully.

**Action** This message is for information only.

**REV20032** **Termination task not found in the program library**

**Explanation** Termination task not found in the program library.

**Action** Contact your technical support representative.

**REV20033** **I/O error occurred while loading termination task**

**Explanation** I/O error occurred while loading termination task.

**Action** Contact your technical support representative.

**REV20034** **Sever parameter error(s)**

**Explanation** A parameter error of some significance was reported. All parameters are processed for further error diagnosis. However, the run is discontinued before any input data is processed.

**Action** Correct the error and resubmit the job.

**REV20035** **Severe parameter error(s)**

**Explanation** A parameter error of some great significance has occurred. Parameter validation is terminated.

**Action** Correct the error and resubmit the job.

**REV20036** **Report discontinued due to LIMIT parameter**

**Explanation** The report has been discontinued due to the `LIMIT` parameter. The `LIMIT` parameter on the report statement has been exceeded.

**Action** This message is for information only.

**REV20037** **Summary report exceeds line size**

**Explanation** The number of printable characters for the report exceed the report line size.

**Action** Increase the report line size if possible or reduce the report data to be displayed.

**REV20038** **Termination task initiated**

**Explanation** Termination task initiated.

**Action** This message is for information only.

**REV20039** **Open operation failure on printer**

**Explanation** An error occurred attempting to open the above file. When this occurs, processing is discontinued.

**Action** Correct the error and resubmit the job.

**REV20040** **Open operation failure on copy**

**Explanation** An error occurred attempting to open the copy file. When this occurs, processing is discontinued.

**Action** Correct the error and resubmit the job.

**REV20041** **Open operation failure on log input**

**Explanation** An error occurred attempting to open the log input file. When this occurs, processing is discontinued.

**Action** Correct the error and resubmit the job.

**REV20042** **Output error on printer**

**Explanation** An error occurred attempting to output to the printer file. When this occurs, processing is discontinued.

**Action** Correct the error and resubmit the job.

**REV20043** **Output error on copy**

**Explanation** An error occurred attempting to output to the copy file. When this occurs, processing is discontinued.

**Action** Correct the error and resubmit the job.

**REV20044** **Close operation failure on {file-name}**

**Explanation** An error occurred while Adabas Review attempted to close the specified file.

**Action** This message is for information only.

**REV20045** **{YYYY-MM-DD hh:mm:ss} ADABAS RESPONSE CODE {rrr/sssss}**

**Explanation** A non-zero Adabas response code with subcode *sssss* has occurred during writing of the Adabas Review history file. In Review batch this was the result of the interaction with Adabas because of the COPY statement with FILETYPE=ADABAS.

**Action** In the case of response 148, the history records will be stored on RVUALT file if this is specified in the Hub JCL.

In the case of response 9, the Review Hub will do an OP command and re-execute the command.

In the case of any other response code, the data will not be written to the Review history file, but the processing of the report will continue. As long as the reason for the error is not repaired, the following write to the Review history file might end in the same error.

**REV20046** **Interval statistics task terminating**

**Explanation** Adabas Review detected that an EOJ command was issued to the Com-plete nucleus. Adabas Review terminates the interval task and starts the termination task.

**Action** This message is for information only.

**REV20047** **Interval statistics task started**

**Explanation** The Adabas Review Interval Statistics task has been started.

**Action** This message is for information only.

**REV20048** **No interval statistics record found**

**Explanation** Adabas Review unsuccessfully attempted to load the interval statistics record from its system file.

**Action** Contact your Adabas Review administrator.

**REV20049** **{xxxxxxxxxxxx} will be saved every {nnn} mins**

**Explanation** The Adabas Review interval statistics task will save the data from the function or subsystem *xxxxxxxxxxxx* every *nnn* minutes.

**Action** This message is for information only.

**REV20050** **{nnnnnnnn} Task attached successfully**

**Explanation** The Adabas Review task *nnnnnnnn* was attached successfully.

**Action** This message is for information only.

**REV20051** **No dummy TID available for use by {nnnnnnnn} task**

**Explanation** Adabas Review was unable to attach the *nnnnnnnn* task because no dummy TID was available for use by the attached program.

**Action** If this problem happens frequently, the system programmer responsible for Com-plete maintenance should be requested to increase the value of the NOTIBS keyword argument in the TIBTAB definition.

**REV20052** **{nnnnnnnn} Task not found in the program library**

**Explanation** Adabas Review was unable to attach the *nnnnnnnn* task because the program to be attached was not found in the Com-plete program library data set.

**Action** Request that the system programmer responsible for Com-plete catalog the program.

**REV20053** **CLASS=CLIENT only in hub mode allowed**

**Explanation** The CLASS parameter was invalidly set to "CLIENT" in Adabas Review local mode for automatically started reports. You can only set the CLASS parameter to "CLIENT" in hub mode.

Adabas Review processing continues, but the report is treated as a non-client report.

**Action** Remove the CLASS=CLIENT specification from the parameters in Adabas Review local mode.

**REV20054** **TARGET=0 not allowed**

**Explanation** This message is produced in the RVUPRT00 member as an error message when the target database ID is zero, blank, or unassigned in the REVUAUT1 file. Blank or unassigned targets default to a value of zero. Targets of zero are not allowed in autostarted reports.

**Action** Update the TARGET parameter setting with a valid database ID.

**REV20055** **Unknown return code from attach**

**Explanation** The Adabas Review master interval statistics task was unable to attach the interval task because it received an unknown return code.

**Action** Contact your technical support representative.

**REV20056** **{xxxxxxxxxxxxxxx} Task incorrectly linked**

**Explanation** The Adabas Review task has detected that

- the module U2DENQ was not linked in; or
- the incorrect version of U2DENQ was linked in.

**Action** Rerun the link job provided in the Adabas Review source library, ensuring that the JCL is correct.

**REV20061** **Master interval task already active**

**Explanation** An attempt was made to start the master interval statistics task but the task was already active.

**Action** Do not attempt to start the master interval task.

**REV20062** **Termination task terminated**

**Explanation** The termination task has ended.

**Action** This message is for information only.

**REV20063** **{error-type} Error {error-number} occurred on line {line-number} of program {program-name}**

**Explanation** An error has occurred while executing the specified program:

error-type = Command Processing
Logon Processing
Object Time
Non-correctable Syntax

**Action** Record message and contact your technical support representative.

**REV20070** **Attach failed for {name}**

**Explanation** Adabas Review attempted to attach an operating system subtask but received a nonzero return code from this action.

**Action** Examine the messages displayed by the operating system and correct the problem. The address space or region might not be large enough to attach the task, or the attached module *name* was not in the library concatenations so it could not be found to be loaded.

**REV20071** **Initialization failed for {name}**

**Explanation** Adabas Review attempted to initialize a subcomponent but received a nonzero return code from this action.

**Action** Examine the messages displayed in front of this message and correct the problem. The address space or region might not be large enough to obtain storage, or a requested module was not in the library concatenations so it could not be found to be loaded.

**REV20101** **History file population started**

**Explanation** The Adabas Review history file task has been started.

**Action** This message is for information only.

**REV20102** **History file population completed**

**Explanation** The Adabas Review history file task has completed execution.

**Action** This message is for information only.

**REV20103** **Adabas RSP = {rrr} SUB {sssss} received**

**Explanation** The Adabas Review history file task received a non-zero Adabas response code *rrr* with subcode *sssss*.

**Action** Evaluate the severity of the response code and perform the required steps to resolve the problem.

**REV20104** **History task posted for work**

**Explanation** The Adabas Review history file task has posted for work. This means that a detailed report with a COPY statement with FILETYPE=ADABAS is active and has selected data to write out to the Adabas Review history file.

**Action** This message is for information only.

**REV20105** **History task waiting for work**

**Explanation** The Adabas Review history file task is waiting for work.

**Action** This message is for information only.

**REV20106** **History task error during FREEMAIN**

**Explanation** The Adabas Review history file task received a nonzero return code attempting to free storage.

**Action** Contact your technical support representative.

**REV20107** **History task unable to open RVUALT**

**Explanation** An error has occurred while attempting to open the RVUALT file.

**Action** Verify that the JCL is correct and that the RVUALT file is available.

**REV20108** **{dbid} Review suspended, buffer unavailable**

**Explanation** REVIEW local mode is experiencing a temporary buffer shortage. CLOG records cannot be sent to the sub task REVIEWB. They are skipped until message REV20109 indicates that buffers are again available.

**Action** Try to find the reason of buffer shortage.

**REV20109** **{dbid} Review resumed, {nn} CLOG records skipped**

**Explanation** Buffers have become available after the shortage noted by message REV20108. The number of CLOG records skipped during the shortage is given in the message (*nn*).

**Action** Try to find the reason of buffer shortage.

**REV20110** **Corrupted length arrived from Natural. Length truncated to 65535**

**Explanation** A corrupted length value arrived in the format buffer of a search buffer from Natural. The corrupted length value is truncated to 65535.

**Action** Contact your technical support representative for assistance in resolving the problem.

**REV20111** **SVC number {nnn} is invalid**

**Explanation** An invalid SVC number was used (for example, in the history file definition). The Adabas call will not be executed.

**Action** Specify a valid SVC number for the Adabas call.

**REV20112** **RAOSSORT internal error**

**Explanation** An internal error occurred in the Adabas Review sort routine RAOSSORT. The sum of offset and length for sorted data is too big. The sort request is not performed.

**Action** Contact your technical support representative to obtain a fix for this error.

**REV20113** **Sort option SUMFIELD not permitted.**

**Explanation** The sort option, SUMFIELD, was specified for a report, but there are no summary fields in the report.

**Action** Remove the SUMFIELD sort option from the report or specify summary fields for the report. Then try again.

**REV20114** **Sort option SUMFIELD not permitted**
**Report name: {rptname}**

**Explanation** The sort option, SUMFIELD, was specified for a report, but there are no summary fields in the report.

**Action** Remove the SUMFIELD sort option from the report or specify summary fields for the report. Then try again.

**REV20115** **Field {fn} does not fit into report {rrrr}**

**Explanation** The field listed in the message (fn) is a valid field name, but it does not fit into the printed report or history file, because the record length is not big enough. As a result, the field is empty in the report or history file.

*rrrr* is the report name truncated to 29 characters.

**Action** Omit this field or increase the record size.

**REV20119** **Catastrophic error, no registers available, check dump.**

**Explanation** An abend occurred, the REVIEW Estae got control, but the data were corrupted so completely that the ESTAE cannot continue its work.

**Action** This message is for your information only. Check the dump to find the error. Contact your technical support representative.

**REV20120** **Review {v.r.s} running with Adabas {n.n}**

**Explanation** Adabas Review has been given control for the first time where *v.r.s* is the Adabas Review version and *n.n* is the Adabas version.

**Action** This message is for information only.

**REV20121** **Attach for Review subtask failed**

**Explanation** Adabas Review attempted to attach an operating system subtask but received a nonzero return code from this action.

**Action** Examine the messages displayed by the operating system and correct the problem. The possibility exists that the address space or region was not large enough to attach the task, or the attached module RAOSREVW was not in the library concatenations so it could not be found to be loaded.

**REV20122** **REV20122 - Adabas Review ESTAE exit driven.**
**REV20122 - ADABAS REVIEW now disabled.**
**REV20122 - ABEND 000xx000 PSW xxxxxxxx xxxxxxxx**
**REV20122 - R0 xxxxxxxx - R1 xxxxxxxx - R2 xxxxxxxx - R3 xxxxxxxx**
**REV20122 - R4 xxxxxxxx - R5 xxxxxxxx - R6 xxxxxxxx - R7 xxxxxxxx**
**REV20122 - R4 xxxxxxxx - R9 xxxxxxxx - R10 xxxxxxxx - R11 xxxxxxxx**
**REV20122 - R12 xxxxxxxx - R13 xxxxxxxx - R14 xxxxxxxx - R15 xxxxxxxx**
**REV20122 - Dump has been taken.**

**Explanation** The main task of Adabas Review had an abend. The REVIEW ESTAE got control and issued these messages and was forced to write a dump. The Adabas nucleus will continue working, but Review will be disabled.

**Action** This message is for your information only. Check the dump to find the error. Contact your technical support representative.

**REV20123** **ESTAE driven recursively.**

**Explanation** The REVIEW ESTAE is called a second time, although REVIEW should run disabled.

**Action** This message is for your information only. Check the dump to find the error. Contact your technical support representative.

**REV20124** **Allocation for Review buffer pool failed**

**Explanation** Adabas Review unsuccessfully acquired storage for the Adabas Review buffer. The size of the buffer is determined by the `BUFFMB` parameter on the Adabas Review INPUT statement.

**Action** Increase the size of the address space or region that Adabas Review is executing or decrease the size of the Adabas Review buffer.

**REV20125** **Review subtask successfully attached**

**Explanation** Adabas Review successfully attached an operating system subtask.

**Action** This message is for information only.

**REV20126** **Review subtask detached**

**Explanation** Adabas Review successfully detached an operating system subtask during its termination logic.

**Action** This message is for information only.

**REV20127** **REV20127 - ADABAS REVIEW forced abnormal termination.**
**REV20127 - R0 - nnnnnnnn R1 - nnnnnnnn R2 - nnnnnnnn R3 - nnnnnnnn**
**REV20127 - R4 - nnnnnnnn R5 - nnnnnnnn R6 - nnnnnnnn R7 - nnnnnnnn**
**REV20127 - R8 - nnnnnnnn R9 - nnnnnnnn RA - nnnnnnnn RB - nnnnnnnn**
**REV20127 - RC - nnnnnnnn RD - nnnnnnnn RE - nnnnnnnn RF - nnnnnnnn**

**Explanation** The Review subtask REVIEWB or the Review batch module REVIEWB found an internal serious error. REVIEWB is disabled.

**Action** This message is for your information only. Check the dump to find the error. Contact your technical support representative.

**REV20128** **Attach for history subtask failed**

**Explanation** Adabas Review attempted to attach an operating system subtask but received a nonzero return code from this action.

**Action** Examine the messages also displayed by the operating system and correct the problem. The possibility exists that the address space or region was not large enough to attach the task, or the attached module was not in the library concatenations so it could not be found to be loaded.

**REV20129** **History subtask detached**

**Explanation** Adabas Review successfully detached an operating system subtask during its termination logic.

**Action** This message is for information only.

**REV20130** **History subtask successfully attached**

**Explanation** Adabas Review successfully attached an operating system subtask.

**Action** This message is for information only.

**REV20141** **GETMAIN for spare area failed**

**Explanation** This message indicates a specific phase of Adabas Review execution.

**Action** This message is for information only.

**REV20142** **RCSBINIT - Review initialization started**

**Explanation** This message indicates a specific phase of Adabas Review execution.

**Action** This message is for information only.

**REV20143** **Storage available: {nnnn}**
**Storage allocated: {nnnn}**
**Storage free: {nnnn}**

**Explanation** Depending on the message text given, the following applies:

| Message | Explanation | Action |
|---|---|---|
| Storage available: *nnnn* | The value *nnnn* is 90% of the value displayed in the z/OS control block field LDAELIM.<br><br>This value is calculated by the trans-port routines.<br><br>If the value is zero, for instance in non-transport case, all REV20143 are not issued. | These values are generated by Review internal processes, and are informational only. |
| Storage allocated: *nnnn* | The value *nnnn* is the value found in the z/OS control block field LDAELOAL. | If the value is too big, try to find out, who allocated that storage. |
| Storage free: *nnnn* | The value *nnnn* is the difference of the above two values. This value shows the additional buffer space for trans-port. | If the value is too low, try to find out why it is too low. When this value approaches to zero, CLOG records sent to the REVIEW hub are skipped. |

**REV20144** **Trans-Port activity**
**Records received**
**Buffer full, skipped**

**Explanation** This message displays the number of received and skipped records via Trans-Port to the Adabas Review hub.

**Action** None required. This message is for information only.

**REV20145** **Free main error, length is zero**

**Explanation** An internal error occurred freeing storage; a length of zero is requested.

**Action** Contact your technical support representative for assistance.

**REV20146** **RCSBSUM - summary processing**

**Explanation** This message indicates a specific phase of Adabas Review execution.

**Action** This message is for information only.

**REV20147** **RCSBFINI - called for termination**

**Explanation** This message indicates a specific phase of Adabas Review execution.

**Action** This message is for information only.

**REV20148** **RCSBREIN - reinitialization**

**Explanation** This message indicates a specific phase of Adabas Review execution.

**Action** This message is for information only.

**REV20149** **Review is operative**

**Explanation** This message indicates a specific phase of Adabas Review execution.

**Action** This message is for information only.

**REV20150** **File RVUALT can not be opened**

**Explanation** This is an internal error that rarely occurs.

**Action** Contact your technical support representative.

**REV20151** **Now switching logs from {clog-dataset1} to {clog-dataset2}**

**Explanation** A LOG switch is in progress. The FROM data set can now be copied. The TO data set will receive command log output.

**Action** This message is for information only.

**REV20152** **Now it's too late to copy {output-data set}**

**Explanation** The specified output data set is open for output. The data in this data set can no longer be copied.

**Action** No action is required for this informational message. It can be switched on or off by applying the optional zap RY4*rs*003, where *r* is the release number and *s* is the system maintenance level of your Adabas Review installation.

**REV20153** **AUTO subtask detached**

**Explanation** The RAOSAUTO subtask has been detached successfully.

**Action** This message is for information only.

**REV20154** **Auto regenerate started**

**Explanation** The RAOSAUTO automatic regeneration subtask started successfully.

**Action** This message is for information only.

**REV20155** **Auto regenerate completed**

**Explanation** The RAOSAUTO automatic regeneration subtask has completed successfully.

**Action** This message is for information only.

**REV20156** **Response code {rsp} for {cmd} command to DBID= {dbid} ,FNR= {fnr}**

**Explanation** The RAOSAUTO automatic regeneration subtask issued an Adabas call and received the response indicated in the message.

**Action** Verify that the LFILE/NTFILE statement for Adabas Review points to the correct DBID and FNR for the Adabas Review data file.

**REV20157** **GETMAIN failed**

**Explanation** A request for a GETMAIN failed in RAOSSYDR. The Adabas task (in hub mode) or the Adabas Review task (in local mode) will be shut down immediately.

**Action** Increase the region size for the Adabas task.

**REV20158** **Doing open call because of Resp 9**

**Explanation** The Adabas Review history task had to perform an OP (open) call during history data population because an Adabas response code 9 (ADARSP009) was encountered.

**Action** This message is for information only.

**REV20159** **Freemain failed**

**Explanation** A request for a FREEMAIN to RAOSSYDR failed.

**Action** Contact your technical support representative.

**REV20160** **History file population failed**

**Explanation** An error was encountered during Adabas Review history file population and the history subtask was unable to continue.

**Action** Check additional warning messages issued by subtask.

**REV20161** **{nnnnn} ET commands were issued**

**Explanation** The number of ET commands issued by the Adabas Review history task was *nnnnn*. The ET commands were issued to synchronize history file population.

**Action** This message is for information only.

**REV20162** **Load failed for {name}**

**Explanation** A request for a LOAD failed. The requested module *name* was not found in the STEPLIB.

**Action** Check the STEPLIB to be sure that the module is present.

**REV20163** **Immediate recovery for RVUALT required**

**Explanation** The Adabas Review history task encountered an error during history file population and could not continue processing.

**Action** Copy the RVUALT data file to another sequential data file and reinitialize Adabas Review.

**REV20164** **Open failed for {xxxxxxxx}**

**Explanation** A request for an OPEN for DD or file name *xxxxxxxx* to RAOSSYDR failed.

**Action** Check that the required DD card or FILEDEF is present in the task job stream.

**REV20165** **The value of field {fieldname} is {value}**
**It is too big, {trunc-value} stored instead.**

**Explanation** When storing data into the history file it was detected that the value (*value*) of the field listed in the message (*fieldname*) is bigger than the maximum field length allowed in the history file. Storing such a data can result in later Adabas response code 55 (ADARSP055). The value is therefore truncated (*trunc-value*) and stored instead.

**Action** Contact your our support representative about this message to avoid this in the future.

**REV20166** **Record to {xxxxxxxx} skipped, because > 32K**

**Explanation** While writing a CLOG record, Adabas Review determined that the record was larger than 32767 bytes. Records larger than 32767 bytes are not written to the data set. The DD name of the data set is given in the message (*xxxxxxxx*). This message is issued only one time.

**Action** Contact your technical support representative.

**REV20167** **Big amount of storage requested.**

**Explanation** More than 2 GB of storage was erroneously requested.

**Action** Determine why such a large amount of storage was erroneously requested. If the problem persists, contact your technical support representative for assistance.

**REV20180** **Requested buffer too big.**

**Explanation** An amount of requested storage is too large.

**Action** Determine why such a large amount of storage was erroneously requested and who requested it. If the problem persists, contact your technical support representative for assistance.

**REV20184** **Command log records selected: {nnnnnnnnnnn}**

**Explanation** This message is issued at shut down of REVIEW. It displays the number of command log records arriving the sub task REVIEWB.

**Action** No action is required for this informational message.

**REV20185** **Unable to load user exit {module-name} - RC {xx} ({xx})**

**Explanation** The Adabas Review command log processor was unable to load the specified user exit module to copy Adabas Review command logs.

**Action** Ensure that the module exists in one of the libraries accessible by Adabas Review.

**REV20186** **ADAIOR {function} request failed**

**Explanation** Internal error occurred.

**Action** Contact your technical support representative.

**REV20187** **Function {function} no longer supported by interface**

**Explanation** Internal error occurred.

**Action** Contact your technical support representative.

**REV20189** **{nnnnnnnnnn} Command log record(s) skipped.**

**Explanation** The number of records which were not sent to subtask REVIEWB because they were sent from the history feature is given in the message (*nnnnnnnnnn*).

**Action** If this database contains a history file, no action is required for this informational message.

If this database does not contain a history file, determine why history records are being sent to this database.

**REV20190** **User parm error - {text}**

**Explanation** A syntax error was recognized when file RVUFLD was read (custom reporting fields). Possible texts include the following:

```
CANNOT LOCATE USERFLD
        INVALID NAME PARAMETER
        INVALID INTYPE PARAMETER
        INVALID OUTTYPE PARAMETER
        INVALID HEADER PARAMETER
        INVALID ADANAME PARAMETER
        INVALID CALC PARAMETER
        PREVIOUS PARM LEN TOO LONG
        PREVIOUS PARM NOT NUMERIC
        DELIMITER <=> NOT FOUND
        KEYWORD MISSING OR NOT RECOGNIZED
```

**Action** Correct the syntax error and restart Adabas Review.

**REV20191** **Adabas {vrs} not supported**

**Explanation** In local mode when Adabas Review is called by Adabas, the Adabas Review nucleus verifies that the Adabas version is for a compatible version. If it is incompatible, this message appears. This message identifies the incompatible version of Adabas (*vrs*). The connection between the two products will not work, and Adabas Review will not collect any data.

**Action** Call compatible versions of Adabas Review from the Adabas nucleus. For information about version compatibility, read *Adabas and Adabas Review Version Compatibility*, in the *Adabas Review Release Notes*.

**REV20192** **Only CLOGLAYOUT=8 supported**

**Explanation** Adabas Review received erroneous CLOG records with CLOGLAYOUT not set to "8". Only CLOGLAYOUT=8 is supported.

**Action** In this version of Adabas, only CLOGLAYOUT 8 should be produced. Check the version of Adabas that is being used.

**REV20199** **Old CLEX from prior ADA V {vr} arrived and will be converted**

**Explanation** Adabas Review received a call from an Adabas version *v.r* (or earlier) database. The internal structure of the CLEX is converted to the new format of the CLEX.

**Action** No action is required for this informational message.

**REV20229** **Corrupted record skipped**

**Explanation** When analyzing command log records with batch program REVIEWB, corrupted command log records may occur. Instead of abending the batch job, the record is skipped and the message REV20229 is issued. The number of these messages is limited to 20 messages.

**Action** Find out why there are corrupted command log records. This may involve editing the CLOG and manually looking for inconsistencies. For REVIEW this message is for information only.

**REV20230** **Number of corrupted record skipped: {nnnnnn}**

**Explanation** This message is issued after the sequence of skipped records with message REV20229 is finished.

**Action** This message is for information only. See also action for REV20229.

**REV20231** **Report interval reached {report-name }**

**Explanation** The report named in the message (*report-name*) was suspended because the time interval specified in the Review Option screen or in the RVUAUT1/2 data set was reached.

**Action** No action is required for this informational message. It can be switched on or off by applying the optional zap RY*vrs*003, where *vr* is the version and release number and *s* is the system maintenance level of Adabas Review you have installed.

**REV20232** **Report {report-name }{status-message}**

**Explanation** One of the following status messages applied to the specified report:

```
DEACTIVATED DUE TO MAXSTORE LIMIT EXCEEDED
```

The specified active report stopped collecting data because all storage space allocated by the `MAXSTORE` parameter has been used.

```
DEACTIVATED DUE TO STORAGE ALLOCATION FAILURE
      ↩
```

The specified active report stopped collecting data because no more storage is available in the address space.

```
ENCOUNTERED STORAGE ALLOCATION FAILURE,
 REINITIALIZATION SCHEDULED
```

The specified active report stopped collecting data because no more storage is available in the address space. All reports will be reinitialized.

```
DEACTIVATED DUE TO HASH TABLE MANAGER
INITIALIZATION ERROR
```

The specified active report could not collect data because of an error in the hash table manager.

```
DEACTIVATED DUE TO HASH TABLE MANAGER FIND ERROR
```

The specified active report could not collect data because of an error in the hash table manager.

```
DEACTIVATED DUE TO TERMINATION PROCESSING
STORAGE ALLOCATION FAILURE
```

The specified active report could not perform termination processing because no more storage is available in the address space.

```
HISTORICAL DATA COLLECTION DEACTIVATED DUE TO
STORAGE ALLOCATION FAILURE
```

The specified report could not perform historical data collection because no more storage is available in the address space.

**Action**

Investigate the cause of the specific error. In the event of a failure in the hash table manager, contact your technical support representative.

**REV20233** **Parameter error(s) encountered processing RVUEXI parameter file**

**Explanation** Parameter error(s) were encountered when Adabas Review was processing the RVUEXI parameter file specified in the Adabas startup procedure.

**Action** Refer to the RVUEXP output file to determine the parameters that were in error and correct the specified parameters.

**REV20234** **Report suspended {reportname}**

**Explanation** The report named in the message (*reportname*) was suspended for one of the following reasons:

- The CL, PS, SU, or RF command was issued from within SYSREVDB.
- The time specified in the INTERVAL option for the report was exceeded.

**Action** No action is required for this informational message. It can be switched on or off by applying the optional zap RY*vrs*003, where *vr* is the version and release number, and *s* is the system maintenance level of Adabas Review you have installed.

**REV20235** **Report restarted {reportname}**

**Explanation** The report named in the message (*reportname*) was restarted automatically after a suspension because the report RESTART option is set to "Y".

If a report is suspended with the SU command within SYSREVDB, it is restarted no matter how the RESTART option is set.

**Action** No action is required for this informational message. It can be switched on or off by applying the optional zap RY*vrs*003, where *vr* is the version and release number, and *s* is the system maintenance level of Adabas Review you have installed.

**REV20236** **Report {reportname} started by {userid}**

**Explanation** The report named in the message (*reportname*) was started as an autostarted report during Adabas Review startup, manually, or after the RF command was issued within SYSREVDB. The user ID (Natural *INIT-USER value, if this is zero the value UNKNOWN will be displayed) shown in the message is either “AUTOSTRT” if the report is autostarted or the name of the user who started or refreshed the report.

**Action** No action is required for this informational message. It can be switched on or off by applying the optional zap RY*vrs*003, where *vr* is the version and release number, and *s* is the system maintenance level of Adabas Review you have installed.

**REV20237** **Report resuspended {reportname}**

**Explanation** The report named in the message (*reportname*) was suspended for one of the following reasons:

- The CL, PS, SU, or RF command was issued from within SYSREVDB;
- The time specified in the INTERVAL option for the report or the MAXK limit was exceeded; or
- There are internal storage limitations or errors.

**Action** No action is required for this informational message. It can be switched on or off by applying the optional zap RY*vrs*003, where *vr* is the version and release number, and *s* is the system maintenance level of Adabas Review you have installed.

**REV20238** **Report MAXK suspended {reportname}**

**Explanation** The report named in the message (*reportname*) was suspended because the storage maximum specified in the MAXK report option was exceeded.

If the report RESTART option is set to "N", message REV20232 is also printed.

**Action** No action is required for this informational message. It can be switched on or off by applying the optional zap RY*vrs*003, where *vr* is the version and release number, and *s* is the system maintenance level of Adabas Review you have installed.

**REV20239** **Field {fldname} is not a client report field**

**Explanation** The field name given in the message (*fldname*) was requested for a client report, but is not valid for client reports.

Adabas Review processing continues normally, but the values for the field are empty.

**Action** Remove the field from the client report.

**REV20241** **A buffer will not fit into LORECR**

**Explanation** During conversion of log records to the Adabas Review internal command log record (LORECR) format, a buffer would not fit into LORECR due to LORECR size limitations. The information of this buffer is cut and you may not be able to find the desired buffer information in the report output.

**Action** If the data in the affected buffer is not used in a report definition, this error can be ignored as it causes no consequences. However, if this error causes data to be missing, contact your technical support representative for assistance.

**REV20253** **This version of ADATMZ does not support all features**
**ADATMZ version is {v.r.s}**

**Explanation** The module ADATMZ was loaded from either the WAL or the ADA library. The ADATMZ version loaded does not support all of the features needed for the current Adabas Review version. The current version of ADATMZ is given in the message (*v.r.s*).

**Action** Check the Adabas Review version to find out more about the new features and, if necessary, specify a newer WAL or ADA library to obtain the newer version of the ADATMZ module.

**REV20255** **{parameter} set too low or missing**

**Explanation** The parameter of the INPUT statement named in the message (*parameter*) is set too low or is not coded. A possible parameter that may appear in this message is the BUFFMB parameter. The following table describes this parameter further:

| Parameter | Description | Minimum Value |
|---|---|---|
| BUFFMB | The size of the Adabas Review buffer pool in MB. The default value is 10. | 1 |

Adabas Review runs with the minimum value setting of this parameter. If this setting is too small for a hub environment running Trans-port, command log records might be lost.

For more information about the INPUT statement, read *INPUT Statement*, in the *Adabas Review User Guide*.

**Action** Increase the value setting of the buffer parameter, as described above.

**REV20257** **Rpt '{rptname}' was stopped by {userid}**

**Explanation** The report named in the message (*rptname*) was stopped using the PS command on the Started Reports screen by the user with the user ID (Natural *INIT-USER value, if this is zero the value UNKNOWN will be displayed) listed in the message (*userid*).

**Action** No action is required for this informational message.

**REV20258** **For {dsname} no valid data set found.**

**Explanation** For the logging file with dataset name *dsname* there is no internal AMT found. Either the *dsname* is incorrect or this dataset is not defined for the Adabas Review system.

**Action** Check either the Adabas nucleus JCL (in local mode) or the Adabas Review HUB JCL (in Hub mode) against the report definitions and correct one of them.

**REV20259** **REVIEW field {fieldname} cannot be stored into history file.**

**Explanation** While building the record buffer for writing the report data to the history file, Adabas Review detected an invalid length definition for the field *fieldname* in its internal tables.

**Action** Contact your technical support representative.

**REV20260** **CLEX conversion caused buffer truncation**

**Explanation** While converting the CLEX from version 82 to 83 format, the command log record had to be cut to 32764 bytes. The message is issued only once upon the first occurrence of this event. It is for informational purpose only.

**Action** No action is required for this informational message.

**REV20261** **Rpt {rptname} put on {queue} for sec={nnnn}**

**Explanation** The report named in the message (*rptname*) was placed into the queue *queue* for *nnnn* seconds. The *queue* could be either ACTI or SCHD.

**Action** No action is required for this informational message. It can be switched on or off by applying the optional zap RY*vrs*003, where *vr* is the version and release number, and *s* is the system maintenance level of Adabas Review you have installed.

**REV20262** **Rpt {rptname} {variable message text}.**

**Explanation** The auto started scheduled report named in the message (*rptname*) has invalid schedule data as indicated in the *variable message text*. The auto started scheduled report is not scheduled.

The variable message text content can be one of the following:

- **schedule start not before schedule end**
  The point in time specified by SCHED-STRTDATE and SCHED-STRTTIME is not before the point in time specified by SCHED-ENDDATE and SCHED-ENDTIME.
- **schedule duration larger than interval**
  SCHED-DURATION and SCHED-INTERVAL have been specified and SCHED-DURATION is larger than SCHED-INTERVAL. If specified, SCHED-INTERVAL has to be larger than SCHED-DURATION.
- **invalid schedule start/end date/time**
  One of the parameters SCHED-STRTDATE, SCHED-STRTTIME, SCHED-ENDDATE, SCHED-ENDTIME contains an invalid date or time value.
- **schedule end in the past**
  The point in time specified by SCHED-ENDDATE and SCHED-ENDTIME is before the actual time.

**Action** Correct the scheduling data of your report definition accordingly.

**REV20263** **Set timer failed rpt {rptname} RC={nnn} secs={nnnnnnnnnnn}**

**Explanation** While processing the scheduled report *rptname* Adabas Review failed to set a timer for either the active or waiting processing phase of the report with the specified return code (RC=*nnn*) for the specified amount of seconds (secs=*nnnnnnnnnnn*).

**Action** Contact your technical support representative.

**REV20264** **Command queue activity:**
**Records received**
**Buffer full, skipped**
**CQEs allocated**
**CQEs in-use**
**CQEs used HWM**

**Explanation** The statistics of the command queue are reported at session termination.

- Number of records received
- Number of records skipped
- Number of command queue elements allocated
- Number of command queue elements in use
- Command queue elements high water mark

**Action** No action is required for this informational message.

**REV20265** **Service times:**
**Minimum**
**Maximum**
**Mean**
**Standard Deviation**
**Records**

**Explanation** The statistics of service times are reported at session termination.

- Minimum time
- Maximum time
- Arithmetical mean
- Standard deviation
- Number of records

**Action** No action is required for this informational message.

**REV20300** **zIIP-related statistics for {XXXX} enclave**

**Explanation** The message is the header of the following zIIP statistics for the REVIEW enclave. *XXXX* will be replaced by the actual enclave name. Possible enclave names are

- REVHUB
- REVHIST
- REVAUTO
- REVIEWB

**Action** No action is required for this informational message.

**REV20301** **ADAZIP function {XXXX} got rc {yy}.**

**Explanation** REVIEW encountered during a call to ADAZIP a none zero return code. *XXXX* will indicate the ADAZIP function invoked and *yy* will be the return code. The following function abbreviations are used.

- **Init**
  Initialize ADAZIP session.
- **Term**
  Terminate ADAZIP session
- **2SRB**
  Switch into SRB mode
- **2TCB**
  Switch into TCB mode
- **CSRB**
  Cancel SRB (unused)
- **Stat**
  get zIIP statistics from ADAZIP
- **QPrq**
  queue a parallel request

**Action** Contact your technical support representative.

**REV20302** **REVIEWB buffer processing stats**
**REVIEWB processing periods : {n}**
**maximum records in 1 period : {n}**
**buffer high water mark (MB) : {n}**

**Explanation** The message is the header of the following REVIEWB buffer processing statistics.

- **REVIEWB processing periods**
  specifies the number of processing periods executed during the life of the REVIEWB subtask.
- **maximum records in 1 period**
  specifies the maximum of records REVIEWB has processed during one processing period, i.e. between 2 wait situations.
- **buffer high water mark (MB) :***n*
  specifies the allocated space high water mark in the buffer pool defined by BUFFMB.

**Action** No action is required for this informational message.

**REV20303** **REVIEWB switch to supervisor state failed**
**REVIEWB continues without ADAZIP**

**Explanation** The message is issued if the switch to supervisor state failed. Supervisor state is necessary to operate in SRB mode. In order to do so REVIEW has to be loaded from an APF authorized library.

maximum 32K buffers queued

specifies the maximum of 32k buffers queued for the REVIEWB subtask at any time in the life of the subtask.

**Action** Start REVIEW from an APF-authorized load library.

**REV20304** **Log record from database {XXXXX-YYYYY} received, but database not in client database table found.**

**Explanation** The message is issued if a log record from a database is received which is not registered in REVIEW. The log record is ignored. REVIEW continues processing.

**Action** Contact your technical support representative.

**REV20309** **REVIEW starting with ZIIP={XXX}**

**Explanation** The message indicates with which ZIIP parameter value Adabas Review is starting.

*XXX* could be either YES or NO.

If you have specified ZIIP=YES in RVUAUT1/2 data set and ZIIP=NO is printed in the REV20309 message, you probably have a license key problem. Check the DDPRINT data set for license key messages. The AZPAD license is necessary to start with ZIIP=YES.

**Action** Supply the correct AZPAD license either as load module or in a DDLAZPAD DD statement.

**REV20310** **REVIEW started with ZIIP=NO**
**Switch to ZIIP=YES not allowed**

**Explanation** Adabas Review was started with ZIIP=NO and an operator command ZIIP=YES was issued.

This is not allowed.

**Action** Start Adabas Review with ZIIP=YES in the INPUT statement in order to switch zIIP mode during an Adabas Review session.

**REV20311** **REVIEW is already executing in SRB mode**

**Explanation** An operator command ZIIP=YES was issued while Adabas Review already executes in SRB mode. Nothing was changed.

**Action** No action is required for this informational message.

**REV20312** **REVIEW is already executing in TCB mode**

**Explanation** An operator command ZIIP=NO was issued while Adabas Review already executes in TCB mode. Nothing was changed.

**Action** No action is required for this informational message.

**REV20313** **REVIEW is now executing in SRB mode**

**Explanation** An operator command ZIIP=YES was issued while Adabas Review was executing in TCB mode. Adabas Review switches into SRB mode.

**Action** No action is required for this informational message.

**REV20314** **REVIEW is now executing in TCB mode**

**Explanation** An operator command ZIIP=NO was issued while Adabas Review was executing in SRB mode. Adabas Review switches into TCB mode.

**Action** No action is required for this informational message.

**REV20995** **Unable to obtain storage for the converter.**

**Explanation** Adabas Review may be able to convert CLEX data received in an older version and needs a working area for the conversion into the current format.

**Action** Examine the messages displayed by the operating system and correct the problem. The address space or region might not be large enough to obtain the storage.

**REV20996** **CLOG structure requested in MODE={mmm}.**

**Explanation** Adabas Review requests the CLOG data in a structure specified by the “INPUT” parameter statement phrase “MODE=”.

**Action** No action is required for this informational message.

**REV20997** **CLOG structure contains only data used in reports.**

**Explanation** Adabas Review requests the CLOG data in a structure specified by the “INPUT” parameter statement phrase “CLOGDATA=USED”.

**Action** No action is required for this informational message.

**REV20998** **Switching to module RAOSLOCL.**

**Explanation** In local mode, Adabas Review receives a call from an Adabas database which does not support the Review V53 local mode interface RAOSLOCX. Review is switching to the older local mode interface RAOSLOCL.

**Action** No action is required for this informational message.

**REV20999** **{dbid}local REVIEW interface is initializing:**
**{dbid} RAOSLOCX built V {vrs} YYYY-MM-DD HH:MM**

**Action** No action is required for this informational message.

# 64 REVH* - Adabas Review Hub Messages

**REVH03** **{hub-id} Database {dbid} [ - {nuc-id} ] has registered.**

**Explanation** When a database nucleus initializes, the nucleus sends a call to the hub specified on the ADARUN parameter `REVIEW` to determine whether an Adabas Review hub is active. When it receives the call, the Adabas Review hub displays this message identifying the DBID of the database nucleus. If the database nucleus is a member of an Adabas Parallel Services or Adabas Cluster Services cluster, then the corresponding nucleus ID is also displayed.

**Action** No action is required for this informational message.

**REVH04** **{hub-id} Client Monitoring {jobname} has registered.**

**Explanation** When client reporting initializes, the nucleus sends a call to the hub specified on the ADARUN parameter `REVIEW` to determine whether an Adabas Review hub is active. When it receives the call, the Adabas Review hub displays this message identifying the job name of the client nucleus.

**Action** No action is required for this informational message.

**REVH06** **{hub-id} Database {{dbid}|{nucid}} has checked out.**

**Explanation** When a database nucleus is closing, the nucleus calls the hub identified on the ADARUN `REVIEW` parameter. When it receives the call, the hub displays this message identifying the DBID of the database nucleus. If the database nucleus is a member of an Adabas Parallel Services or Adabas Cluster Services cluster, then the corresponding nucleus ID is also displayed.

**Action** No action is required for this informational message.

**REVH07** **{hub-id} Database {dbid} no longer registered.**

**Explanation** The specified database nucleus was deleted from the hub's registered client list.

**Action** None required. This is for your information only.

**REVH10** **{hub-id} Database {dbid} was sent a message.**

**Explanation** When there is a change in the monitoring or reporting status of a database nucleus by Adabas Review, the hub sends a notification to the client nucleus. This message is displayed when the notification is sent to the client nucleus.

**Action** No action is required for this informational message.

**REVH11** **{hub-id} { NO | {count} } started reports.**
**{hub-id} { NO | {count} } reports requiring buffers.**

**Explanation** These messages are displayed in conjunction with the REVH10 message and indicate the status of information transmitted to the database nucleus by the hub.

*count* indicates the number of started reports and/or the number of reports requiring buffers.

**Action** None required. This message is for your information only.

**REVH12** **{hub-id} Outbound message to database {{dbid}|{nucid}} received RSP {rsp/subcode}**

**Explanation** This message is displayed at the completion of a notification call to a database nucleus identified by the database ID (*dbid*) or nucleus ID (*nucid*) given in the message. In cluster environments, a nucleus ID is listed; in all other environments, a database ID is listed. A response code of zero indicates that the message was successfully received.

**Action** No action is required for this informational message.

**REVH13** **{hubid} Dbid Nucid Last-act Rpts Buffers Log-records**
**{hubid dbid nucid last-act-time globrpts/dbrpts buffers log-recs}**
**{hubid} CL {jobname last-act-time clientrpts/dbrpts} ------- {log-recs}**

**Explanation** This message is displayed in response to the DCLIENT operator command. A title that reads " *hubid* Dbid Nucid Last-act Rpts Buffers Log-records" appears as the first REVH13 message. Thereafter, the following information is supplied under the corresponding column titles for each client nucleus registered with the hub:

| | |
|---|---|
| *buffers* | The buffers requested for this client are displayed in the following format `frsvtom`, where:<br>■ *f*: An"F" appears here if a format buffer was requested.<br>■ *r*: An "R" appears here if a record buffer was requested.<br>■ *s*: An "S" appears here if a search buffer was requested.<br>■ *v*: A "V" appears here if a value buffer was requested. |

| | |
|---|---|
| | ■ *i*: An "I" appears here if an ISN buffer was requested.<br>■ *o*: An "O" appears here if an I/O list buffer was requested.<br>■ *m*: An "M" appears here if a multifetch buffer was requested<br>If a buffer type was not requested, a dash ("-") appears in the appropriate location above.<br>**Note:** In the case of the client report line in this message (the line starting with CL), there are no buffers, so dashes will appear in this section. |
| *clientrpts* | The number of client reports running. |
| *dbid* | The database ID of the client nucleus. |
| *dbrpts* | The number of database-specific reports running for this client. |
| *globrpts* | The number of DBID=ALL reports running for this client. |
| *hubid* | The Adabas Review hub ID. |
| *jobname* | The job name of the client reporting client. |
| *last-act-time* | The time of last activity or the time when the last command log record was received from the client nucleus, in *hh:mm:ss* format. |
| *log-recs* | The number of command log records received from the client nucleus. For client report entries, this is the number of all command log records received from the client address space identified by the job name given in the message (*jobname*). |
| *nucid* | If the client nucleus represents an Adabas Parallel Services or Adabas Cluster Services database, the number of the nucleus within the cluster is also displayed. |

The last line of the message lists the number of client reports running in the hub.

**Action** No action is required for this informational message.

**REVH14** **{hub-id} Client {dbid} is not registered.**

**Explanation** This message is displayed in response to an operator command that requested a service for a nonexistent client nucleus. The requested client nucleus could not be found in the hub's registered client list.

**Action** Ensure that the correct client nucleus ID is properly specified and reenter the operator command.

**REVH15** **{hub-id} No databases registered.**

**Explanation** An operator command requested a service or status and there are no database nuclei presently listed in the hub's registration list.

**Action** None required. This is for your information only.

**REVH16** **{hub-id} The REVIEW Hub is not running APF authorized.**

**Explanation** To use the Trans-port feature of the Adabas Review hub under z/OS, the load library needs to be APF-authorized.

**Action** APF-authorize the load library if you want to use the Trans-port feature.

**REVH21** **{hub-id} A database register attempt failed due to missing DBID value.**

**Explanation** The hub received a call from an unknown database. The hub ignores the request.

**Action** None required. This is for your information only.

**REVH22** **{hub-id} Insufficient space to register database {dbid}.**

**Explanation** The hub was unable to insert a new database into its registration list. The client is given a non-zero response to prevent further communication. The hub continues processing and the registration of the new client is ignored.

**Action** Enter a `DCLIENT=ALL` operator command and review the list of clients. If there is a possibility of deleting a non-active client, then enter the `STOPCLIENT=`*`dbid`* operator command to stop the client from sending data, followed by a `DELCLIENT=`*`dbid`* to release the space in the registration list. To initiate the registration of the previously rejected client, start an Adabas Review report for that client.

**REVH24** **{hub-id} REVIEW nucleus terminated. REVIEW hub aborting.**

**Explanation** The Adabas Review nucleus terminated abnormally. The hub can no longer process Adabas Review data and will terminate.

**Action** Check all messages from Adabas Review to determine the cause of the abnormal termination of the Adabas Review nucleus. Correct the problem and restart Adabas Review.

**REVH25** **{hub-id} REVIEW buffer shortage.**

**Explanation** The hub incurred a shortage of the REVIEW buffer. The value for the available storage can be determined by the `BUFFMB` parameter of the INPUT statement

**Action** See the *Adabas Review User* documentation.

**REVH26** **{hubid} Handshake command for database {{dbid}|{nucid}} issued UBRSP={ubrsp}**

**Explanation** For diagnostic purposes, a handshake trace from the Adabas Review hub to the databases is activated. The Adabas Review hub issues a handshake command to a database because a report for this database is started, changed, or stopped. When the Adabas Review hub is brought down via ADAEND, the handshake command for the databases is also issued. UBRSP=8 indicates that the command is immediately complete and a 16-call is not required. UBRSP=4 indicates that the call is not complete and a 16-call is required.

Either a database ID (*dbid*) or nucleus ID (*nucid*) is given in the message. In cluster environments, a nucleus ID is listed; in all other environments, a database ID is listed.

**Action** No action is required for this informational message.

**REVH27** **{hubid} Handshake command for database {{dbid}|{nucid}} has completed {hubid} RSP={acbrsp/acbsubcode}, ACBRSP={acbrsp}**

**Explanation** For diagnostic purposes, a handshake trace from the Adabas Review hub to the databases is activated. An Adabas X'1C' call with UB was sent to a database by the Adabas Review hub and message REVH26 was issued. A 16-call was issued (if required) and the command completed with the indicated response code and subcode.

**Note:** ACBRSP=148 most likely means the database was not active.

Either a database ID (*dbid*) or nucleus ID (*nucid*) is given in the message. In cluster environments, a nucleus ID is listed; in all other environments, a database ID is listed.

**Action** No action is required for this informational message.

**REVH29** **{hubid} No UB available for command to database {dbid}**

**Explanation** There are not sufficient user blocks to add or communicate with a new database. The Adabas Review hub abends.

**Action** This may be a transient condition if the hub is servicing many clients in a very busy system. Issue the STARTCLIENT operator command to reinitiate handshaking. If this does not resolve the error, try decreasing the number of clients or increasing the number of user blocks. The number of user blocks can be increased by an optional zap which increases the value HUBMXCL is increased. For more information, or if this does not resolved the error, contact your technical support representative.

**REVH30** **{hubid} Logic error completing command to database {dbid}**

**Explanation** A command sent from the hub to a client was thought to be complete, but the 16-call did not mark it as complete. This is normally a logic error, but it might also occur during hub termination if the client was unresponsive..

**Action** Contact your technical support representative if this does not relate to an unresponsive client during hub termination.

| | |
|---|---|
| **REVH31** | **{hubid} Invalid storage key {x}** |
| **Explanation** | The Adabas Review hub can only run in storage key 0 or 8. |
| **Action** | Start the Adabas Review hub again under storage key 0 or storage key 8. |

| | |
|---|---|
| **REVH32** | **{hubid} Error initializing zIIP environment – Error Code: {xx}** |
| **Explanation** | During initialization of the zIIP environment an error has occurred. |
| **Action** | Restart the Adabas Review hub with `INPUT … ZIIP=NO`. |

# 65 RTP* - Adabas Review Trans-port Messages

**RTP001** **Review Abend in RTPSSPC**
**Abend S{syscode} U{usrcode} Reason {rsncode}**
**Hub ID {hubid} PASN {pasn} SASN {sasn}**
**PSW {psw} {extended-information}**
**{general-registers}**
**{access-registers}**

**Explanation** A program check or system abend was intercepted by the Adabas Review Trans-port ARR routine. This message appears in the Trans-port caller's listings and the system console.

The caller does not abend, but the data being sent to the Adabas Review hub may be discarded. A system dump is attempted.

**Action** Contact your technical support representative for assistance.

**RTP002** **Review Abend in RTPSSPC**
**Abend S{syscode} U{usrcode}**
**SDWA Not Available**

**Explanation** A program check or system abend was intercepted by the Adabas Review Trans-port ARR routine. This message appears in the Trans-port caller's listings and the system console.

z/OS did not provide a System Diagnostic Work Area (SDWA), which reduces the amount of information available.

The caller does not abend, but the data being sent to the Adabas Review hub may be discarded. A system dump is attempted.

**Action** Contact your technical support representative for assistance.

| | |
|---|---|
| **RTP003** | **System Dump Accepted** |
| **Explanation** | The error described in preceding messages **RTP001** or **RTP002** is recorded in a system dump. Additional dump details are in the system log and the hub's listing. |
| **Action** | Contact your technical support representative for assistance. |

| | |
|---|---|
| **RTP004** | **SDUMPX failed Reason {rsncode}** |
| **Explanation** | A system dump was attempted after the error described in the preceding messages **RTP001** or **RTP002**. z/OS was unable to schedule the dump. |
| **Action** | Check the IBM documentation for the SDUMPX service to determine the meaning of the reason code given in the message. Contact your Software GmbH technical support representative for assistance. |

| | |
|---|---|
| **RTP005** | **SRB Mode - Dump may be incomplete or some data my have changed** |
| **Explanation** | The error described in preceding messages **RTP001** or **RTP002** is recorded in a system dump but Trans-port was unable to synchronize with the dump process. Additional dump details are in the system log and the hub's listing. |
| **Action** | Contact your technical support representative for assistance. |

# 66 RVCL* - Adabas Review Batch Client Reporting (REVCLRP) Messages

| | |
|---|---|
| **RVCL001** | **Review Client Reporting has been {started \| stopped}** |
| **Explanation** | Adabas Review client reporting has been started or stopped. (REVEXIT2 has successfully been changed to the requested state: ON or OFF.) |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **RVCL002** | **Review Client Reporting is currently {on \| off \| unavailable}** |
| **Explanation** | The current status of Adabas Review client reporting is listed in the message. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **RVCL003** | **Unexpected error while resetting state** |
| **Explanation** | While performing the STATUS function, an error occurred resetting the original state after processing. This is due to a very small window of opportunity where an externally controlled process was altered. An example would be if the Adabas Review hub was terminated during the time when the STATUS call has started but not completed. |
| **Action** | Retry the operation. |

| | |
|---|---|
| **RVCL004** | **Invalid function code** |
| **Explanation** | An invalid function code was specified in RVCLFUNC. Valid function codes are "ON", "OFF" or "STATUS". |
| **Action** | Specify a valid function code in RVCLFUNC and try again. |

**RVCL005** **Non-zero response from link routine**

**Explanation** An error condition exists. Output fields RVCLRSP and RVCLRESN will contain the response and reason codes returned by the Adabas link routine, ADALNK.

**Note:** These fields were set by ADALNK, not REVCLRP.

**Action** Examine the response code and reason codes to understand the problem and fix it. If you need assistance, contact your technical support representative.

**RVCL006** **Review Client Reporting was already {on | off}**

**Explanation** A request was made to change the state of client reporting, but client reporting was already in that state.

**Action** Determine whether the request to change the state was requested correctly. If not, correct the request and try again.

**RVCL007** **REVEXIT2 is not installed**

**Explanation** An attempt to call REVCLRP was made from an application, but the REVEXIT2 link routine is not currently installed. REVEXIT2 is required for client reporting.

**Action** Contact your technical support representative for assistance.

**RVCL008** **Insufficient storage for REVEXIT2**

**Explanation** There is not enough memory available for REVEXIT2 to operate.

**Action** Provide more storage and try to run the job that calls REVCLRP again.

**RVCL009** **The hand shake with the Review hub failed**

**Explanation** The Trans-Port service was not able to communicate properly with the Adabas Review hub because the PC number was zero.

**Action** Contact your technical support representative; be prepared to provide a dump and protocol information.

**RVCL010** **The internal Trans-Port mechanism failed**

**Explanation** Attempts to communicate with the Adabas Review hub failed. Output fields REVCLRSP and RVCLRESN will be set with the response and reason codes from REVCLRP. If the response and reason codes are 148/50, then the hub was terminated after client reporting (REVEXIT2) was activated.

**Action** If the response and reason codes are 148 and 50 (respectively), restart the hub and try again. If the response and reason codes are not 148 and 50, contact your technical support representative for assistance.

| | |
|---|---|
| **RVCL011** | **Adabas response 148 was received contacting the hub** |
| **Explanation** | The Adabas Review hub is not available. |
| **Action** | Start the Adabas Review hub and try again. |

# 67 SAF* - SAF Daemon Messages

The following messages may be issued by the SAF daemon.

**SAF001I** **Unable to load required module: {xxxxxx}**

**Explanation** The SAF kernel or one of the modules it needs could not be loaded. Ensure that all SAF modules (including those created by installation assembly jobs – SAFCFG, SAFPSEC and SAFPMAC) are available.

**SAF002I** **Unable to obtain anchor storage**

**Explanation** A memory allocation failed during initialization. Increase the region size.

**SAFD01S** **SAF CANNOT INITIALISE, GETMAIN ERROR**

**Explanation** There is insufficient memory for the SAF daemon to initialize. Increase the region size.

**SAFD02S** **SAF CANNOT INITIALISE, KERNEL LOAD ERROR**

**Explanation** Installation error (SAFCKN load module not available). Ensure that all required load modules are available.

**SAFD03E** **DDCARD open error: ## - terminating**

**Explanation** The SAF daemon was enable to open DDCARD. Ensure that the DDCARD DD statement is specified correctly.

**SAFD04I** **Input parameter: {xxx}**

**Explanation** The daemon echoes the values of the supplied DDCARD parameters.

**SAFD05E** **Invalid parameter: {###########}**

**Explanation** DDCARD contained an invalid parameter. The SAF daemon terminates. Correct the parameter in error.

**SAFD06E** **Product parameter not specified**

**Explanation** DDCARD did not contain `PRODUCT=SAF`. Ensure that `PRODUCT=SAF` and `DEFAULT=SAF` are both specified.

**SAFD07E** **MPM failure - function: ## error ##**

**Explanation** The SAF daemon received an error from ADAMPM. This message will usually be preceded by an explanatory message. If in doubt, contact your technical support representative for assistance.

**SAFD08E** **IOR failure - function: ## error ##**

**Explanation** An error occurred during an ADAIOR service call. Contact your technical support representative for assistance.

**SAFD09I** **Shutdown requested**

**Explanation** The SAF daemon has been instructed to shut down.

**SAFD10E** **Getmain for command queue failed**

**Explanation** The SAF daemon failed to allocate its command queue. Increase the region size.

**SAFD11I** **SAF Kernel is active on node {nnnnn sss }CIB={aaaaaaaa}**

**Explanation** The daemon is now active and ready to receive security requests; nnnnn is the node ID, sss is the SVC number, and aaaaaaaa is the address of the daemon's main storage area.

**SAFD12I** **Oper type in: SAF {xxxxx}**

**Explanation** Message 12I is issued before processing of an operator command.

**SAFD13E** **Invalid operator command**

**Explanation** An invalid operator command was entered.

**SAFD14I** **Target {nnnnn} termination in progress**

**Explanation** Message 14I is issued during daemon termination (nnnnn is the daemon's node ID).

**SAFD15I** **Target {nnnnn} ended normally**

**Explanation** Message 15I is issued during daemon termination (nnnnn is the daemon's node ID).

**SAFD22E** **Load for module: {########} failed**

**Explanation** The indicated module could not be loaded. Ensure that it is available.

**SAFD25E** **{###} is an invalid product name**

**Explanation** An invalid `PRODUCT= parameter` was specified in DDCARD.

**SAFD26E** **Proxy module SAFPXY was not found, product SAF will not be called**

**Explanation** Ensure that SAFPXY and all other required load modules are available.

**SAFD30E** **Getmain for product parm block failed**

**Explanation** A memory allocation failed during initialization. Increase the region size.

**SAFD31E** **Cab allocation error in module syscoru**

**Explanation** A memory allocation failed during initialization. Increase the region size.

**SAFD34E** **UAB allocation error in module syscoru**

**Explanation** A memory allocation failed during initialization. Increase the region size.

**SAFD40S** **Abend {code} Psw {pppppppp pppppppp}**

**Explanation** Message 40S is issued during abnormal termination. It shows the abend code, Program Status Word, module that abended and register contents.

In the event of an abend, please ensure you collect the messages, the dump and any trace messages or snaps that have been generated.

**SAFD42S** **Module {module} entry {entry-point} offset {offset}**

**Explanation** Message 42S is issued during abnormal termination. It shows the abend code, Program Status Word, module that abended and register contents.

In the event of an abend, please ensure you collect the message, the dump and any trace messages or snaps that have been generated.

**SAFD43S** **Regs 00-03 {register contents}**

**Regs 04-07 {register contents}**

**Regs 08-11 {register contents}**

**Regs 12-15 {register contents}**

**Explanation** Message 43S is issued during abnormal termination. It shows the abend code, Program Status Word, module that abended and register contents.

In the event of an abend, please ensure you collect the message, the dump and any trace messages or snaps that have been generated.

# 68 SEFM* - ADASAF SAF Interface and SAF Security Kernel Messages


- Operator Command Messages (SEFM900+ Series) Adabas SAF Security operator command messages SAF Security Kernel operator command messages ..... 1115

ADASAF displays an eight-byte code containing various return codes from SAF. This information is shown in a number of messages denoted *ssssssss*.

The ADASAF return code "ssssssss" contains the following structure:

| Position | Information Content |
|---|---|
| Byte: 1 | SAF return code |
| Byte: 2 | Function code. ADASAF internal function codes (hex) include:<br>■ 04 - Authorize Adabas access<br>■ 44 or 6C - Authenticate user |
| Byte: 3 | Return code from security system, for example RACF |
| Byte: 4 | Reason code from security system, for example RACF |
| Bytes: 5 - 8 | SAF reason code |

Refer to the IBM manual External Security Interface (RACROUTE) Macro Reference manual for z/OS for a thorough explanation of all possible return/reason codes. CA-Top Secret and CA-ACF2 can provide different return code values in some circumstances.

**BLS0334** **SYMBOL 'NETSAF' CANNOT BE FOUND. LOADING ABORTED**

**Explanation** This message should be ignored.

**SEFM001** **{ssssssss} : {user} : {resource}**

**Explanation** The security system determined that the user identified in the message ( *user*) does not have authorization for the resource listed in the message (*resource*). System return and reason codes are given in the hexadecimal string *ssssssss*. This message is displayed when access has been denied to a particular resource.

**SEFM002** ***{XX} to request FF : {user} : {resource}**

**Explanation** An unexpected response code (*XX*) was received from the SAF Security Kernel for the user identified in the message (*user*) when requesting function *FF* to be performed on the resource specified in the message (*resource*).

**SEFM004** ***Natural programs not extracted**

**Explanation** The SAF Security Kernel was not able to extract a list of protected program objects from the security system on behalf of Natural users.

**Action** Obtain a trace of SAF call RACROUTE EXTRACT from the security system and contact your technical support representative. ACF2 and Top Secret users should ensure that the protected programs have been extracted from the security system and supplied

to the SAF Security Kernel via the SEFEXT DD statement in the daemon started task JCL.

**SEFM006** ***ADARSP {XX}({xx}) to request FF : {user}**

**Explanation** The SAF Security Kernel returned the Adabas response code (*XX*) and subcode (*xx*) shown in the message to request *FF* for the user shown in the message (*user*).

**Action** Ensure that the SAF Kernel started task is active. Check its output for error messages. Take the necessary remedial action indicated by the Adabas response code.

**SEFM008** ***SAF Gateway (V{v.r}) started**

*** SAF Security Kernel (V{x.x.x} - BUILD {xxxx}) started**

**Explanation** Entire Net-Work SAF Security Interface (ADASAF) startup completed or the SAF Security Kernel initialized successfully.

**Action** No action is required for this informational message.

**SEFM009** **Module {module-name} not loaded**

**Explanation** Entire Net-Work SAF Security Interface could not load the module listed in the message (*module-name*).

**Action** Ensure that the module is in the STEPLIB and that the region size is sufficient.

**SEFM013** ***Less {memory | storage} acquired than specified**

**Explanation** The SAF Security Kernel or the Entire Net-Work SAF Security Interface (ADASAF) were not able to allocate all the memory or storage required to satisfy the buffer size specified in its parameters. Operation continues.

**Action** Ensure that the region size is sufficient and the parameters are appropriate.

**SEFM014** ***No {memory | storage}could be acquired**

**Explanation** Entire Net-Work SAF Security Kernel or the SAF Security Interface (ADASAF) could obtain no storage or memory at system startup. Operation has terminated.

Operation has terminated.

**Action** Ensure that the region size is sufficient and system parameters are appropriate.

**SEFM015** ***Logic error - {XXXX} for request FF : {user}**

**Explanation** The SAF Security Kernel suffered an internal error. A general restart is performed and the operation continues.

**Action** Keep all information written to DDPRINT and contact your technical support representative.

**SEFM016** ***SAF logoff failed {ssssssss} ACEE AAAA : {user}**

**Explanation** The SAF Security Kernel was unable to logoff *user* from the security system. The SAF error code is *ssssssss*.

**Action** Contact your technical support representative.

**SEFM017** ***Insufficient space to initialize - make Natural buffer {XX}**

**Explanation** The Natural SAF interface requires a larger value to be specidied for NSFSIZE.

**Action** Increase the Natural NSFSIZE parameter.

**SEFM020** ***GETMAIN failed / IDSIZE error**

**Explanation** The Natural SAF interface could not acquire storage from the designated IDMSBUF.

**Action** Increase Natural region and/or thread size.

**SEFM021** ***Illegal storage use / relocation problem**

**Explanation** Internal problem in Natural SAF storage use.

**Action** Contact your technical support representative.

**SEFM025** ***Natural IDMSBUF parameter is not defined**

**Explanation** The Natural NSFSIZE parameter has not been specified.

**Action** Ensure NSFSIZE is set correctly in the Natural parameters.

**SEFM026** ***Natural protected programs not extracted code: {XX}**

**Explanation** The list of protected programs could not be returned from the SAF Security Kernel to Natural.

**Action** Ensure the same copy of the configuration module SAFCFG is used by all system components. Check that the GWSTYP parameter defined in SAFI010 and STY parameter in SAFI020 are both correctly set for the installed security system and that all installation requirements have been met.

**SEFM028** ***System files not found in environment table**

**Explanation** The current Natural system files were not matched in the table defining all possible system file sets.

**Action** Ensure that the environment definitions in Natural Security are correct.

**SEFM029** ***Error in communications layer - check installation procedure**

**Explanation** Possible reasons for error: Adabas link module installed into this component is not reentrant.

**SEFM030** ***SQL table / VIEview could not be identified for file ({XX},{YY})**

**Explanation** Interface could not identify table name for DBID/FNR of an SQL request.

**Action** Ensure interface is correctly installed, then contact your technical support representative.

**SEFM031** ***DBID / FNR identified with SQL request not recognized {XXXX}**

**Explanation** Interface component could not determine the DBID/FNR associated with this SQL request.

**Action** Contact your technical support representative.

**SEFM041** ***Interface installed for Net-work**

**Explanation** The interface is installed for operation with Entire Net-Work.

**Action** No action is required for this informational message.

**SEFM049** ***User type T not permitted by installed options**

**Explanation** The SAF Kernel will not permit user type *T* to operate using the currently installed options.

**SEFM050** ***Error writing SMF record : {XX}**

**Explanation** The stated error occurred when an SMF record was being written.

**SEFM051** ***SAFPRINT dataset not defined, DDPRINT will be used**

**Explanation** `SAFPRINT=Y` is set in SAFCFG, but no SAFPRINT dataset is defined.

**SEFM060** *** RACLIST REQUESTED FOR CLASS cccccccc**

**Explanation** The specified security class cccccccc has been configured to use FASTAUTH in SAFCFG. This message indicates the start of the RACLISTing process for this class.

**Action** No action is required for this informational message.

**SEFM061** *** RACLIST SUCCESSFUL FOR CLASS cccccccc**

**Explanation** This message indicates RACLISTing has been successful for class cccccccc.

**Action** No action is required for this informational message.

**SEFM062** *** RACLIST FAILED FOR CLASS cccccccc ERROR ssssssss**

**Explanation** This message indicates RACLISTing has failed for class cccccccc. The FASTAUTH option for this class cannot be honoured, authorization checks will be performed using RACROUTE REQUEST=AUTH (the default).

**Action** Refer to *Adabas SAF Security* > *Adabas SAF Security Messages and Codes* > *SAF Return Codes* for information on how to interpret the error code ssssssss.

**SEFM070** *** LISTENER ACTIVE FOR SIGNAL ENF-{xx}**

**Explanation** This message indicates the signal listener has been successfully activated and is listening for ENF signal type *xx*.

**Action** No action is required for this informational message.

**SEFM071** *** UNABLE TO ACTIVATE LISTENER FOR SIGNAL ENF-{xx} ERROR {eeeeeeee}**

**Explanation** This message indicates the signal listener could not be activated for ENF signal type *xx*. The error code is *eeeeeeee*.

**Action** Contact your technical support representative.

**SEFM072** *** LISTENER TERMINATED FOR SIGNAL ENF-{xx}**

**Explanation** This message indicates the signal listener has been successfully de-activated and is no longer listening for ENF signal type *xx*.

**Action** No action is required for this informational message.

**SEFM073** *** SIGNAL LISTENERS REQUESTED BUT INCOMPATIBLE RUNTIME**

**Explanation** This message indicates that signal listeners have been requested by configuration but there is an incompatibility between the Adabas SAF Security and the Adabas Limited Library (WAL) runtimes. The job continues to run, but without any active ENF Signal listeners.

**Action** Ensure Adabas SAF Security is at least version 8.4 SP1, and the Adabas Limited Library (WAL) is at least version 8.5 SP4 Patch level 1.

| | |
|---|---|
| **SEFM074** | *** UNABLE TO ALLOCATE REQUIRED MEMORY FOR SIGNAL LISTENERS** |
| **Explanation** | This message indicates a memory shortage when attempting to establish the signal listeners. The job continues to run, but without any active ENF Signal listeners. |
| **Action** | Review the `REGION` size for the job. Review the `SIGNQSZ` parameter. |

| | |
|---|---|
| **SEFM075** | *** UNABLE TO TERMINATE SIGNAL LISTENERS. PLEASE TRY LATER** |
| **Explanation** | SAF daemon only. This message indicates that Adabas SAF Security in the daemon has been unable to cleanly terminate the ENF Signal listeners in response to a `SSIGTERM` command. The ENF Signal listeners are asynchronous processes that were likely busy at the time of termination. |
| **Action** | Retry the `SSIGTERM` command at a later time |

| | |
|---|---|
| **SEFM205** | ***CPU identity : {cpuid}** |
| **Explanation** | The interface component linked to Entire Net-Work displays the CPU ID of the host machine. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **SEFM210** | ***SAF Gateway is active for Entire Net-Work** |
| **Explanation** | The Entire Net-Work SAF Security Interface is active. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **SEFM255** | ***Unauthorized use of request** |
| **Explanation** | Attempted illegal use of security request. |
| **Action** | Contact your technical support representative. |

## Operator Command Messages (SEFM900+ Series) Adabas SAF Security operator command messages SAF Security Kernel operator command messages

The following messages are displayed in response to operator commands:

| | |
|---|---|
| **SEFM900** | *** Operator issued command: {command}** |
| **Explanation** | Entire Net-Work SAF Security Interface (ADASAF) or the SAF Security Kernel received the operator command identified in the message. |
| **Action** | No action is required for this informational message. |

**SEFM901** *** SAF server - General statistics (at {hhhhhhhh})**

*** SAF Security Kernel - General statistics (at {hhhhhhhh})**

**Explanation** The operator command for general statistics was issued. Here is an example of the statistics messages produced for the SAF server:

```
SEFM901 * SAF SERVER - GENERAL STATISTICS (AT hhhhhhhh)
SEFM902 * RESOURCE   CHECK(+VE) CHECH(-VE) CHECK SAVED OVERWRITES ↩
LEN
SEFM903 * APPLICATION         1          0          0           ↩
0    8
SEFM903 * ADABAS              0          0          0           ↩
0   32
SEFM903 * SYSMAIN             0          0          0           ↩
0   13
SEFM903 * SYSTEM FILE         2          0          0           ↩
0   24
SEFM903 * PROGRAM             0          0          0           ↩
0   17
SEFM903 * BROKER              0          0          0           ↩
0   32
SEFM903 * NET-WORK            0          0          0           ↩
0    0
SEFM903 * SQL SERVER          0          0          0           ↩
0    0
SEFM904 * USERS - ACTIVE: 1 FREE: 55 OVEWRITES: 0
```

Here is an example of the statistics messages produced for the SAF Security Kernel:. The address in the first line is the address of the SAF Kernel's storage cache.

```
SEFM901 * SAF SECURITY KERNEL - SERVER STATISTICS (AT 12C47000)
SEFM902 * RESOURCE   CHECK(+VE) CHECH(-VE) CHECK SAVED OVERWRITES ↩
LEN
SEFM903 * APPLICATION        10          0          0           ↩
0    8
SEFM903 * DBMS CHECK          0          0          0           ↩
0   17
SEFM903 * SYSMAIN             0          0          0           ↩
0   21
SEFM903 * SYSTEM FILE         2          0          0           ↩
0   40
SEFM903 * PROGRAM             0          0          0           ↩
0   17
SEFM903 * BROKER              0          0          0           ↩
0   68
SEFM903 * NET-WORK            0          0          0           ↩
0   17
SEFM903 * SQL SERVER          0          0          0           ↩
0   32
SEFM904 * CACHED USERS:       1 HIGH WATERMARK:     1 MAX USERS: ↩
```

```
 5545
SEFM905 * OVERWRITES:         0 AUTHENTICATED:      0 DENIED:    ↩
    0
```

**Action** No action is required for this informational message.

**SEFM902 - 905** **{statistics}**

**Explanation** Various statistics for the SAF server and the SAF Security Kernel are displayed. See message **SEFM901**.

**Action** No action is required for this informational message.

**SEFM909** *** {SAF Gateway | SAF Security Kernel} - shutdown initiated**

**Explanation** The operator issued a command to shut down Entire Net-Work SAF Security Interface or the daemon started task (SAF Security Kernel). This message is also issued when a secure Adabas nucleus, Net-Work node or Adabas SQL server terminates.

**Action** No action is required for this informational message.

**SEFM910** ***{SAF Server | SAF Security Kernel} - list all active users**

**Explanation** The operator issued a command to display a list of currently active users.

The following is a sample of the output produced for the SAF server:

```
SEFM910 * SAF SERVER - LIST ALL ACTIVE USERS
SEFM911 * USERID     CHECK(+VE) CHECH(-VE) CHECK SAVED OVERWRITES ↩
BUFF
SEFM912 * K11079              3          0          0           ↩
0   0
```

The following is a sample of the output produced for the SAF Security Kernel:

```
SEFM910 * SAF GATEWAY - LIST ALL ACTIVE USERS
SEFM911 * USERID CHECK(+VE) CHECH(-VE) CHECK SAVED OVERWRITES BUFF
SEFM912 * K11079         3          0          0           0   0
```

**Action** No action is required for this informational message.

**SEFM911** ***{userid} . . .**

**Explanation** The operator issued a command to display statistics specific to a currently active user.

The following is a sample of the output produced for the SAF server:

```
SEFM911 * NXB        CHECK(+VE) CHECH(-VE) CHECK SAVED OVERWRITES ↩
 BUFF
SEFM912 * APPLICATION         1          0          0           ↩
0    0
SEFM912 * DBMS CHECK          0          0          0           ↩
0    0
SEFM912 * SYSMAIN             0          0          0           ↩
0    0
SEFM912 * SYSTEM FILE         2          0          0           ↩
0    0
SEFM912 * PROGRAM             0          0          0           ↩
0    0
SEFM912 * BROKER              0          0          0           ↩
0    0
SEFM912 * NET-WORK            0          0          0           ↩
0    0
SEFM912 * SQL SERVER          0          0          0           ↩
0    0
```

The following is a sample of the output produced for the SAF Security Kernel:

```
SEFM911 * SJU        CHECK(+VE) CHECH(-VE) CHECK SAVED OVERWRITES ↩
 BUFF
SEFM912 * APPLICATION        10          0           0          ↩
 0   10
SEFM912 * DBMS CHECK          0          0           0          ↩
 0    0
SEFM912 * SYSMAIN             0          0           0          ↩
 0    0
SEFM912 * SYSTEM FILE         2          0           0          ↩
 0    2
SEFM912 * PROGRAM             0          0           0          ↩
 0    0
SEFM912 * BROKER              0          0           0          ↩
 0    0
SEFM912 * NET-WORK            0          0           0          ↩
 0    0
SEFM912 * SQL SERVER          0          0           0          ↩
 0    0
```

**Action** No action is required for this informational message.

**SEFM913** *** No active users found in SAF {Server | Gateway | Security Kernel}**

**Explanation** No active users were found in Entire Net-Work SAF Security Interface (ADASAF) or in the SAF Security Kernel.

**Action** No action is required for this informational message.

**SEFM914** *** Requested user {userid} not found in SAF {Server | Gateway | Security Kernel}**

**Explanation** The requested user was not found in the Entire Net-Work SAF Security Interface (ADASAF) or in the SAF Security Kernel.

**Action** No action is required for this informational message.

**SEFM915** **SEFM915 * SAF Security Kernel - snap of server memory**

**Explanation** This message is issued in response to an `SSNAP` operator command and is followed by a sequence of SEFM916 messages.

**Action** No action is required for this informational message.

**SEFM916** *** {hhhhhhhh hhhhhhhh hhhhhhh hhhhhhhh hhhhhhhh.x..X.Y}/**

**Explanation** This message contains the results of an `SSNAP` command. Each SSNAP snaps up to 256 bytes and shows the address, the hexadecimal storage contents, and the interpretation.

**Action** No action is required for this informational message.

**SEFM918** *** Supplied address is outside of legal range**

**Explanation** An attempt was made to snap storage outside the bounds of the SAF Kernel's cache.

**SEFM919** ***Operator command did not contain required arguments**

**Explanation** A required parameter was omitted from an operator command. For example, `SUSTAT` with no userid specified.

**Action** Correct the operator command and try again.

**SEFM920** **{command1}, {command2}, {command3}, and so on**

**Explanation** This message is issued in response to an `SHELP` operator command and lists the available SAF Kernel operator commands.

**Action** No action is required. This message is informational.

**SEFM921** *** Memory allocation failure - users cannot be logged off**

**Explanation** The SAF Kernel was unable to obtain temporary storage (approximately 16Kb) to log users off in response to an SREST, SNEWCOPY or SLOGOFF operator command.

**Action** Increase the region size.

**SEFM922** *** User {userid} logged off**

**Explanation** This message is issued in response to an SLOGOFF operator command. The indicated user has been logged off from the security system.

**Action** No action is required for this informational message.

**SEFM923** *** User {userid} not logged off - user not found**

**Explanation** This message is issued in response to an SLOGOFF operator command. The requested user could not be found in the SAF Kernel's cache.

**Action** Verify the correct user ID was specified.

**SEFM924** *** User {userid} not logged off - return code {ZZ}**

**Explanation** This message is issued in response to an SLOGOFF operator command. An internal error (indicated by ZZ) occurred while attempting to log the requested user off.

**Action** Evaluate the return code to determine the cause of the error.

**SEFM928** *** Invalid trace setting - must be 0, 1, 2 or 3**

**Explanation** The STRACE operator command was issued with an invalid trace setting.

**Action** Correct the trace setting and try again.

**SEFM929** *** Invalid SAF Security Kernel operator command**

**Explanation** An invalid SAF Security Kernel operator command was entered.

**Action** Specify a valid SAF Security Kernel operator command.

**SEFM930** *** SIGNAL SREST INTERVAL COUNTS:**

**Explanation** When the ENF Signal Listener is active, this message is appended to the general statistics displayed by message SEFM901 as a result of an SSTAT or SREST command. Together with SEFM931, counts are displayed relating to the number of ENF Signal conditions which have resulted in an SREST operation being requested, since the time of the last completed SREST operation.

**Action** No action is required for this informational message.

**SEFM931** *** QUEUE FULL: nnnnnnnn ENF-62: nnnnnnnn**

*** ENF-71: nnnnnnnn ENF-79: nnnnnnnn**

**Explanation** When the ENF Signal Listener is active, this message is appended to the general statistics displayed by message SEFM901 as a result of an SSTAT or SREST command. Counts are displayed relating to the number of ENF Signal conditions which have resulted in an SREST operation being requested, since the time of the last completed SREST operation.

**QUEUE FULL**

The number of times a free entry in the ENF Signal Listener Queue could not be found.

**ENF-*nn***

The number of times the ENF Signal Listener was unable to identify the signal type *nn* as belonging to a specific user.

**Action** No action is required for this informational message.

# 69 SM-PIN* - PIN Routine Messages

This section describes the messages produced in the plug-in (PIN) modules of the error handling and message buffering facility.

| | |
|---|---|
| **SM-PINTAUTOR1** | **File number not found in thread** |
| **Explanation** | An autorestart error occurred and PINAUTOR attempted to exclude the file from autorestart processing. Because the file number is not contained in the thread, it is not possible to exclude the file and the nucleus terminates. |
| **Action** | Follow normal procedures for the parameter error 31 message. |

| | |
|---|---|
| **SM-PINAUTOR2** | **Will exclude file {file-number} from autorestart** |
| **Explanation** | The parameter error 31 message is related to the file number indicated in the message. The file has now been excluded from autorestart processing and an attempt will be made to perform autorestart without the file. |
| **Action** | An excluded file may become inconsistent and need to be restored from a backup using ADASAV RESTORE. |

| | |
|---|---|
| **SM-PINAUTOR3** | **Maximum number of files excluded from autorestart** |
| **Explanation** | The maximum number of files allowed to be excluded has been exceeded. |
| **Action** | Adjust the number of files allowed for exclusion in ADASMXIT and retry autorestart, or restore and regenerate your database. |

| | |
|---|---|
| **SM-PINAUTOR4** | **File or response code invalid for exclusion** |
| **Explanation** | The file or response code has been specified as ineligible for exclusion in ADASMXIT. |
| **Action** | Modify the ADASMXIT table to allow the response code or file and retry autorestart or follow the same recovery guidelines as for a parameter error 31. |

| | |
|---|---|
| **SM-PINAUTOR5** | **Not possible to exclude RSP {response-code}** |
| **Explanation** | The response code encountered may not be excluded |
| **Action** | Follow the recovery guidelines as specified for a parameter error 31 |

| | |
|---|---|
| **SM-PINAUTOR6** | **Cannot exclude system file** |
| **Explanation** | The error relates to the checkpoint or security file. It is not possible to exclude either of these files. |
| **Action** | Follow the recovery guidelines as outlined for a parameter error 31. |

# 70 UEX12* - Messages Written by the Sample User Exit 12

The sample user exit 12 routine writes messages to the operator console, identified by message IDs. The following messages may occur:

| Number | ID | Description |
|---|---|---|
| UEX12 | *dbid* | `[NucID nucid] Exit 12, n xLOGs, event`<br>`Log i status, next ↩`<br>`log status session sess-no, count in use`<br>`DDxLOGRj status date/time` |
| UEX12A | *dbid* | Not APF-authorized |
| UEX12F | *dbid* | All *x*LOG datasets full |
| UEX12J | *dbid* | *x*LCOPY job submitted |
| UEX12O | *dbid* | Error – *ddname* Open failed |
| UEX12S | *dbid* | *x*LCOPY task started |
| UEX12X | *dbid* | Return to ADABAS, WaitTime= *delay* seconds |

where

- *dbid* is the database ID.
- *nucid* is the NUCID of cluster nucleus calling UEX12 in a cluster.
- *n* is the number of log data sets (NPLOG, NCLOG, or NALOG).
- *x* is "P", "C" or "A" (for PLOG, CLOG, or ALOG).
- *event* can be "nucleus start" | "nucleus end" | "log switch" | "forced switch".
- *i* is the number of the log data set just completed.
- *j* is the number of a non-empty log data set. There is one such line for each non-empty data set.
- *status* can be "active" | "copying" | "free" | "full".
- *sess-no* is the Adabas session number.

- *count* is the number of log data sets in use (i.e., not free).
- *ddname* is the DD-name of dataset that cannot be opened.
- *delay* is the requested wait time in R15.

Both the core part of the message ID ("UEX12" as delivered) and the suffix characters (" " [blank], "A", "F", etc.) can be changed by a zap (cf. member UX12ZAP in the Adabas jobs library).

# 71 XTS* - internal Transport Subsystem Messages


- Warnings ..... 1128
- Errors ..... 1130
- Generic TCP/IP Messages ..... 1144

The internal transport subsystem Messages and Codes documentation provides information for each warning and error message that you can encounter using the internal transport subsystem of Software GmbH products.

This documentation is organized as follows:

| | |
|---|---|
| *Warnings* | Provides the message ID, message text, and a brief explanation for each warning message. |
| *Errors* | Provides the message ID, message text, and a brief explanation for each error message. |
| *Generic TCP/IP Messages* | Lists the message ID and message text for each generic TCP/IP error. For complete information on the TCP/IP error conditions, refer to your TCP/IP documentation. |

**Note:** The internal component API returns warnings as positive values and errors as negative values.

## Warnings

**XTS0000W** **XTS Success**

**Explanation** The transport subsystem processing completed successfully.

**XTS0001W** **XTS No LISTEN has been issued**

**Explanation** A server has only XTSconnect entries and no XTSlisten. It is possible for a server to connect only to a proxy, and the warning helps applications determine if XTSlisten is missing.

**XTS0003W** **XTS Load message file failed**

**Explanation** The transport subsystem failed to load the *XTS.MSG* file. This file contains text for the error messages; there is an internal table also, so *XTS.MSG* is not mandatory.

**XTS0004W** **XTS Client already registered**

**Explanation** Multiple `XtsBindClient` calls occurred for the same client. Only the first call is considered.

**XTS0005W** **XTS More data**

**Explanation** The receive buffer defined by a transport subsystem send and wait call is not big enough to get all data received by the transport subsystem. A subsequent call has to be made to receive all data.

**XTS0006W** **XTS No SSL random file warning**

**Explanation** There is no random file defined for a transport subsystem/Secure Sockets Layer (SSL) application; a random file usage by SSL is highly recommended.

**XTS0007W** **XTS Notify connect**

**Explanation** This is a receive callback notification for an incoming connection.

**XTS0008W** **XTS Notify disconnect**

**Explanation** This is a receive callback notification for a disconnection.

**XTS0009W** **XTS Notify broadcast**

**Explanation** This is a receive callback notification for a broadcast attempt.

**XTS0010W** **XTS Notify unsupported**

**Explanation** This is a receive callback notification when protocols set by XTSlisten are not supported.

**XTS0011W** **XTS Notify message reference dead**

**Explanation** This is a receive callback notification indicating the active message references are deleted when a client disconnects.

**XTS0012W** **XTS Notify outbound connect**

**Explanation** This is a receive callback notification for an outbound connection.

**XTS0013W** **XTS Notify listen failure**

**Explanation** This is a notification to the callback routine submitted by XtsRegisterByTargetName or XtsRegisterByTargetId indicating a failure of an XTSlisten URL.

**XTS0014W** **XTS Notify connect failure**

**Explanation** This is a notification to the callback routine submitted by XtsRegisterByTargetName or XtsRegisterByTargetId indicating a failure of an XTSconnect URL.

**XTS0015W** **XTS Notify end broadcast**

**Explanation** This is a notification to the callback routine submitted by XtsRegisterByTargetName or XtsRegisterByTargetId indicating an end broadcast message was received from another node.

## Errors

**XTS0050E** **XTS Semaphore Error**

**Explanation** A failure to create a semaphore occurred. contact Software GmbH customer support.

**XTS0051E** **XTS Memory Allocation Error**

**Explanation** A failure to allocate memory occurred. Contact Customer support.

**XTS0052E** **XTS Server already registered**

**Explanation** The transport subsystem server is already registered.

**XTS0053E** **XTS Incorrect URL**

**Explanation** A URL with a syntax error was encountered. Check the Directory Server repositories.

**XTS0054E** **XTS Failure Loading Protocol Handler**

**Explanation** A failure to load protocol handlers (for example, *Xtstcp.lib*) occurred. It was probably caused by a configuration problem. Contact Customer support.

**XTS0055E** **XTS Protocol Init failed**

**Explanation** A protocol initialization failure occurred. contact Software GmbH customer support.

**XTS0056E** **XTS Invalid protocol type**

**Explanation** The specified protocol is not supported by the transport subsystem. This is possibly and error in URL syntax.

**XTS0057E** **XTS Listen Failed**

**Explanation** A listen failed. Check the log file for protocol-specific errors. This is caused mostly by trying to listen on a port taken by another server.

**XTS0058E** **XTS Accept Failed**

**Explanation** The accept failed. Check the log file for protocol-specific errors.

**XTS0059E** **XTS Connect Failed**

**Explanation** The connect failed. Check the log file for protocol-specific errors.

**XTS0060E** **XTS No directory information**

**Explanation** No XTSaccess information is provided for the server to which the application wants to connect. Please add a target definition through the Directory Server.

**XTS0061E** **XTS Failure to create a thread**

**Explanation** A failure to create a thread occurred. Contact Customer support

**XTS0062E** **XTS Timeout error**

**Explanation** A failure to connect or send data in the time set by the user occurred. To complete the connect or send, repeat the call or increase the timeout value.

**XTS0063E** **XTS Send Failed**

**Explanation** A completion code is returned to the send callback routine when send fails. Check the log file for the protocol-specific error code.

**XTS0064E** **XTS Invalid reference**

**Explanation** An invalid message reference was passed by the user.

**XTS0065E** **XTS Send incomplete**

**Explanation** A send was interrupted by a client disconnection.

**XTS0066E** **XTS No such server**

**Explanation** A nonexistent server name was passed by the user. It applies to the transport subsystem statistics and dumps calls.

**XTS0069E** **XTS Resolve Target failed**

**Explanation** The client failed to send a handshake message to the server; Error caused by the server going down or a protocol send error.

**XTS0070E** **XTS Resolve Target Reply failed**

**Explanation** The server failed to reply to the client during handshaking. This error is caused by the client going down or by a protocol send error.

**XTS0071E** **XTS Target cannot be resolved**

**Explanation** The client failed to resolve the target name. This error is caused by different names used by the server and the client but with the same address.

**XTS0072E** **XTS Not initialized**

**Explanation** The transport subsystem call was submitted before the transport subsystem was initialized. Errors were returned by XtsShutdown, XtsSendMessageByRT, and the transport subsystem statistics call.

**XTS0073E** **XTS Bind Client failed**

**Explanation** The client bind failed because of a protocol send error or because the server went down.

**XTS0074E** **XTS Too many user threads**

**Explanation** The number of user threads in existence reached the maximum (64). Stop creating new user threads or reduce their time to live (timeout).

**XTS0075E** **XTS Created thread failed**

**Explanation** The transport subsystem failed to create a new user thread. This is an SMP error, possibly because of the limitations of the number of threads that a system can support. Contact Customer support.

**XTS0077E** **XTS Conversion failed**

**Explanation** The conversion between wide character and MBNS failed. Contact Customer support.

**XTS0078E** **XTS No Target Name**

**Explanation** The target name is a zero pointer. Pass a valid string.

**XTS0079E** **XTS No Client Name**

**Explanation** The client name is a zero pointer. Pass a valid string.

**XTS0082E** **XTS Zero Length not accepted**

**Explanation** The length of the data to be sent is zero, Make the length a positive number.

**XTS0083E** **XTS Target ID Out of Range**

**Explanation** The target ID value is bigger than "2113929215".

**XTS0084E** **XTS Channel Inactive**

**Explanation** The server-client connection was no longer active when XtsSendByRt or XtsBindClient were called. This error is generated by a client going down during the call.

**XTS0085E** **XTS Disconnect message**

**Explanation** A client or server disconnection was detected during a transport subsystem call.

**XTS0086E** **XTS Hash table error**

**Explanation** An internal transport subsystem hash table error occurred. Contact Customer support.

**XTS0087E** **XTS Thread key error**

**Explanation** An allocate/delete thread memory failure occurred. Contact Software AG customer support.

**XTS0088E** **XTS No CONNECT or LISTEN has been issued**

**Explanation** A server registration failed to submit at least one listen or connect. Check the XTSlisten or XTSconnect URL parameters.

**XTS0089E** **XTS Protocol not supported**

**Explanation** An attempt was made to use XtsBindClient over the RAW or XTSDS protocol. This feature is not supported.

**XTS0090E** **XTS Single Thread not supported**

**Explanation** This error code is returned when the transport subsystem call does not support the single thread feature. Examples include `XtsRegisterServerByName`(ID) and `XtsGiveThread`.

**XTS0094E** **XTS Zero pointer**

**Explanation** A zero pointer was passed by the user. This is an invalid value.

**XTS0095E** **XTS Hash table full**

**Explanation** An internal transport subsystem hash table error occurred. Contact Customer support.

**XTS0096E** **XTS Send User Exit failed**

**Explanation** The user exit send routine failed. Check the user exit code.

**XTS0097E** **XTS Recv User Exit failed**

**Explanation** The user exit receive routine failed. Check the user exit code.

**XTS0098E** **XTS Load User Exit failed**

**Explanation** The transport subsystem failed to load the user exit library. Check the environment or the user exit routine names.

**XTS0100E** **XTS Shutdown in process**

**Explanation** This error code is returned when the transport subsystem is in shutdown mode (because XtsShutdown was called by another thread).

**XTS0101E** **XTS Route Timeout**

**Explanation** The proxy cannot deliver the message because the route timeout was insufficient. Change the route timeout.

**XTS0102E** **XTS Route Table overflow**

**Explanation** The proxy cannot deliver the message because of a route table overflow. Repeat the transport subsystem call.

**XTS0103E** **XTS Route TTL expired**

**Explanation** The proxy cannot deliver the message because the route time to live was insufficient. Change the time to live time.

**XTS0104E** **XTS Route failed**

**Explanation** The proxy cannot deliver the message because of a route failure. Repeat the transport subsystem call.

**XTS0105E** **XTS Null parameter**

**Explanation** A null parameter is encountered when a notify callback routine registration is called.

**XTS0106E** **XTS Connection Rejected**

**Explanation** The connection was rejected by the notify callback routine.

**XTS0107E** **XTS Replica redirected**

**Explanation** The connection was redirected by the callback routine.

**XTS0108E** **XTS timeout - connect in progress**

**Explanation** A timeout error occurred, but connection is in progress. Submit the call again or increase the timeout value.

**XTS0109E** **XTS invalid session**

**Explanation** An invalid session handle was used by the transport subsystem session calls.

**XTS0110E** **XTS invalid key**

**Explanation** An invalid session handle was used by the transport subsystem session calls.

**XTS0111E** **XTS Count converters failed**

**Explanation** The count of available converter names failed.

**XTS0112E** **XTS Convert enum failed**

**Explanation** The enumeration of text converter names failed.

**XTS0113E** **XTS Buffer too small**

**Explanation** The text conversion buffer is not big enough..

**XTS0114E** **XTS No more ports available**

**Explanation** No replicated server ports are available .

**XTS0115E** **XTS Text converter library load failed**

**Explanation** The load of the transport subsystem converter ending failed.

**XTS0116E** **XTS Text converter resolve failed**

**Explanation** The text converter interface function could not be resolved.

**XTS0117E** **XTS Name to EDDkey map failed**

**Explanation** The ICU converter name to Software GmbH ECS EDD key conversion failed..

**XTS0118E** **XTS XDS library loading failed**

**Explanation** The XDS library used by ADVDIR could not be loaded.

**XTS0119E** **XTS DS access time out error**

**Explanation** A timeout occurred accessing the Directory Server (the default timeout is one minute).

**XTS0120E** **XTS Failed to set ECS environment**

**Explanation** A failure occurred when setting the ECS environment.

**XTS0121E** **XTS Set UDP Port failed**

**Explanation** The UDP port selected by user cannot be used (because it is used by another application).

**XTS0122E** **XTS Sync and async send in raw mode not allowed**

**Explanation** Using synchronous and asynchronous calls on the same channel is not allowed.

**XTS0123E** **XTS Unknown received buffer**

**Explanation** The transport subsystem received an unknown buffer from an application.

**XTS0124E** **XTS Function retired**

**Explanation** The transport subsystem function is not supported any longer.

**XTS0126E** **XTS invalid duplicate server**

**Explanation** This error is generated when the same server is registered again with a different protocol than the one used when it was first registered.

**XTS0127E** **XTS Fatal error**

**Explanation** An internal error occurred, indicating a severe transport subsystem code problem. Contact Customer support.

**XTS0128E** **XTS Load library failed**

**Explanation** The transport subsystem failed to load a library (the log file indicates which one).

**XTS0129E** **XTS Key not found**

**Explanation** The key used to retrieve transport subsystem parameters does not exist.

**XTS0130E** **XTS Xts.Config Key not found**

**Explanation** The key used by the user to retrieve transport subsystem parameters from *xts.config* file does not exist.

**XTS0131E** **XTS No directory information for XTS profile**

**Explanation** The profile is not defined in the Directory Server.

**XTS0132E** **XTS Load function failed**

**Explanation** A failure occurred loading a function (the name of the function and the name of the library are in the log file).

**XTS0150E** **XTS SSL init failed**

**Explanation** The transport subsystem failed to initialize the Secure Sockets Layer (SSL) library. Check the log file for the SSL error messages.

**XTS0151E** **XTS SSL Verify CA locations failed**

**Explanation** The Secure Sockets Layer (SSL) failed to load the CA certificates. Probable causes include an invalid path specification or nonexistent CA certificates.

**XTS0152E** **XTS SSL Certificate file not specified**

**Explanation** No Secure Sockets Layer (SSL) certificate was specified.

**XTS0153E** **XTS SSL Invalid Certificate**

**Explanation** The URL-specified Secure Sockets Layer (SSL) certificate has an invalid format.

**XTS0154E** **XTS SSL Invalid Key File**

**Explanation** The URL-specified Secure Sockets Layer (SSL) key file has an invalid format.

**XTS0155E** **XTS SSL Invalid Key**

**Explanation** The Secure Sockets Layer (SSL) key specified by the user is invalid.

**XTS0156E** **XTS SSL Connect failed**

**Explanation** A Secure Sockets Layer (SSL) connect failed (caused by an SSL handshaking error). Check the log file for the Secure Sockets Layer (SSL) error messages.

**XTS0157E** **XTS SSL Accept failed**

**Explanation** A Secure Sockets Layer (SSL) accept failed (caused by an SSL handshaking error). Check the log file for the SSL error messages.

**XTS0158E** **XTS SSL Read failed**

**Explanation** A Secure Sockets Layer (SSL) read failed. Check the log file for the SSL error messages.

**XTS0159E** **XTS SSL Write failed**

**Explanation** A Secure Sockets Layer (SSL) write failed. Check the log file for the SSL error messages.

**XTS0163E** **XTS SSL Failed loading library**

**Explanation** A failure to load the Secure Sockets Layer (SSL) library occurred. Check the environment.

**XTS0167E** **XTS SSL Illegal host name**

**Explanation** The peer certificate subject name and host name are different, indicating an illegal connection.

**XTS0168E** **XTS SSL No local certificate**

**Explanation** There is no local Secure Sockets Layer (SSL) certificate.

**XTS0169E** **XTS SSL No remote certificate**

**Explanation** There is no local Secure Sockets Layer (SSL) certificate.

**XTS0170E** **XTS SSL insufficient user memory**

**Explanation** There is insufficient user memory for returning the requested data.

**XTS0171E** **XTS SSL certificate rejected**

**Explanation** The certificate was rejected during verification.

**XTS0172E** **XTS SSL zero length message return**

**Explanation** The Secure Sockets Layer (SSL) write or read routines returned an invalid zero value. Contact Customer support.

**XTS0173E** **XTS SSL want read error**

**Explanation** The Secure Sockets Layer (SSL) write routine returned want read error code. Contact Customer support. This is a transport subsystem internal sequence error.

**XTS0174E** **XTS SSL want write error**

**Explanation** The Secure Sockets Layer (SSL) read routine returned want write error code. Contact Customer support. This is a transport subsystem internal sequence error.

**XTS0200E** **DS Open File failed**

**Explanation** A failure to open a file occurred. Check if the file exists and that the path is correct.

**XTS0201E** **DS Incomplete Entry**

**Explanation** A URL syntax error occurred. Check the log file for detailed information.

**XTS0203E** **DS Service not provided**

**Explanation** An invalid Directory Service selection was made.

**XTS0204E** **DS Null parameter**

**Explanation** A Directory Service call was encountered with a null parameter.

**XTS0205E** **DS Incomplete Entry**

**Explanation** An attempt to add an incomplete URL record was made.

**XTS0206E** **DS Topic Not Defined**

**Explanation** The user tried to use a qualifier unknown to the Directory Server.

**XTS0207E** **DS Unknown request**

**Explanation** An unknown XTSDS request was encountered. Check the syntax of the Directory Server call.

**XTS0208E** **DS No Entries**

**Explanation** The Directory Server or configuration file contains no entries for the specified target.

**XTS0209E** **DS Delete Failed**

**Explanation** A Directory Service delete call failed. Check the log file for detailed information.

**XTS0210E** **DS Connection Failed**

**Explanation** Connection to the Directory Server failed.

**XTS0211E** **DS Bind Failed**

**Explanation** Deprecated message.

**XTS0212E** **DS Search Failed**

**Explanation** Retrieve URL command failed.

**XTS0213E** **DS Add Failed**

**Explanation** Addition of a new URL failed.

**XTS0214E** **DS Already Exists**

**Explanation** An attempt was made to add a record that already exists.

**XTS0215E** **DS Failure Loading Service Handler**

**Explanation** A failure occurred loading a directory service. Check the environment. Contact Customer support.

**XTS0216E** **DS Wrong directory parameter**

**Explanation** Unknown directory parameter.

**XTS0217E** **DS not Initialized**

**Explanation** Directory Server was not initialized before usage.

**XTS0218E** **DS Invalid target Name**

**Explanation** The target name contains one of the following characters: "#", ".", "[", "]", "=", "\", "\ ", or "*". The target name is invalid.

**XTS0219E** **DS Incomplete request**

**Explanation** An incomplete XTSDS request was caused by a zero value of the target, qualifier, or user data.

**XTS0220E** **DS No URL entries**

**Explanation** The XTSDS server does not have any URL to return for the retrieve call.

**XTS0221E** **DS XDS error**

**Explanation** An XDS processing error occurred..

**XTS0222E** **DS Rollback is not implemented**

**Explanation** No Directory Service rollback was performed..

**XTS0223E** **DS OVO error**

**Explanation** An OVO error occurred during Directory Service processing.

**XTS0224E** **DS One time set violation**

**Explanation** A one-time setting function was called multiple times. A programs encoding mode cannot change once it is set.

**XTS0225E** **DS Encoding conflict**

**Explanation** The INIDIR file encoding conflicts with programs encoding.

**XTS0226E** **DS Create file failed**

**Explanation** The file creation failed during Directory Service processing..

**XTS0227E** **DS IO file failed**

**Explanation** A file I/O error occurred during Directory Service processing.

**XTS0228E** **DS Wrong file format`**

**Explanation** The INIDIR file format was not recognized.

**XTS0229E** **DS Send buffer bigger than maximum allowed**

**Explanation** An internal transport subsystem error occurred, generated when a URL is added or deleted from the Directory Server and its size exceeds 65520 bytes.

**XTS0230E** **DS Invalid Service**

**Explanation** Invalid type of service used.

**XTS0231E** **DS Invalid Header**

**Explanation** Invalid Directory Service header used for communication.

**XTS1000E** **XTS Unknown error = {code}**

**Explanation** This message is returned by XtsGetMessage when it cannot find text for a given error code.

## Generic TCP/IP Messages

**XTS1001E** **TCP/IP Operation not permitted**

**XTS1002E** **TCP/IP No such file or directory**

**XTS1003E** **TCP/IP No such process**

**XTS1004E** **TCP/IP Interrupted function call**

**XTS1005E** **TCP/IP I/O error**

**XTS1006E** **TCP/IP No such device or address**

**XTS1007E** **TCP/IP Arg list too long**

**XTS1008E** **TCP/IP Exec format error**

**XTS1009E** **TCP/IP Bad file number**

**XTS1010E** **TCP/IP No children**

**XTS1011E** **TCP/IP Operation would cause deadlock**

**XTS1012E** **TCP/IP Not enough core**

**XTS1013E** **TCP/IP Permission denied**

**XTS1014E** **TCP/IP Bad address**

**XTS1015E** **TCP/IP Block device required**

**XTS1016E** **TCP/IP Mount device busy**

**XTS1017E** **TCP/IP File exists**

**XTS1018E** **TCP/IP Cross-device link**

**XTS1019E** **TCP/IP No such device**

**XTS1020E** **TCP/IP Not a directory**

**XTS1021E** **TCP/IP Is a directory**

**XTS1022E** **TCP/IP Invalid argument**

**XTS1023E** **TCP/IP File table overflow**

**XTS1024E** **TCP/IP Too many open sockets**

**XTS1025E** **TCP/IP Inappropriate ioctl for device**

**XTS1026E** **TCP/IP Text file busy**

**XTS1027E** **TCP/IP File too large**

**XTS1028E** **TCP/IP No space left on device**

**XTS1029E** **TCP/IP Illegal seek**

**XTS1030E** **TCP/IP Read-only file system**

**XTS1031E** **TCP/IP Too many links**

**XTS1032E** **TCP/IP Broken pipe**

**XTS1033E** **TCP/IP Argument too large**

**XTS1034E** **TCP/IP Result too large**

**XTS1035E** **TCP/IP Resource temporarily unavailable**

**XTS1036E** **TCP/IP Operation now in progress**

**XTS1037E** **TCP/IP Operation already in progress**

**XTS1038E** **TCP/IP Socket operation on non-socket**

**XTS1039E** **TCP/IP Destination address required**

**XTS1040E** **TCP/IP Message too long**

**XTS1041E** **TCP/IP Protocol wrong type for socket**

**XTS1042E** **TCP/IP Bad protocol option**

**XTS1043E** **TCP/IP Protocol not supported**

**XTS1044E** **TCP/IP Socket type not supported**

**XTS1045E** **TCP/IP Operation not supported**

**XTS1046E** **TCP/IP Protocol Family not supported**

**XTS1047E** **TCP/IP Address family not supported by protocol family**

**XTS1048E** **TCP/IP Address already in use**

**XTS1049E** **TCP/IP Cannot assign requested address**

**XTS1050E** **TCP/IP Network is down**

**XTS1051E** **TCP/IP Network is unreachable**

**XTS1052E** **TCP/IP Network dropped connection on reset**

**XTS1053E** **TCP/IP Software caused connection abort**

**XTS1054E** **TCP/IP Connection reset by peer**

**XTS1055E** **TCP/IP No buffer space available**

**XTS1056E** **TCP/IP Socket is already connected**

**XTS1057E** **TCP/IP Socket is not connected**

**XTS1058E** **TCP/IP Cannot send after socket shutdown**

**XTS1059E** **TCP/IP Too many references**

**XTS1060E** **TCP/IP Connection timed out**

**XTS1061E** **TCP/IP Connection refused**

**XTS1062E** **TCP/IP Too many levels of symbolic links**

**XTS1063E** **TCP/IP File name too long**

**XTS1064E** **TCP/IP Host is down**

**XTS1065E** **TCP/IP No route to host**

**XTS1066E** **TCP/IP Directory not empty**

**XTS1067E** **TCP/IP Too many processes**

**XTS1068E** **TCP/IP Too many users**

**XTS1069E** **TCP/IP Disc quota exceeded**

**XTS1070E** **TCP/IP Stale NFS file handle**

**XTS1071E** **TCP/IP Too many levels of remote in path**

**XTS1072E** **TCP/IP Device not ready**

**XTS1073E** **TCP/IP Write-protected media**

**XTS1074E** **TCP/IP Unformatted media**

**XTS1075E** **TCP/IP No connection**

**XTS1076E** **TCP/IP Old, currently unused AIX errno**

**XTS1077E** **TCP/IP Restart the system call**

**XTS1078E** **TCP/IP Invalid file system control data**

**XTS1079E** **TCP/IP Media surface error**

**XTS1080E** **TCP/IP I/O completed, but needs relocation**

**XTS1081E** **TCP/IP No attribute found**

**XTS1082E** **TCP/IP Out of STREAM resources**

**XTS1083E** **TCP/IP System call timed out**

**XTS1084E** **TCP/IP Next message has wrong type**

**XTS1085E** **TCP/IP Protocol error**

**XTS1086E** **TCP/IP No message on stream read queue**

**XTS1087E** **TCP/IP fd not associated with a stream**

**XTS1088E** **TCP/IP Security authentication denied**

**XTS1089E** **TCP/IP Not a trusted program**

**XTS1090E** **TCP/IP Illegal byte sequence**

**XTS1091E** **TCP/IP Network subsystem is unavailable**

**XTS1092E** **TCP/IP WINSOCK.DLL version out of range**

**XTS1093E** **TCP/IP Successful WSAStartup not yet performed**

**XTS1094E** **TCP/IP Cross mount point (not really error)**

**XTS1095E** **TCP/IP cannot start operation**

**XTS1096E** **TCP/IP Cannot access a needed shared library**

**XTS1097E** **TCP/IP operation (now) in progress**

**XTS1098E** **TCP/IP Lib section in a.out corrupted**

**XTS1099E** **TCP/IP Attempting to link in too many shared libraries**

**XTS1100E** **TCP/IP Cannot exec a shared library directly**

**XTS1101E** **TCP/IP Graceful shutdown in progress**

**XTS1102E** **TCP/IP Streams pipe error**

**XTS1103E** **TCP/IP Structure needs cleaning**

**XTS1104E** **TCP/IP Not a XENIX named tip file**

**XTS1105E** **TCP/IP No XENIX semaphores available**

**XTS1106E** **TCP/IP Is a named type file**

**XTS1107E** **TCP/IP Remote I/O error**

**XTS1108E** **TCP/IP No medium found**

**XTS1109E** **TCP/IP Wrong medium type**

**XTS1111E** **TCP/IP Host not found**

**XTS1112E** **TCP/IP Non-authoritative host not found**

**XTS1113E** **TCP/IP This is a non-recoverable error**

**XTS1114E** **TCP/IP Valid name, no data record of requested type**

**XTS1115E** **TCP/IP Resource unavailable**

**XTS1116E** **TCP/IP Operation canceled**

**XTS1118E** **TCP/IP Disc quota exceeded**

**XTS1119E** **TCP/IP Identifier removed**

**XTS1120E** **TCP/IP Too many open files**

**XTS1122E** **TCP/IP Multihop attempted**

**XTS1123E** **TCP/IP No locks available**

**XTS1124E** **TCP/IP The link has been severed**

**XTS1125E** **TCP/IP No message of the desired type**

**XTS1126E** **TCP/IP Function not supported**

**XTS1127E** **TCP/IP Directory not empty**

**XTS1128E** **TCP/IP Operation not supported**

**XTS1129E** **TCP/IP Value too large to be stored in data**

**XTS1130E** **TCP/IP Stale NFS file handle**

**XTS1131E** **TCP/IP There is no more data available**

**XTS1132E** **TCP/IP The call has been canceled**

**XTS1133E** **TCP/IP Invalid procedure table from service provider**

**XTS1134E** **TCP/IP Invalid service provider version number**

**XTS1135E** **TCP/IP Unable to initialize a service provider**

**XTS1136E** **TCP/IP System call failure**

**XTS1137E** **TCP/IP Service not found**

**XTS1138E** **TCP/IP Type not found**

**XTS1139E** **TCP/IP There is no more data available**

**XTS1140E** **TCP/IP The call has been canceled**

**XTS1141E** **TCP/IP Refused**

**XTS1142E** **TCP/IP Cbannel number out of range**

**XTS1143E** **TCP/IP Level 2 not synchronized**

**XTS1144E** **TCP/IP Level 3 halted**

**XTS1145E** **TCP/IP Level 3 reset**

**XTS1146E** **TCP/IP Link number out of range**

**XTS1147E** **TCP/IP Protocol driver not attached**

**XTS1148E** **TCP/IP No 43 CSI structure available**

**XTS1149E** **TCP/IP Level 2 halted**

**XTS1150E** **TCP/IP Invalid exchange**

**XTS1151E** **TCP/IP Invalid request descriptor**

**XTS1152E** **TCP/IP Exchange full**

**XTS1153E** **TCP/IP No anode**

**XTS1154E** **TCP/IP Invalid request code**

**XTS1155E** **TCP/IP Invalid slot**

**XTS1156E** **TCP/IP File locking deadlock error**

**XTS1157E** **TCP/IP Bad fon file fmt**

**XTS1158E** **TCP/IP Process died with the lock**

**XTS1159E** **TCP/IP Lock is not recoverable**

**XTS1160E** **TCP/IP Machine is not on the network**

**XTS1161E** **TCP/IP Package not installed**

**XTS1162E** **TCP/IP The object is remote**

**XTS1163E** **TCP/IP Advertise error**

**XTS1164E** **TCP/IP Mount error**

**XTS1165E** **TCP/IP Communication error on send**

**XTS1166E** **TCP/IP Locked lock was unmapped**

**XTS1167E** **TCP/IP Name not unique on network**

**XTS1168E** **TCP/IP FD invalid for this operation**

**XTS1169E** **TCP/IP Remote address changed**

# XII Utility Messages and Codes

The Adabas utilities issue return/condition codes, and may also display error messages. This chapter lists, alphabetically by utility, the utility error messages and describes the utility nonzero return codes.

## Utility Error Messages

Utility messages are displayed following a title line showing the utility name. The message line itself is displayed, followed by the same "explanation" and/or "action" information shown in this chapter.

Variable information such as jobname, data set name, return code, abend code, or nucleus response code may occur in the message line or in the text following the actual message. These variables are represented in lowercase as either "xxx...xxx" or as "reason", "nucleus-response", "job-name", "ret-code", and so on. In the actual message these notations are replaced with the actual values. Generally, variables within parentheses ( ) are hexadecimal and those without parentheses are decimal.

When a message includes a nucleus response or abend code, the specific code description identifies the cause. See the description of **nucleus response codes** and **abend codes**.

## Utility Return Codes

When an Adabas utility returns control to the operating system and no abend has occurred, the utility writes a return code in the rightmost positions of general register 15:

| Code | The utility operation ... |
|---|---|
| 0 | was successful. |
| 4 | was successful but encountered a warning condition. |
| 8 | was not successful. |



**Note:** Utilities that terminate with return code 4 write "...terminated with warning" as the last message. This indicates that, although the utility function completed successfully, circumstances may have rendered the result of the function different from that which was expected. The job protocol contains one or more related warning or error messages.

For return codes on z/OS, see the job control language reference manual for job step condition code information.

Depending on the operating system and the utility, the return code can be tested to determine the utility job status:

- A zero return code always indicates successful completion of the utility.
- The meanings of return codes 4 or 8 depend on the utility in operation at the time.

These unsuccessful return code (RC) meanings are described here in alphabetical order by Adabas utility.

### ADACHK Return Codes

**Return Code 0**

**Explanation** ADACHK was successful.

**Return Code 4**

**Explanation** ADACHK was successful but encountered a warning condition.

With the ADACHK utility, a return code of 4 indicates that either the number of unreachable index blocks is greater than zero or any CHK*nnn*W (warning) message was received.

**Return Code 8**

**Explanation** ADACHK encountered an error condition but then continued.

With the ADACHK utility, a return code of 8 indicates that a database inconsistency was encountered.

**Return Code 20**

**Explanation** The function could not be completed.

The operation encountered an error condition but did not terminate abnormally because NOUSERABEND was specified.

## ADACMP Return Codes

**Return Code 4**

**Explanation** One of the following occurred:

- At least one rejected record occurred during processing.
- The utility has processed only the base file of a LOB group (a base file and its associated LOB file) without the associated LOB file.

**Return Code 8**

**Explanation** The utility detected inconsistencies between the files in a LOB group (a base file and its associated LOB file).

## ADADBS Return Codes

**Return Code 4**

**Explanation** One of the following occurred:

- CHANGE, NEWFIELD, or RELEASE: The operation was performed on a component file of an expanded file. The other component files must be processed explicitly.
- MODFCB DATAPFAC: The Data Storage padding factor (DATAPFAC) setting is ignored for files containing spanned records. The following warning will also appear if DATAPFAC is specified for a file that has data storage spanning enabled:

```
 *****DATAPFAC is ignored for files with spanned data storage ↩
enabled******
```

- MODFCB MAXRECL: The MAXRECL must be the same for all component files.
- OPERCOM ADAEND/CANCEL: The Adabas nucleus was not active.
- OPERCOM CLUFREEUSER: One or more otherwise eligible UTEs were not deleted because they were due a response code 9 (ADARSP009), subcode 20, and FORCE was not specified.

- OPERCOM DUQE: The user queue element (UQE) for the specified user ID was not found.
- RESETDIB: The IDENT job name was not found.

**Return Code 8**

**Explanation** One of the following occurred:

- DELETE: The file to be deleted was not found.
- OPERCOM STOPU: The function received an Adabas response code.
- RELEASE: An invalid descriptor name was specified, or the function received an Adabas response code.

## ADADEF Return Codes

**Return Code 4**

**Explanation** NEWWORK: Attempt to write RLOG information or close RLOG data set failed.

## ADAINV Return Codes

**Return Code 4**

**Explanation** One of the following occurred:

- The utility's DIB entry was removed by another user during ADAINV operation.
- (all functions) Attempt to write RLOG information or close RLOG database failed.
- ADAINV was restarted, but at least one of the descriptors to be inverted was already in the index. The index is correct.
- ADAINV INVERT was run on a component file of an expanded file. The other component files must be explicitly inverted.

## ADALOD Return Codes

**Return Code 4**

**Explanation** One of the following occurred:

- More DDEBAND records were available than specified by the NUMREC parameter.
- More DDEBAND records were available than ISNs for those records.
- The utility's DIB entry was removed by another user during ADALOD operation.

- The file to be loaded could not be added to the expanded file chain.
- (all functions) Attempt to write RLOG information or close RLOG data set failed.
- In an UPDATE function, the allocation of a file-specific DLOG extension failed. ADALOD completed the UPDATE function, but marked the whole file as changed; it did not log the Data Storage and address converter RABNs of blocks that were actually changed.
- The utility has processed files in a LOB group (a base file and its corresponding LOB file) that were incorrectly linked to each other or marked as being out-of-sync.
- The utility has been unable to establish or validate the base-to-LOB file linkage in a LOB group because one of the files was locked or otherwise unavailable.
- The utility has been unable to validate the base-to-LOB file consistency in a LOB group because some input records were not loaded due to the use of the SKIPREC/NUMREC parameters.
- The utility has processed a file in a LOB group (a base file and its corresponding LOB file) where Adabas has been unable to track whether the two files in the group have stayed in sync.

**Return Code 8**

**Explanation** One of the following occurred:

- The input records loaded in a file in a LOB group (a base file and its associated LOB file) were unloaded from a file that had been marked as being out-of-sync with the other file.
- The file in a LOB group (a base file and its associated LOB file) that was loaded or updated had a different status with respect to LOB updates than the other file in the LOB group.
- Inconsistencies were detected in a LOB file from which LOB values were to be deleted.

## ADAORD Return Codes

**Return Code 4**

**Explanation** One of the following occurred:

- The utility's DIB entry has been removed by another user during ADAORD operation.
- (all functions) Attempt to write RLOG information or close RLOG data set failed.
- RESTRUCTURE functions: Initialization of RLOG processing failed.
- RESTRUCTUREDB: Attempt to initialize RLOG access failed.
- RESTRUCTUREF: Attempt to initialize RLOG access failed.

- A system file was excluded from ADAORD STORE operation.
- MAXRECL was specified for a component of an expanded file. Ensure that the same MAXRECL is specified for all components.
- Allocation of the DLOG extension failed.
- Nonzero return code received from ADARAC.
- The utility has processed files in a LOB group (a base file and its corresponding LOB file) that were incorrectly linked to each other or marked as being out-of-sync.

## ADARAI Return Codes

**Return Code 4**

**Explanation** ADARAI RECOVER cannot create the job control statements needed for the sequential file used during utility execution. The message "unknown file element" is returned and the RECOVER function completes with return code 4. The generated job control must then be edited. See message ADAR78.

## ADAREP Return Codes

**Return Code 4**

**Explanation** One of the following occurred:

- An overlap of file extents or of file extents and free space extents was detected.
- A gap between file extents or between file extents and free space extents was detected.
- A checkpoint contains an unknown checkpoint type or format.
- The field definition table (FDT) does not exist for the existing file control block (FCB).
- The FCB contains an invalid file number.
- A bad ISN/RABN length indicator was detected in the FCB.
- At least one parent field in the FDT has no corresponding special descriptor table (SDT) field.
- An invalid FDT/SDT length was detected.
- The count of coupled files is greater than 18.
- There are inconsistencies in the expanded file chain.
- The volume serial number could not be identified.
- For a report from an online save tape, either no protection log was specified, an invalid protection log was specified, or an error was encountered while processing the protection log.
- CPLIST or CPEXLIST was specified in conjunction with SAVETAPE.

- FROMDATE, TODATE, FROMSESSION, or TOSESSION was specified without CPLIST or CPEXLIST.
- NOCOUNT was not specified in conjunction with SAVETAPE.
- All components of an expanded file did not have the same MAXRECL.
- The utility has processed files in a LOB group (a base file and its corresponding LOB file) that were incorrectly linked to each other or marked as being out-of-sync.

## ADARES Return Codes

**Return Code 4**

**Explanation** One of the following occurred:

- (all functions) Attempt to write RLOG information or close RLOG data set failed.
- COPY: A block count mismatch occurred.
- PLCOPY: Attempt to initialize RLOG access failed.
- PLCOPY: Attempt to open Adabas nucleus failed with a response code other than zero or 148 (ADARSP148).
- PLCOPY: No protection log data sets are currently at completion. No data will be copied or merged at this time.
- PLCOPY: Warning! The supplied input intermediate data set is empty. This should only happen on the initial run of ADARES. Processing continues.
- COPY/CLCOPY/PLCOPY: No records to be copied.
- COPY/PLCOPY/CLCOPY: The Associator data sets could not be opened; therefore, no checkpoints have been written.
- The point indicated by TOPLOG/TOBLK/TOCP could not be found.
- BACKOUT and REGENERATE: No records to be processed were found.
- REGENERATE found batch utility runs which must first be executed before REGENERATE can complete.
- The parallel participant table (PPT) indicates that there are currently no PLOGs to be copied for this cluster database.
- The parallel participant table (PPT) indicates that there are currently no CLOGs to be copied for this cluster database.
- The utility has processed a file in a LOB group (a base file and its corresponding LOB file) where Adabas has been unable to track whether the two files in the group have stayed in sync.

**Return Code 8**

**Explanation** One of the following occurred:

- (Adabas Delta Save Facility Facility) An error occurred in a PLCOPY or COPY function when processing the delta save images (DSIM) data set. Building the DSIM data set was discontinued. The PLCOPY or COPY function continued normally. RC 8 is also given in all cases where the DSIM data set is necessary but is not available or is not usable.
- REGENERATE or BACKOUT function determined that one or more files in the file list were in an inconsistent state; that is, in load, reorder, refresh, or restore status. Processing continues for all other files in the file list.

**Return Code 16**

**Explanation** An error occurred after the PLCOPY/CLCOPY function successfully closed the DDSIAUS1 or DDSIAUS2 data set. The error message is printed in DDDRUCK.

## ADASAV Return Codes

**Return Code 4**

**Explanation** One of the following occurred:

- (all functions) Attempt to write RLOG information or close RLOG data set failed.
- (Adabas Delta Save Facility Facility) The nucleus returned a response code after ET synchronization at the end of an online save operation, but the online save operation was nevertheless completed successfully. The response code was ignored by ADASAV.
- The utility's DIB entry was removed by another user during ADASAV operation.
- MERGE: Attempt to initialize RLOG access failed.
- REPLICATION FOR FILE file-number IS SWITCHED OFF BECAUSE REPLICATION IS NOT ACTIVE.
- RESTORE (database) or RESTORE GCB: Attempt to initialize RLOG access failed.
- RESTORE could not be performed for a file that was already present because OVERWRITE was not specified.
- RESTONL (database) or RESTONL GCB: Attempt to initialize RLOG access failed.
- SAVE could not be performed on a file that was inaccessible. The file is in load, refresh, reorder, or restore status.
- SAVE FILE: Attempt to initialize RLOG access failed.
- The utility has processed files in a LOB group (a base file and its corresponding LOB file) that were incorrectly linked to each other or marked as being out-of-sync.

**Return Code 16**

**Explanation** (Adabas Delta Save Facility Facility) An error occurred after a full or delta save operation completed successfully.

## ADASEL Return Codes

**Return Code 4**

**Explanation** No records were found matching the selection criterion.

## ADAULD Return Codes

**Return Code 4**

**Explanation** One of the following has occurred:

- No records were found using ADAULD selection criteria/values.
- UNLOAD: Attempt to initialize RLOG access failed.

**Return Code 8**

**Explanation** The nucleus returned a non-zero response code. Depending on the ERRLIM parameter of ADAULD UNLOAD, the function may continue. Unloaded data can be used, but records may be missing depending on the particular response code returned.

## ADAWRK Return Codes

**Return Code 4**

**Explanation** No autorestart information available on Work Part 1

**Return Code 8**

**Explanation** Autorestart will not complete successfully .

**Return Code 20**

**Explanation** This return code is returned instead of an abend when the NOUSERABEND parameter is specified.

# 72 Errors Common to All Utilities

| | |
|---|---|
| **ERROR-001** | **Error occurred during opening input file DDKARTE : {reason}** |
| **Explanation** | The cause is probably a misspelled keyword. |
| **Action** | Check the JCL; correct the error and rerun the job. |

| | |
|---|---|
| **ERROR-002** | **I/O error occurred during read on file DDKARTE : {reason}** |
| **Explanation** | The cause is probably a misspelled keyword. |
| **Action** | Check the JCL; correct the error and rerun the job. |

| | |
|---|---|
| **ERROR-003** | **Parameter error, invalid utility name** |
| **Explanation** | The cause is probably a misspelled keyword. |
| **Action** | Check the parameter input; correct the error and rerun the job. |

| | |
|---|---|
| **ERROR-004** | **Parameter error, missing separator** |
| **Action** | Correct the parameter error or supply the missing separator. Rerun the job. |

| | |
|---|---|
| **ERROR-005** | **Parameter error, invalid syntax** |
| **Action** | Supply the correct parameter value and rerun the job. |

| | |
|---|---|
| **ERROR-006** | **Parameter error, keyword not unique** |
| **Action** | Check the parameter input; supply the correct keyword in full length and rerun the job. |

**ERROR-007** **Parameter error, unknown parameter**

**Explanation** The cause is probably a misspelled keyword.

**Action** Check the parameter input; correct the error and rerun the job.

**ERROR-008** **Parameter error, unknown function**

**Explanation** The cause is probably a misspelled keyword.

**Action** Check the parameter input; correct the error and rerun the job.

**ERROR-009** **Parameter error, too many values in a list**

**Action** Check the parameter input. Supply no more than the maximum number of parameter values permitted, and rerun the job.

**ERROR-010** **Invalid or missing level number**

**Action** See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

**ERROR-011** **Invalid or missing field length**

**Action** See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

**ERROR-012** **Missing `=' (equal sign)**

**Action** See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

**ERROR-013** **Invalid or missing field option**

**Action** See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

**ERROR-014** **Missing `(' (left parenthesis)**

**Action** See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

**ERROR-015** **Missing `)' (right parenthesis)**

**Action** See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

**ERROR-016** **Invalid or missing start position**

**Action** See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

**ERROR-017** **Invalid or missing end position**

**Action** See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

**ERROR-018** **More than one parent for sub-field/descriptor**

**Action** See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

**ERROR-019** **More than 20 parents for super-field/descriptor**

**Action** See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

**ERROR-020** **Only one parent for super-field/descriptor**

**Action** See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

**ERROR-021** **Syntax error, invalid character found**

**Action** See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

**ERROR-022** **Invalid or missing hyperdescriptor exit number or collating exit number**

**Action** See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

**ERROR-023** **No or more than 20 parents for a hyperdescriptor**

**Action** See the ADACMP discussion in the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

**ERROR-024** **Invalid field name**

**Action** See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

**ERROR-025** **Reserved field name used**

**Action** See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

**ERROR-026** **Invalid field format specification**

**Action** See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

**ERROR-027** **Invalid or conflicting field options used**

**Action** See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

**ERROR-028** **Invalid MU/PE repeat factor**

**Action** See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

**ERROR-029** **Multiple function keywords detected**

**Explanation** This utility performs only one function per execution.

**Action** Check the parameter input; correct the error and rerun the job.

**ERROR-030** **Error occurred during execution of open ASSO : {reason}**

**Explanation** The cause is probably incorrect JCL (DDASSOR1, ..., DDASSO99) or an inconsistent database.

**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-031** **Error occurred during execution of read ASSO : {reason} RABN : {nnnn} ({xxxxxxxx})**

**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-032** **Error occurred during execution of write ASSO : {reason} RABN : {nnnn} ({xxxxxxxx})**

**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-033** **Error occurred during execution of close ASSO : {reason}**

**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-034** **Error occurred during execution of open DATA : {reason}**

**Explanation** The cause is probably incorrect JCL (DDDATAR1, ..., DDDATA99) or an inconsistent database.

**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-035** **Error occurred during execution of read DATA : {reason} RABN : {nnnn} ({xxxxxxxx})**

**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-036** **Error occurred during execution of write DATA : {reason} RABN : {nnnn} ({xxxxxxxx})**

**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-037** **Error occurred during execution of close DATA : {reason}**

**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-038** **Error occurred during execution of open WORK : {reason}**

**Explanation** The cause is probably incorrect JCL (DDWORKR1) or an inconsistent database.

**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-039** **Error occurred during execution of read WORK : {reason} RABN : {nnnn} ({xxxxxxxx})**

**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-040** **Error occurred during execution of write WORK : {reason} RABN : {nnnn} ({xxxxxxxx})**
**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-041** **Error occurred during execution of close WORK : {reason}**
**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-042** **Error occurred during execution of open TEMP : {reason}**
**Explanation** The cause is probably incorrect job control (DDTEMPR1).
**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-043** **Error occurred during execution of read TEMP : {reason} RABN : {nnnn} ({xxxxxxxx})**
**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-044** **Error occurred during execution of write TEMP : {reason} RABN : {nnnn} ({xxxxxxxx})**
**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-045** **Error occurred during execution of close TEMP : {reason}**
**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-046** **Error occurred during execution of open SORT : {reason}**
**Explanation** The cause is probably incorrect job control (DDSORTR1 or DDSORTR2).
**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-047** **Error occurred during execution of read SORT : {reason} RABN : {nnnn} ({xxxxxxxx})**
**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-048** **Error occurred during execution of write SORT : {reason} RABN : {nnnn} ({xxxxxxxx})**
**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-049** **Error occurred during execution of close SORT : {reason}**
**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-051** **Error occurred during execution of open {dataset/file} : {reason}**

**Explanation** The cause is probably incorrect JCL.

**Action** The correct JCL must be supplied to the function. Please also ensure that the DEVICE parameter is correct. If this is for a PLCOPY job and the PLOGs to be copied are from a cluster database, the NOPPT parameter should be specified.

If no JCL is supplied or the open fails, the following will be displayed: "The Associator data set(s) could not be opened *nn - return code explanation*." Processing continues.

If you are using mixed devices for different data sets of the database when running the ADACNV utility, you might also specify the PLOGDEV parameter in the ADACNV run.

**ERROR-052** **Error occurred during execution of read {dataset}/{file} : {reason} RABN : {nnnn} ({xxxxxxxx})**

**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-053** **Error occurred during execution of write {dataset/file} : {reason} RABN : {nnnn (xxxxxxxx)}**

**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-054** **Error occurred during execution of close {dataset/file : reason}**

**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-055** **Encoding key value exceeds maximum of 4095**

**Explanation** Valid encoding keys are in the range 1-4095.

**Action** See the Adabas Utilities documentation for a list of valid encoding keys.

**ERROR-057** **Utility function not permitted by Adabas SAF Security**

**Explanation** Adabas is running with the Adabas SAF Security, which has been configured to provide protection at the utility function level (SAFCFG parameter UTI=2) or the utility function/file level (UTI=3). Adabas SAF Security has not permitted the execution of the specified utility function (if UTI=3, on the specified files) by the current user.

**Action** Determine whether the current user ought to be able to execute the specified function (on the specified files) or whether this function should be run by another user (or not at all).

**ERROR-058** **Recover log not available**

**Explanation** The Adabas Recovery Aid is active, but an error occurred when the utility attempted to initialize RLOG data set processing.

**Action** ADARAC returns reason code *rr*: reason text . See also the accompanying ADAR*xx* message.

**ERROR-059** **Error during recovery logging**

**Explanation** The utility was not able to record its operation in the recovery log. The utility continues and will terminate with return code 4.

**Action** ADARAC returns reason code rr: reason text . See also the accompanying ADAR*xx* message.

**ERROR-060** **{blocks}-Extent space allocation failed for file {file-number(s)}**

**Explanation** An attempt to allocate an AC extent of size *blocks* for the file or files specified failed. Probable causes of the failure include

- not enough free space available.
- conflicting XXRABN parameter.
- enough free space available, but not on devices that can satisfy the MAXRECL value for this file.
- only one AC extent permitted.
- If ISNSIZE=3, more than 16,777,215 (X'FF FF FF) ISNs; if ISNSIZE=4, more than 4,294,967,294 (X'FF FF FF FE) ISNs.
- more than 5 extents.

**Action** Correct the error and rerun the job.

**ERROR-062** **For file {filename} the sum of**
**numbers of DATA extents, AC extents, UI extents,**
**and NI extents is too big**
**or DATA extent or AC extent is zero.**
**Check ASSO RABN {rabn}**

**Explanation** A database problem exists. The sum of Data Storage, address converter (AC), and inverted list (UI and NI) extents is too large or the Data Storage or address converter extents are zero.

**Action** Contact you technical support representative for assistance.

**ERROR-064** **Error writing DSST : {response-code}**

**Explanation** The nucleus returned response code "nn" while writing the DSST to the database. The file(s) being accessed remain(s) in an inaccessible state.

**Action** Investigate the cause of the problem; correct the error and rerun the job.

**ERROR-065** **Database ID mismatch: the ADARUN DBID is {dbid-a} but the GCB contains DBID {dbid-b}**

**Explanation** One of the following occurred:

- the wrong database was accessed; or
- an input parameter specified an incorrect database ID.

**Action** Correct the error and rerun the job.

**ERROR-066** **File {file-number} is password protected**

**Explanation** A password-protected file "file-number" cannot be processed without the nucleus. The nucleus is required to access the Adabas security file and to validate the supplied password.

**Action** Start the Adabas nucleus and rerun the job.

**ERROR-067** **Invalid or missing password for file {file-number}**

**Explanation** The requested file "file-number" is password protected.

**Action** Supply the correct password and rerun the job.

**ERROR-068** **Utility communication block overflow**

**Explanation** Too many utilities are running in parallel.

**Action** Inform your database administrator.

**ERROR-069** **Checkpoint block overflow**

**Explanation** The Associator block containing data for checkpoints written offline is filled.

**Action** Start the nucleus to pick up information currently stored in the offline checkpoint area; then rerun the job.

**ERROR-070** **Error writing checkpoint: {response-code}**

**Explanation** The nucleus returned the specified response code while writing a checkpoint.

**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-071** **Invalid value for parameter {parm}. Only values "YES" or "NO" are allowed.**

**Explanation** An invalid parameter value was specified for the parameter named in the message (*parm*). The only valid values are "YES" or "NO".

**Action** Supply the correct parameter value and rerun the job.

**ERROR-072** **Unexpected nucleus response {nucleus-response-code} {subcode}- {description}**

**Explanation** An unexpected nucleus response occurred. The Adabas response code, subcode, and a description of the problem are provided in the message.

For more information about the response code, refer to *Adabas Response Codes* , elsewhere in this guide.

**Action** Note and keep any related error information or output. Inform your DBA. If necessary, contact your technical support representative.

**ERROR-073** **Record too long for output data set**

**Explanation** An attempt was made to write a record to the sequential output data set. The length of the requested record exceeded the maximum record length permitted by the I/O system.

**Action** Inform your database administrator.

**ERROR-074** **{file-number} is an invalid file number**

**Explanation** The supplied file number:

- is zero;
- is greater than the MAXFILES parameter in effect for the database;
- has been duplicated in the file list specified; or
- represents a system file and is greater than 5000.

**Action** Supply a correct file number and rerun the job.

**ERROR-075** **The parameter {parameter} is mutually exclusive to one or more other parameters supplied in the input**

**Explanation** The setting of the specified parameter conflicts with at least one other parameter setting in the related utility job. See the description of the utility syntax in the Adabas Utilities documentation for more information.

**Action** Change or remove one of the mutually exclusive parameter settings, and rerun the job.

**ERROR-076** **Mandatory parameter {parameter} missing**

**Action** Add this parameter and rerun the job.

**ERROR-077** **I/O error during execution of a sequential read on file {ddname} : {reason}**

**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-078** **Error occurred during opening of file {ddname} for output: {reason}**

**Explanation** The cause is probably a misspelling of the DDNAME, incorrect JCL, etc.

**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-079** **Error occurred during closing of output file {ddname} : {reason}**

**Explanation** The cause is probably a misspelling of the DDNAME, incorrect JCL, etc.

**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-080** **Error occurred during execution of write command to file {ddname} : {reason}**

**Explanation** The cause is probably a misspelling of the DDNAME, incorrect JCL, an incorrect record or block size specification, or some similar problem.

**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-081** **Error occurred during opening/closing of input file {ddname} : {reason}**

**Explanation** An error occurred attempting to open or close the input file identified in the message (*ddname*). The reason code (*reason*) for the failure is given in the message. The cause is probably a misspelling of a job control statement name or other JCL error.

**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-084** **GETMAIN error - not enough virtual memory requested**
**length = {count} ({hex-count}) bytes**
**memory gotten = {count} ({hex-count}) bytes**

**Action** Rerun the job in a larger partition/region.

**ERROR-085** **GETMAIN Error - not enough virtual memory**
**Reported by ADAIOR function {fxname}**

**Explanation** A GETMAIN error occurred. There is not enough virtual memory to process the ADAIOR function referenced in the message (*fxname*).

**Action** Rerun the job in a larger partition or region.

**ERROR-086** **Invalid { ASSO | DATA } RABN {nnnn} : {reason}**

**Explanation** This RABN is not defined in the database.

**Action** Check the input parameters; correct the error and rerun the job.

**ERROR-087** **{device} is an unknown disk device type**

**Explanation** An invalid or unknown device type was found during processing.

**Action** Check the input parameters; correct the error and rerun the job.

**ERROR-088** **ADALNK and/or ADANUC not present**

**Explanation** The Adabas installation procedure was not properly executed.

**Action** Inform your database administrator.

**ERROR-089** **Utility not permitted to run**

**Explanation** Another utility has exclusive database control. The table displayed below the message on the terminal screen shows the current contents of the utility communications block. One of the jobs displayed has exclusive database control.

**Action** Wait until that job has ended and retry this function.

**ERROR-090** **Utility not permitted to run; file number {file-number} is locked by another utility**

**Explanation** The table displayed below the message on the terminal screen shows the current contents of the utility communications block. One of the jobs displayed has exclusive file control.

**Action** Wait until that job has ended, and then retry this function.

**ERROR-091** **Utility not permitted to run**

**Explanation** Concurrent jobs are not allowed to run against the database. In this case,

- the nucleus or another utility is active; or
- the nucleus was started with ADARUN READONLY=YES.

**Action** Determine which utility/nucleus is already active. Wait until that utility/nucleus has ended and retry this function. If the nucleus was started with READONLY=YES, shut it down and restart with READONLY=NO.

**ERROR-092** **Utility not permitted to run**

**Explanation** The Adabas nucleus returned response "nn -xxx nucleus response -xxx". The nucleus cannot allow access to the requested file.

**Action** Analyze the **nucleus response code**. Correct the error and rerun the job.

**ERROR-093** **Utility not permitted to run**

**Explanation** Pending autorestart detected.

**Action** Restart the nucleus to perform the autorestart. Perform a shutdown after successful nucleus start if required. Rerun this job.

**ERROR-094** **Utility not permitted to run**

**Explanation** The version of the accessed database conflicts with the version of the active utility. Either the version indicator in the GCBs or the version indicator returned by the Adabas nucleus is not correct. The version indicator found is "version" (the text of the messages supplies the actual version indicator value).

**Action** Correct the database or load library specification and rerun the job.

**ERROR-098** **File {file-number} cannot be processed**

**Explanation** The file comes from a database with a higher version number, and uses features not supported in the current nucleus version.

**Action** It is not possible to process this file using the current version of the Adabas nucleus or utilities.

**ERROR-099** **Internal error at {xxxxxx}+{yyyyyy}**

**Explanation** Register contents at time of error:

| | |
|---|---|
| R0-R3 | xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx |
| R4-R7 | xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx |
| R8-R11 | xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx |
| R12-R15 | xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx |

**Action** Inform your database administrator.

**ERROR-101** **Value for unique descriptor {xx} in file {yy} already present**

**Explanation** Input data is invalid; the specified file *yy* cannot be processed. ISN=*nnnn* DE-VALUE: *llvvvvvvvv* The descriptor value (DE-VALUE) comprises the length of the descriptor value (*ll*) followed by the actual value (*vvvvvvvv*).

**Action** Rerun the utility with unique input data.

**ERROR-102** **An attempt was made to create a 16th index level for file {xxx}**

**Explanation** No more than 15 levels are permitted.

**Action** Rerun this function with a smaller value for ASSOPFAC, the Associator padding factor.

**ERROR-103** **File number {file-number} is not accessible**

**Explanation** One of the following occurred:

- A previous function to LOAD, REFRESH, REORDER, or RESTORE the file was interrupted. It is inconsistent.
- A RESTONL FMOVE function or RESTONL FILE function with parameter ALLOCATION=NOFORCE was interrupted; continuing the function with RESTPLOG is not possible.

**Action** Delete the file or overwrite it using ADAORD STORE or ADASAV RESTORE/RESTONL.

**ERROR-104** **File number {file-number} is already loaded**

**Explanation** The file being accessed is already present in the database.

**Action** Look at the database report. Delete the file or choose another file number, then rerun the job.

**ERROR-105** **File number {file-number} is not loaded**

**Explanation** The file being accessed is not present in the database.

**Action** Check the file number; correct it and rerun the job.

**ERROR-106** **Compressed record too long**

**Explanation** ISN of record = nnnn Length of record = nnn bytes Maximum record length = nnn bytes

The characteristics of the data storage device do not allow such a record to be stored.

**ERROR-107** **The value of the `SORTSIZE' parameter and the size of the SORT dataset do not match.**

**Explanation** The data set is smaller than specified.

**Action** Supply the correct size and rerun the job.

**ERROR-108** **The value of the `TEMPSIZE' parameter and the size of the TEMP dataset do not match.**

**Explanation** The data set is smaller than specified.

**Action** Supply the correct size and rerun the job.

**ERROR-109** **Workpool (LWP) too small**

**Explanation** At least *nnnn*K of space is required. A larger value will increase performance.

**Action** Increase the ADARUN LWP parameter value and rerun the job.

**ERROR-110** **SORT dataset too small**

**Explanation** Sorting may require either a larger DDSORTRn data set size, or two Sort data sets with a SORTSIZE equal to the combined size of both data sets.

**Action** Supply a larger sort data set and increase the appropriate SORTSIZE= parameter. Decreasing the LWP parameter specified with the job might also help. The rules for the sort data set space calculation are described in the Adabas Utilities documentation. Rerun the job using the RESTART parameter.

**ERROR-111** **Invalid value for the parameters MINISN and/or MAXISN**

**Explanation** The MINISN and MAXISN parameter values must satisfy the following expression:

- If the ISNSIZE is 3: 0 < MINISN <= MAXISN < (MINISN + 16,777,215)
- If the ISNSIZE is 4: 0 < MINISN <= MAXISN < (MINISN + 4,294,967,294)

**Action** Supply the correct parameter value and rerun the job.

**ERROR-112** **Function not permitted**

**Explanation** An attempt was made to access an Adabas system file. This is not permitted.

**Action** Correct the error and rerun the job.

**ERROR-113** **Invalid value for the parameter {parameter}**

**Explanation** An invalid value was specified for the parameter named in the message (*parameter*). The only values allowed are YES or NO.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-114** **Invalid value for the parameter ASSOPFAC or DATAPFAC**

**Explanation** The value for a padding factor must be in the range 1 to 90%.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-115** **Invalid value for the parameter MAXRECL**

**Explanation** The value for MAXRECL must be all of the following:

- greater than 4;
- less than or equal to the Work block size minus 94;
- less than or equal to the Data Storage block size minus 4;
- equal to the MAXRECL of the anchor file (for components of expanded files).

**Action** Supply the correct parameter value and rerun the job.

**ERROR-116** **Invalid value for the parameter MAXFILES**

**Explanation** The value for the parameter MAXFILES must meet the following requirements:

- the parameter value must be in the range 3 to "nnnn" where "nnnn" is the Associator block size minus 1.
- the first (MAXFILES*5)+30 blocks must fit into the first Associator extent.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-117** **Parallel usage of {dataset-name} dataset**

**Explanation** *data-set-name* RABN *rabn-number (value)* was overwritten by another utility.

**Action** Rerun the job, and avoid parallel usage of the "data-set-name" data set.

**ERROR-118** **The maximum record length of the {ddname} dataset is not large enough to accommodate the record length of the input file.**

**Explanation** The maximum record length (MAXRECL) of the file identified in the message (*ddname*) is not long enough for the data intended to be written to it.

**Action** Correct the MAXRECL setting of the data set so it is equal to or larger than the maximum record length of the records being input. Then resubmit the job.

**ERROR-120** **Invalid value for parameter `ISNSIZE'**

**Explanation** Either 3 or 4 may be specified for this parameter.

**Action** Check the parameter input; correct any errors, then rerun the job.

**ERROR-242** **Invalid FILE number specified for auditing**

**Explanation** The ADADBS AUDITING function is only valid for files participating in auditing (are included in an ADAANP FILE group).

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-243** **The specified FILE was already {active|inactive}**

**Explanation** The database detected the file identified in the message was already active or inactive.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-245** **AUDITSERVER function only allowed for use with the Audit Server**

**Explanation** The ADADBS AUDITSERVER function is only valid for an Audit Server.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-246** **The specified destination {destination} was not found**

**Explanation** The destination identified in the message is not defined to the Audit Server.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-247** **The specified subscription {subscription} was not found**

**Explanation** The subscription identified in the message is not defined to the Audit Server.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-248** **The specified destination {destination} was already {active|inactive}**

**Explanation** The Audit Server detected the destination identified in the message was already active or inactive.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-249** **The specified subscription {subscription} was already {active|inactive}**

**Explanation** The Audit Server detected the subscription identified in the message was already active or inactive.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-250** **Missing parameter: DESTINATION required**

**Explanation** ADADBS detected that the required parameter `DESTINATION` was missing.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-251** **Missing parameter: DESTINATION or SUBSCRIPTION required**

**Explanation** ADADBS detected that the required parameter `DESTINATION` or `SUBSCRIPTION` was missing.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-252** **SUBSCRIPTION parameter not allowed for OPEN or CLOSE: only DESTINATION**

**Explanation** ADADBS detected invalid parameter SUBSCRIPTION with OPEN or CLOSE.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-253** **The specified subscription {subscription} was not {activated|deactivated}**

**Explanation** The Audit Server detected an unexpected response code from an attempt to activate or deactivate the subscription identified in the message.

**Action** Investigate the cause of the error. Correct it and rerun the job. If the cause of the error cannot be determined, contact your technical support representative.

**ERROR-254** **Auditing not active for Adabas**

**Explanation** The database is not an auditing database (`ADARUN AUDITING=YES`).

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-255** **NUCID specified for a non-cluster Adabas DBID**

**Explanation** The `NUCID=` parameter was specified for a non-cluster Adabas database.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-257** **{CLOSE | OPEN} failed for specified destination {destination}**

**Explanation** ADADBS detected that the Audit Server could not CLOSE or OPEN the destination identified in the message.

**Action** Investigate the cause of the error. The Audit Server job log will provide more details on why the request failed.

**ERROR-258** **The specified destination {destination} cannot be activated.Data still exists on the SLOG system file for this inactive destination.**

**Explanation** An attempt was made to activate the destination identified in the message while items for the destination still exist on the SLOG system file from the last time it was active.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-259** **The specified destination {destination} was already {open|closed}**

**Explanation** The Audit Server detected the destination identified in the message was already open or closed for all tasks.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-260** **The specified destination {destination} was not {activated|deactivated}**

**Explanation** The Audit Server detected an unexpected response code from an attempt to activate or deactivate the destination identified in the message.

**Action** Investigate the cause of the error. Correct it and rerun the job. If the cause of the error cannot be determined, contact your technical support representative.

# 73 ADACDC Utility Messages

**ERROR-121** **Open failed for {filename} file**

**Explanation** ADACDC attempted to open the file *filename* but the open failed. Processing cannot continue with this file; utility execution is terminated.

**Action** Provide the missing file in the ADACDC job.

**ERROR-122** **Read error for {filename} file**

**Explanation** An error occurred reading the file *filename*; utility execution is terminated. This error generally occurs when the format of the file indicated is not valid.

**Action** Ensure that the file in question has a valid format as specified in the ADACDC documentation. In addition, check any special considerations for the operating system where the utility is being executed.

**ERROR-123** **Write error for {filename} file**

**Explanation** An error occurred writing to the file *filename*; utility execution is terminated. This error normally occurs when the output file is full, but it may also occur when the format of the file indicated is not valid.

**Action** If the file is full, increase the size of the file and rerun the job. Otherwise, ensure that the file in question has a valid format as specified in the ADACDC documentation. In addition, check any special considerations for the operating system where the utility is being executed.

**ERROR-124** **Unable to write data to {filename} file**

**Explanation** The ADACDC utility was not able to write data to the file *filename* because the amount of data to be written exceeded the maximum data that could be written to this file. Additional input in the message indicates the length of data that was to be written and the maximum data that can be written to the file.

**Action** Increase the block size on the file to accommodate the largest record that may be written to the file.

**ERROR-125** **Invalid transaction file `CDCTXI'**

**Explanation** The ADACDC utility opened the CDCTXI file and successfully read the first record; however, the first record is not a transaction file record produced by the ADACDC utility.

**Action** Supply a valid input transaction file to the utility or specify the RESETTXF so that the CDCTXI specification is ignored if the file name is correct.

**ERROR-126** **Inconsistent PLOG input provided: current DBID={olddbid} PLOG={oldplog} BLOCK={oldblock} received DBID={newdbid} PLOG={newplog} BLOCK={newblock} PLOGS provided to ADACDC must be in sequence**

**Explanation** The ADACDC utility encountered inconsistent input while processing the input PLOG data. It was expecting the next block based on the values *olddbid*, *oldplog*, and *oldblock*, but found that the next block to be processed was *newdbid*, *newplog*, and *newblock*. This can occur if

- a PLOG is encountered that was produced by a different database ID;
- *newplog* and *oldplog* are the same, but *newblock* is not 1 more than *oldblock*, or *newplog* is less than *oldplog*.

**Action** PLOGs must be provided to the ADACDC utility in the chronological order in which they were created. Provide the PLOG input in the correct chronological order. If this has occurred due to information on the input transaction file and you still wish to process the PLOGs provided, specify the RESETTXF option.

**WARNING-127** **Conversion error, Response Code=55.**
**Length error decompressing field file={file} ISN={isn} fieldname={name} PE-INDEX={peindex}**
**The record for the ISN will be written with a flag indicating that the record was not decompressed successfully.**
**This occurs when the decompressed value for the field is longer than the default length for the field in the FDT. Data can legally be written longer than this value or the FDT definition may have changed.**

**Explanation** An error occurred while decompressing a record (on file *file* for ISN number *isn*, field name *name*, and PE Index *peindex*) before writing it to the primary output file. The record cannot be decompressed. This can occur if

- the FDT for a file has changed; or
- a data area longer than the default for the field in the FDT has been written, which can legally occur.

The record is written with an indication that decompression failed.

**Action** If the FDT has changed, the record cannot be decompressed unless the FDT is changed back. If the record(s) being written are longer than the default value for the field in the FDT, either increase the default value to accommodate the larger field sizes or avoid writing fields longer than the default value.

**WARNING-128** **Input transaction file is empty**

**Explanation** The CDCTXI file was successfully opened but was empty; no transaction information is available.

**Action** If you are aware that the input transaction file is empty, you can ignore this warning; however, if you expect the input transaction file to contain some data, you need to determine why ADACDC is seeing an empty file.

**ERROR-129** **{value} invalid for PHASE parameter**

**Explanation** The *value* specified for the PHASE parameter is invalid.

**Action** Specify "1", "2", or "BOTH", as appropriate.

**WARNING-130** **FDT for file {file} not found**

**Explanation** A data record is decompressed before writing to the primary output file. Before the record can be decompressed, the FDT for the file *file* must exist in the database. In this case, the FDT was not found; so the record could not be decompressed. Processing for the file is disabled after this message is issued.

**Action** Make the FDT for the file available again in the database and rerun the job with FILE=file to process the records for the file in question.

**ERROR-131** **Database ID mismatch ADARUN DBID={rundbid}, extract file DBID={extdbid}**

**Explanation** The first record was read from the extract file provided for a phase 2 execution of the ADACDC utility. This record indicates that the extract file was generated for the *extdbid* database; however, the ADARUN DBID is *rundbid*.

**Action** Run the phase 2 job using the correct database.

**WARNING-132** **Inconsistent NOET specification transaction data on CDCTXI ignored**

**Explanation** ADACDC detected that NOET was specified on the previous run of ADACDC, but not on this run-or vice versa. Changing the NOET parameter between runs renders the data on the transaction file redundant; therefore, this data is ignored.

**Action** If this is expected, the message may be ignored. If it is not expected, you should determine why the ADACDC utility is being run with different options.

**WARNING-133** **Decompressed record too long. Response Code=53**
**Length error decompressing entire record file={file} ISN={isn}**
**The record for the ISN will be written with a flag indicating that the record was not decompressed successfully.**
**This will occur when the maximum length available on the CDCEXT/CDCOUT output file is insufficient to contain the decompressed record. Increase the maximum record length for the output file.**

**Explanation** Before writing the ISN (*isn*) for the file (*file*) to the primary output data set, an attempt was made to decompress the data. This attempt failed because the maximum length of output that can be written to the primary output data set is not large enough to accommodate the decompressed record. The record is written to the primary output data set with an indicator in the CDCO/CDCH header that the record is still in compressed format.

**Action** Increase the block size of the primary output data set. If the data record requires more than 32K when decompressed, it cannot be supported by the ADACDC utility.

**WARNING-134** **Error occurred during the data decompression for File={file}, ISN={isn}, SeqNumber={seqnum.}**
**RC={rc}, ResponseCode={rspcode}, ResponseSubcode={subcode} was given from the decompression routine.**
**Report this to your DBA.**
**The record will be written with a flag 'Still compressed'.**

**Explanation** A decompression error occurred while decompressing the data record for the unique sequential number *seqnum* for ISN *isn* on file *file* prior to output to the primary output data set. The return code (*rc*), response code (*rspcode*), and subcode (*subcode*) are given in the message. The record is written to the primary output data set with an indicator in the CDCO/CDCH header that the record is still in compressed format.

**Action** Report the error to your DBA.

**ERROR-135** **Error limit exceeded**

**Explanation** The error limit is exceeded if the combined number of WARNING-127, WARNING-133, or WARNING-134 messages exceeds 99. This error generally indicates a fundamental problem with FDT definition(s) that should be corrected.

**Action** Correct the reason for some or all of the warning messages and rerun the job.

**WARNING-136** **PLOG(S) may be missing current={currplog} next=nextplog**

**Explanation** While reading the input PLOGs, ADACDC detected that the PLOG number jumped from *currplog* to *nextplog* indicating that PLOG numbers in between may have been skipped.

This can legally occur during online saves because they increase the session number without the PLOG number being changed. This causes the next PLOG started to use a number more than 1 greater than the previous PLOG.

If that does not explain the difference, verify that all appropriate PLOGs for the database have been provided in sequence.

**ERROR-137** **PLOG {plognumber} not of current version**

**Explanation** PLOGS of earlier Adabas versions cannot be handled by this version of ADACDC.

**Action** Use the ADACDC from the load library of the appropriate version.

**ERROR-138** **PLOG {plognumber} was produced by a cluster nucleus session and has not been merged yet**

**Explanation** The protection log (PLOG) was created by an Adabas cluster nucleus and has not yet been merged with other PLOGs using an ADARES PLCOPY procedure.

**Action** Use the ADARES PLCOPY function before extracting data using ADACDC.

**WARNING-142** **IGNORESPANNED parameter specified, Spanned record has been skipped**

**Explanation** The IGNORESPANNED parameter was supplied. All spanned records found in the PLOG will be ignored.

**Action** If processing spanned records is required, omit the IGNORESPANNED parameter and rerun the ADACDC job. Otherwise, no action is required for this informational message.

**WARNING-143** **Secondary spanned segment without associated primary spanned segment encountered for File = {file}, Primary ISN = {isn}, SeqNumber = {seqnum}. Such spanned record cannot be decompressed.**
**The record will be written with a flag 'Still compressed'.**

**Explanation** A standalone secondary segment (that is, a secondary segment without a primary segment) of the spanned record identified with the unique sequential number *seqnum* for primary ISN *isn* on file *file* was encountered in the protection log (PLOG). This segment cannot be decompressed. The record is written to the primary output data set with an indicator in the CDCH header that the record is still in compressed format.

**Action** No action is required for this informational message. Probably Adabas was started with the ADARUN nucleus parameter SRLOG=UPD, which instructs the nucleus to write to the PLOG only modified spanned record segments. If it is necessary to include all spanned PLOG records into ADACDC processing, restart the Adabas nucleus after changing the ADARUN SRLOG parameter to ALL or PART.

**ERROR-144** **ISN chain for spanned record is not intact.**
**File={file}, Primary ISN = {isn}, SeqNumber = {seqnum}.**
**Report this to your DBA.**

**Explanation** The primary and secondary segments of a spanned record are connected using their ISNs. A secondary segment was found in the PLOG with a different ISN from what was expected.

**Action** Report this problem to your DBA.

**ERROR-145** **Length of compressed spanned record exceeds the maximum PLOG/TXI record length multiplied by SEGLFAC value.**
**File = {file}, Primary ISN = {isn}, SeqNumber = {seqnum}.**
**Report this to your DBA.**

**Explanation** The length of the buffer for assembling spanned records is not large enough to contain the complete spanned record.

**Action** Report this problem to your DBA.

**ERROR-146** **Number of segments in spanned record exceeds SEGLFAC value.**
**File = {file}, Primary ISN = {isn}, SeqNumber = {seqnum}.**
**Report this to your DBA.**

**Explanation** The number of segments of a spanned record exceeds the SEGLFAC value (maximum number of spanned record segments allowed in one spanned record).

**Action** Report this problem to your DBA.

**ERROR-147** **MAXLOGRECLEN value less than minimum.**
**Must be at least 32768 bytes.**

**Explanation** The value specified for the MAXLOGRECLEN parameter is too small. Valid values must be at least 32768 bytes.

**Action** Correct the parameter value and rerun the job.

**ERROR-149** **The DST parameter also requires the TZ parameter.**

**Explanation** If you specify the DST parameter, you must also specify a valid TZ parameter.

**Action** Supply the correct parameter values and rerun the job.

**WARNING-150** **TZ parameter not defined for utility run.**
**Field(s) with TZ option from file {fnr} are presented in UTC format.**

**Explanation** If you do not specify the TZ parameter, values of date-time fields with TZ option are not converted to local time but left in UTC format.

**Action** Supply the TZ parameter for the desired local time or set `TZ='Etc/UTC'` (to avoid the warning message) and rerun the job.

**ERROR-151** **The time zone specified by the TZ parameter is invalid.**
**Response subcode is {nn}.**
**Report this to your DBA.**
**Subcode significance:**
**Subcode 31 - Timezone not found**
**Subcode 32 - Timezone pool full**
**Subcode 33 - Open error on DD:TZINFO(member)**
**Subcode 34 - I/O error on DD:TZINFO(member)**
**Subcode 35 - Invalid TZINFO file contents**
**Subcode 36 - Inv. transition time in TZ file**

**Explanation** The specified timezone could not be processed.

**Action** Depending on the subcode, verify that the correct timezone was specified, that TZINFO assigns to the Timezone library (ADA*vrs*.TZ00) and that the timezone file is unmodified. Supply the correct parameter values and rerun the job.

If the error cannot be solved, contact your technical support representative for assistance.

**ERROR-152** **Problem encountered attempting to invoke the external sort routine, Return Code = {rc} {ior-rc}=RC from IOR**

**Explanation** An error occurred during an attempt to invoke the external sort routine. The return code (*rc*) and IOR return code (*ior-rc*) are given in the message.

**Action** Investigate the return code to determine why the problem occurred. Make appropriate corrections and rerun the job.

# 74 ADACHK Utility CHK* Messages

**CHK001I** **ASSO block {nnn} (x'{xxxxxxx}') - FCB of file {x}.**

**Print ASSO block {nnn} (x'{xxxxxxx}') thru {nnn2} (x'{xxxxxxxx}') .**

**Explanation** This message provides the ASSO block number (*nnn*), its hexadecimal value (*xxxxxx*) and, possibly, the file number (*x*) being processed by ADACHK. An alternate version of this message provides a range of block numbers (with hexadecimal values) being printed.

**Action** No action is required for this informational message.

**CHK002I** **Dump ASSO block {nnn} (x'{xxxxxxx}') [thru {nnn2} (x'{xxxxxxxx}')].**

**Explanation** This message provides the ASSO block number (*nnn*) and its hexadecimal value (*xxxxxxx*) being dumped by ADACHK. An alternate version of this message provides a range of block numbers (with hexadecimal values) being dumped.

**Action** No action is required for this informational message.

**CHK003I** **File {fn} is an ADABAS system file. Print it in dump format only.**

**Explanation** File *fn* is a system file. Therefore it will not be printed in interpreted format.

**Action** No action is required for this informational message.

**CHK006I** **Errors in {function} are detected. {Structure} will be printed in dump format.**

**Explanation** Errors in the function were detected and the structure in error will not be printed in interpreted format.

**Action** No action is required for this informational message.

**CHK007I** **{rabn type} RABN {nn} (x'{xxxxxxx}') is {status}**

**{rabn type} RABN {nn} (x'{xxxxxxx}') - {nn} (x'{xxxxxxx}') are {status}**

**Explanation** The RABN type (FST, DSST, PPT) is empty or unused.

**Action** No action is required for this informational message.

**CHK008I** **Errors in {function} are detected. {Function2} function cannot be executed/printed.**

**Explanation** Due to errors in function *function*, *function2* could not be executed or printed.

**Action** No action is required for this informational message.

**CHK009I** **GCB contains error(s). GCB will be printed in dump format.**

**Explanation** Errors were found validating the GCB. The GCB will be printed in dump format.

**Action** No action is required for this informational message.

**CHK011I** **No records loaded in {fn}.**

**Explanation** The specified file has no records loaded.

**Action** No action is required for this informational message.

**CHK012I** **The Adabas nucleus is currently down and a pending autorestart has been detected. Any errors reported after this point may be transient and may be repaired with the autorestart.**

**Explanation** This warning is returned when ADACHK receives a response code 148 (ADARSP148) on a call to the nucleus and detects that there is still a DIB entry, indicating a pending autorestart. It is possible that errors reported prior to this message can also be related to the autorestart, depending on the timing and when ADACHK detects the nucleus status change.

**Action** If any errors are reported, to be sure they are real (and not due to the autorestart), clear the autorestart or restart the nucleus. Otherwise, no action is required for this informational message.

**CHK014W** **WARNING: Records from ciphered file {fn} cannot be checked/printed without code. Please supply correct cipher code.**

**Explanation** The ciphered file cannot be checked or printed without the cipher code.

**Action** Specify the correct cipher code and rerun the job.

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|---|---|
| **CHK015I** | **Error while reading {struct}** |
| **Explanation** | An error was encountered while reading the structure (*struct*) listed in the message. |
| **Action** | No action is required for this informational message. Review additional messages produced with this message for more information. |

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| **CHK016I** | **DATA RABN {rabn} (x'{xxxxxxxx}') contains error(s). It has been skipped from further processing .** |
| **Explanation** | The Data Storage RABN listed in the message has errors and is being skipped from further processing. |
| **Action** | No action is required for this informational message. Additional messages may also be produced; review any additional messages for more information. |

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| **CHK017I** | **No nucleus verification calls were made.** |
| **Explanation** | This message displays when no nucleus calls are made. |
| **Action** | No action is required for this informational message. |

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| **CHK021I** | **ISNs greater or equal to the first unused ISN = {nnn} (x'{xxxxx}') were omitted.** |
| **Explanation** | A range of ISNs was specified and any ISN greater than or equal to the first unused ISN was omitted. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **CHK022I** | **ISNs less or equal to the start ISN = {nnn} (x'{xxxxx}') were omitted.** |
| **Explanation** | A range of ISNs was specified and any ISN less or equal to the start ISN was omitted. |
| **Action** | No action is required for this informational message. |

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|---|---|
| **CHK023I** | **Further checks of file were skipped.** |
| **Explanation** | : Due to another error, further checking on this file is terminated. |
| **Action** | No action is required for this informational message. Review additional messages produced with this message for more information. |

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| **CHK024I** | **Spanned record with primary ISN {isn} (x'{xxxxxxxx}') from DS RABN {rabn} (x'{xxxxxxxx}') cannot be assembled because of error(s) printed above. This record is skipped from further processing.** |
| **Explanation** | Due to the additional error printed, the spanned data storage record could not be assembled. |
| **Action** | No action is required for this informational message. Review accompanying messages for more information and suggested actions. |

**CHK025I** **The Adabas nucleus is currently {state}.**

**Explanation** This messages is issued when the nucleus changes states. Possible values for *state* in the message include "ACTIVE", "INACTIVE", "READONLY", and "DOWN WITH DIB ENTRY".

**Action** No action is required for this informational message.

**CHK026I** **The MAXCALLS parameter limit has been exceeded for file {nn}. Therefore, no further nucleus calls will be made to ensure that errors are real. Any errors reported after this point may be due to concurrent updates. To distinguish persistent errors from transient errors, please run with a higher MAXCALLS parameter or wait for less activity on the file.**

**Explanation** This warning message is received when the MAXCALLS limit has been reached. The file number (*nn*) is given in the message.

**Action** Increase the size of your MAXCALLS parameter setting to distinguish persistent errors from transient errors. If that does not work, wait for less activity on the file.

**CHK121E** **ERROR: Invalid LA or SP call detected by the nucleus.**

**Explanation** The LA or SP call issued to the Adabas nucleus was not recognized or returns an invalid response code.

**Action** Contact your technical support representative for assistance.

**CHK122E** **ERROR: ISN size in FCB is not equal to 3 or 4 bytes or expected sum (ISN size + RABN size) mismatch with the current. Current ISN size in FCB is {xxx}.**

**Explanation** An ISN size problem was encountered.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK123E** **ERROR: {nnnnn} in FCB (offset x'{xxxx}') is invalid. Reasons: {rsns}**

**Explanation** The value (*nnnnn*) in the FCB is invalid. The reasons (*rsns*) are given in the message. Possible reasons are:

- Number of *type* extents should not be zero.
- Offset to *type* extents should not be zero or greater than ASSO block length.
- Inconsistent offset and number. If one is zero, then other should also be zero.
- First *type* RABN is greater than last *type* RABN.
- First unused *type* RABN should be in the range from first *type* RABN to last *type* RABN + 1.
- First *type* RABN - *nnn* (x'*xxxx*')
- Last *type* RABN - *nnn* (x'*xxxxx*')
- First unused *type* RABN - *nnn*x'*xxxxx*')

- Offset to *type* extents - x'*xx*'
- Number of *type* extents - x'*xx*'

**Action** Review the reasons supplied with this message to determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK124E** **ERROR: {AC | AC2} ISN = {isn} (x'{xxxx}') found in DS RABN = {rabn} is greater than or equal to the first actual unused {AC | AC2} ISN = {isn2} (x'{xxxx}') Offset to record in DS block - x'{xx}' May be that value of first unused {AC | AC2} ISN in FCB is incorrect.**

**Explanation** The ISN found in a Data Storage record is greater than or equal to the first unused ISN in the address converter (AC) or the ISN found in a spanned Data Storage record is greater than or equal to the first unused ISN in the secondary address converter (AC2).

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK125E** **ERROR: FDT length {nnnnn} (x'{xxxx}') in FCB does not match with the actual FDT length {nnnnn} (x'{xxxx}').**

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK126E** **ERROR: Invalid block length x'{xxxxxx}' in DS RABN {rabn} (x'{xxxxxx}').**

**Explanation** The block length field contains either a negative value or a number larger than the physical block size.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK127E** **ERROR: The total length of processed records in DS RABN {rabn} (x'{xxxx}') exceeds the block length minus 4. Offset to current processed record in DS block - x'{xxxxx'}.**

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK128E** **ERROR: Invalid record length x'{xxxxxxxx}' was found in DS RABN {rabn} (x'{xxxx}'). Offset to record in DS block - x'{xxxxxxxx}' . The sum of all record lengths in the DS-Block is not equal to the BLOCKLENGTH minus 4.' .**

**Explanation** The record length is negative, zero, or greater than the permitted maximum length (set by the MAXRECL parameter).

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK129E** **ERROR: Invalid ISN equal to {nnnn} (x'{xxxx}') was found in DS RABN {rabn} (x'{xxxxxxxx}'). Offset to record in DS block - x'{xxxx}'.**

**Explanation** The ISN shown in the message (*nnnn*) was not found in the Data Storage block.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK130E** **ERROR: Spanned record with ISN = {isn} (x'{xxxxxxxx}') in DS RABN {rabn} (x'{xxxxxxxx}') contains inconsistencies.**
**{rsns}**
**Offset to record in DS block - x'{xxxx}'.**

**Explanation** The header of the primary or secondary spanned Data Storage record associated with the ISN specified in the message contains invalid or inconsistent data. The message includes one of the following reasons (rsns) for the error:

- 'ISN of this spanned record' field is zero or exceeds the maximum possible ISN.
- A spanned DS record must be either a primary or a secondary record. Both are not permitted.
- A spanned DS record must be either a primary or a secondary record. Neither is not permitted.
- 'Primary ISN' field is zero or exceeds the maximum possible ISN.
- 'Primary ISN' field is equal or greater than the First Unused ISN.
- 'Next ISN' field exceeds the maximum possible ISN.
- 'Next ISN' field is equal or greater than the First Unused AC2 ISN.

**Action** Review the reasons supplied with this message to determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK131E** **ERROR: Primary spanned record with ISN = {nnnn} (x'{xxxxxxxx}') in DS RABN {rabn} (x'{xxxxxxxx}') contains inconsistencies.**
**{rsns}**
**Offset to record in DS block - x'{xxxx}'.**

**Explanation** The header of the primary spanned Data Storage record associated with the ISN specified in the message contains invalid or inconsistent data. The message includes one of the following reasons (rsns) for the error:

- 'ISN of this record' and 'Primary ISN' fields should be the same.
- 'Next ISN' field is zero.

**Action** Review the reasons supplied with this message to determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

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|---|---|
| **CHK132E** | **ERROR: Invalid ISN number {nnnn} (x'{xxxxxxxx}') was found in DS RABN {rabn} (x'{xxxxxxxx}'). ISN exceeds the maximum possible ISN. Offset to record in DS block - x{xx}'.** |
| **Explanation** | The ISN number listed in the message (*nnnn*) and found in the Data Storage RABN listed in the message exceeds the maximum possible ISN. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK133E** | **ERROR: Duplicate AC/AC2 ISN = {nnnn} (x'{xx}') was found in DS RABN {rabn} (x'{xxxxxxxx}'). Offset to record 1 in DS block - x'{xxxx}'. Offset to record 2 in DS block - x'{xxxx}'.** |
| **Explanation** | Duplicate ISNs within on Data Storage block were found. ISNs must be unique. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK134E** | **ERROR: The FSTTO value is less than FSTFROM. Offset to incorrect FST element is x'{xx}'.** |
| **Explanation** | An error was encountered in the free space table (FST). |
| **Action** | Repair the FST using Adabas Online System or the ADADBS RECOVER utility function. |

| | |
|---|---|
| **CHK135E** | **ERROR: The FST element count is invalid. Current value is {nnnn}.** |
| **Explanation** | An error was encountered in the free space table (FST). |
| **Action** | Repair the FST using Adabas Online System or the ADADBS RECOVER utility function. |

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|---|---|
| **CHK136E** | **ERROR: Free Space Table is not sorted, run RECOVER.** |
| **Explanation** | An error was encountered in the free space table (FST). |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK137E** | **ERROR: The FSTTYPE is invalid. Current value is x'{xxxx}'. Offset to incorrect FST element is x'{xx}'.** |
| **Explanation** | An error was encountered in the free space table (FST). |
| **Action** | Repair the FST using Adabas Online System or the ADADBS RECOVER utility function. |

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|---|---|
| **CHK138E** | **ERROR: Error while reading the last {ASSO\|DATA} RABN {rabn}.** |
| **Explanation** | A error was encountered reading the last Associator or Data Storage RABN shown in the message (*rabn*). |
| **Action** | Use the ADAREP utility to check the database RABN allocations and correct them, as necessary. |

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|---|---|
| **CHK139E** | **ERROR: {ASSO\|DATA} extents are not in ascending order.** |
| **Explanation** | The Associator or Data Storage extents are not in ascending order. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK140E** | **ERROR: {ASSO\|DATA} extent descriptions do not fit into GCB2.** |
| **Explanation** | The length of all of the extent descriptions (Associator, Data Storage, and DSST) exceed the block length. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK141I** | **ADACHK reestablishing communication with nucleus after a RSP-22.** |
| **Explanation** | This message is issued when ADACHK gets a response code 22 (ADARSP022) back from a privileged call. This usually happens when the nucleus is restarted while ADACHK is active. |
| **Action** | No action is required for this informational message. |

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|---|---|
| **CHK142I** | **ADACHK is unable to verify the following error with the nucleus due to an unexpected nucleus response {nnn}.** |
| **Explanation** | This warning message indicates that an error could not be verified with the nucleus; the response code is given in the message (*nnn*). |
| **Action** | Investigate the cause of the error, based on the information provided for the response code. Correct the error and rerun the job. If the problem persists, contact your Software GmbH technical support representative for assistance. |

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|---|---|
| **CHK143E** | **ERROR: FDT with length x'{xxxx}' does not fit into the FDT RABNs. First FDT RABN in FCB – {rabn1}. Last FDT RABN in FCB – {rabn2}.** |
| **Explanation** | An FDT error occurred. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

**CHK144E** **ERROR: Length of PPT entry in RABN {rabn} at offset x'{xxxx}' is invalid. Current value is x'{xxxx}'.**

**Explanation** The length of the PPT entry exceeds the highest length allowed or is less than the lowest possible length.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK145E** **ERROR: PPTID in RABN {rabn} at offset x'{xx}' is invalid. Current value is x'{xxxx}'.**

**Explanation** A PPT error occurred.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK146E** **ERROR: RABN {rabn} (x'{xxxxxxxx}') outside type{ASSO|DATA|MI|NI|UI} extents was found in type {{MI}|{UI}} element. RABN contained incorrect type {{MI}|{UI}} element is {n} (x'{xxxx}'). Offset to incorrect {type} element is x'{xxxx}'.**

**ERROR: RABN {rabn} (x'{xxxxxxxx}') outside type {ASSO|DATA|MI|NI|UI} extents. Offset to RABN in FCB - x'{xxxx}', {rsn}**

**Explanation** An RABN error occurred. In one version of this message, a reason is supplied. Possible reasons include:

- First AC RABN
- First AC2 RABN
- First DATA RABN
- First FDT RABN
- First NI RABN
- First reusable NI RABN
- First reusable UI RABN
- First UI RABN
- Last AC RABN
- Last AC2 RABN
- Last DATA RABN
- Last FDT RABN
- Last NI RABN
- Last UI RABN
- Last used DATA RABN
- Last used UI RABN
- Last used NI RABN
- RABN of Highest Index block

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|---|---|
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK147E** | **ERROR: Database ID equals zero.** |
| **Explanation** | A database ID of zero was encountered. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK148E** | **ERROR: The highest possible file number in database is invalid. Current value is {nn}.** |
| **Explanation** | A file number error was encountered. File numbers cannot exceed 5000. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK149E** | **ERROR: The value for RABNSIZE field in the GCB must be 3 or 4. Current value is {nnnn}.** |
| **Explanation** | An error occurred with the value of the RABNSIZE field. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK150E** | **ERROR: Highest file number currently loaded is invalid. Current value is {nn}.** |
| **Explanation** | The highest file number loaded exceeds the highest file number defined for the database. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK151E** | **ERROR: First or last PPT RABN equals zero.** |
| **Explanation** | The first and last PPT RABN values must be nonzero values. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK152E** | **ERROR: Work dataset definitions from GCB are invalid.** |
| **Explanation** | One or more of the Work definitions (device, RABN, etc.) in the GCB are invalid. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

**CHK153E** **ERROR: The value for the number of {ASSO|DATA|DSST} extents is equal to zero or more than 99.**

**Explanation** An error occurred with the number of Associator, Data Storage, or DSST extents.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK154E** **ERROR: Description of ASSO, DATA and DSST extents must fit into one ASSO block.**

**Explanation** An error occurred with the number of Associator, Data Storage, or DSST extents.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK155E** **ERROR: The last RABN of the first ASSO extent must be greater than size of ASSO fixed part. Current value is {nnnn} (x'{xxxx}').**

**Explanation** An error occurred with the Associator.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK156E** **ERROR: First FCB RABN must be equal to 31. Current value is {nnnn}.**

**Explanation** An error occurred with the FCB.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK157E** **ERROR: Error in description of DSST extent number {nnnn}. Reasons: {rsns}.**

**Explanation** An error occurred with the DSST extent number given in the message (*nnnn*). Reasons (*rsns*) for the error are also given in the message. Possible reasons include:

- Top DATA RABN mapped by last DSST extent is not equal to maximum DS RABN.
- First RABN is greater than last RABN of DSST extent.
- Last RABN of DSST extent is greater than TOP ASSO RABN.
- First and last RABN of DSST extent are zero.
- Blocksize of last DSST extent RABN is not equal to the value in DSST extent description.
- Top DATA RABN mapped by DSST extent is zero.
- Top DATA RABN mapped by DSST extent is more than maximum.
- DATA blocksize mapped by DSST extent is not equal to the real DATA blocksize.

**Action** Review the reasons supplied with this message to determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

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|---|---|
| **CHK159E** | **ERROR: First DSF RABN is greater than last DSF RABN.** |
| **Explanation** | The first DSF RABN is greater than the last one. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK160E** | **ERROR: Index block RABN = {rabn} (x'{xxxxxxxx}') contains incorrect block length - x'{xx}'.** |
| **Explanation** | An incorrect block length was encountered. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK161E** | **ERROR: FST entry contains RABNS that do not belong to the database. Offset to incorrect FST element is x'{xx}'.** |
| **Explanation** | The FST contains RABNs that do not belong to this database. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK162E** | **ERROR: Total length of indices from RABN = {rabn} (x'{xxxx}') exceeds the used block length.** |
| **Explanation** | The total length of the RABN indices exceeds the used block length. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK163E** | **ERROR: Index element in the index block RABN = {rabn} (x'{xxxxxxxx}') contains incorrect length of DE value - x'{x}'. Offset to incorrect element in the block - x'{xx}'.** |
| **Explanation** | An index element error occurred. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK164E** | **ERROR: NI element in the index block RABN {rabn} (x'{xxxxxxxx}') contains incorrect ISN {nnnn} (x'{xxxxxxxx}') in the ISN list. Offset to incorrect NI element x'{xx}'.** |
| **Explanation** | The ISN list for one value in an NI block must be in strict ascending sequence. If not, this message occurs. This message also occurs if an ISN is not less than the first unused ISN specified in the file control block (FCB). This can also occur if the ISN is zero. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

**CHK165E** **ERROR: Index block RABN = {rabn} (x'{xxxxxxxx}') contains incorrect level indicator - x'{x}' .**

**Explanation** The level indicator in the index block does not indicate the correct level as expected.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK166E** **ERROR: Number of empty blocks {nnnn} in the empty {UI|NI} index block chain exceeds possible maximum {nnnn}. Reason may be the existence of empty block with invalid forward pointer causing the chain to loop into itself.**

**Explanation** The forward pointer in an element of the empty NI/UI block chain contains an invalid RABN. This forward pointer should contain either a RABN of another empty NI/UI block or a zero to indicate the end of the chain. However, there is an invalid forward pointer value causing the chain to return into itself.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK167E** **ERROR: Logical length of empty {UI|NI} block RABN = {rabn}> (x'{xxxxxxxx}') should be 0006.**

**Explanation** An invalid logical length of an empty block was encountered.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK168E** **ERROR: Empty {UI|NI} block RABN = {rabn} (x'{xxxxxxxx}')' contains incorrect forward pointer. Forward pointer RABN = {rabn} (x'{xxxxxxxx}') is outside used {UI|NI} extents.**

**Explanation** The forward pointer in an element of the empty NI/UI block chain contains an invalid RABN. This forward pointer should contain a RABN of another empty NI/UI block or should contain a zero to indicate the end of the chain.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK169E** **ERROR: NI values of descriptor {fld} are not in ascending order. RABN {rabn} (x'{xxxxxxxx}'), offset to element x'{xx}'.**

**Explanation** When processing the index for one descriptor (in an L9 sequence), the NI block values should be in ascending sequence. This message occurs if either of the following occurs:

- The values within one block are not strictly increasing (equal values are considered an error);
- The first value in an NI, MI, or UI block is less than the last value in the previous block (equal values are allowed).

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| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK170E** | **ERROR: Index element contains invalid packed value. RABN {rabn} (x'{xxxxxxxx}'), offset to element x'{xx}', DE name {desc}.** |
| **Explanation** | An index element error was encountered. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK171E** | **ERROR: NI element in the index block RABN = {rabn} (x'{xxxxxxxx}') contains zero ISN count. Offset to incorrect NI element is x'{xx}'.** |
| **Explanation** | The ISN count in an NI element should not be zero. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK172E** | **ERROR: FieldName {fld} - EXI-OPT for SDTE Element is invalid - EXI but not UQ-DE in PE.** |
| **Explanation** | A field error was encountered. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK173E** | **ERROR: Invalid FDT length. Total FDT length x'{xxxx}' is not equal to the sum of FDT parts x'{xxxx}'.** |
| **Explanation** | The defined length of the FDT is not equal to the sum of its parts. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK174E** | **ERROR: Invalid length {nn} for field {fld}. The maximum permitted length for format type {format} is {nnn}.** |
| **Explanation** | An invalid field length was encountered. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK175E** | **ERROR: More than one Parent Field with MU option is not permitted for sub-/superfield {fld} .** |
| **Explanation** | A subfield or superfield cannot have more than one parent field with the MU option. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK176E** | **ERROR: The Parent field {fld} for field {fld} has invalid attributes. Subcode is {nnnn} :**<br>**1) FROM/TO value(s) = 0;**<br>**2) FROM > TO;**<br>**3) TO > permitted maximum.** |
| **Explanation** | An invalid parent field was encountered. The parent field has invalid attributes. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK177E** | **ERROR: The Parent field {fld} for {descriptor-type} is a Group field.** |
| **Explanation** | The parent field for a descriptor field is a group field. Possible descriptor types appearing in this message are: "Phonetic Descriptor", "Hyperc Descriptor", "Collating Descriptor", "Sub-/Super Descriptor", "Elementary", and "Special". |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK178E** | **ERROR: {descriptor-type} has invalid offset to Parent field. Parent field cannot be found in FDT.** |
| **Explanation** | The parent field for a descriptor cannot be found. Possible descriptor types appearing in this message are: "Phonetic Descriptor", "Hyperc Descriptor", "Collating Descriptor", "Sub-/Super Descriptor", "Elementary", and "Special". |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK179E** | **ERROR: The field {fld} is found more than once.** |
| **Explanation** | A field error occurred; the field is found more than once. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

**CHK180E** **ERROR: The Parent field {fld} for Phonetic Descriptor {descriptor} is invalid. Possible reasons: {rsns}.**

**Explanation** The parent field for a phonetic descriptor is invalid. Reasons (*rsns*) for the error are provided in the message. Possible reasons include:

- Parent field is a field within a Periodic group.
- Parent field does not have alpha format.
- Field is not the parent of phonetic descriptor.
- Field is the parent of more than one phonetic descriptor.
- Field is the MU field but phonetic descriptor is not.

**Action** Review the reasons supplied with this message to determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK181E** **ERROR: The Parent field {fld} for sub-/super field/descriptor {descriptor} has Floating Point format .**

**Explanation** A parent field error occurred; the parent field for the subfield, superfield, subdescriptor, or superdescriptor has floating point format.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK182E** **ERROR: Field {fld} has an inconsistent field level structure.**

**Explanation** A field error occurred. The field has an inconsistent field level structure.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK183E** **ERROR: The Parent field {fld} for sub-/superfield/descriptor {descriptor} has the LA or LOB option set.**

**Explanation** A parent field error occurred; the parent field for the subfield, superfield, subdescriptor, or superdescriptor has the LA or LB (large object) options set.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK184E** **ERROR: Invalid format x'{x}' for {descriptor-type} field {fld}.**

**Explanation** A descriptor field format error occurred, Possible descriptor types appearing in this message are: "Phonetic Descriptor", "Hyperc Descriptor", "Collating Descriptor", "Sub-/Super Descriptor", "Elementary", and "Special".

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

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|---|---|
| **CHK185E** | **ERROR: Field {fld} is not Parent of sub-/superfield/descriptor {descriptor}.** |
| **Explanation** | A parent field error occurred. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK186E** | **ERROR: UQ-Option for Non-Descriptor field {fld} is not permitted.** |
| **Explanation** | The UQ option is not permitted for a non-descriptor field. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK187E** | **ERROR: The Field {fld} has the FI- and DE-Options. This is not permitted for a field within a Periodic Group.** |
| **Explanation** | A field defined within a periodic group has the FI and DE options defined as well. This is not allowed. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK188E** | **ERROR: Missing length for field {fld} with FI-Option.** |
| **Explanation** | The length is missing for a field with the FI option specified. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK189E** | **ERROR: FI- and NU-Option are mutually exclusive: field {fld}.** |
| **Explanation** | A field has both the FI and NU options defined; these options are mutually exclusive. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK190E** | **ERROR: TZ option is invalid with current datetime edit mask: field {fld}; datetime edit mask {edit-mask }.** |
| **Explanation** | A time zone processing error occurred. The TZ option is invalid with the current datetime edit mask. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK191E** | **ERROR: Length of Group {group-fld} with MU field must be zero.** |
| **Explanation** | A group field length error occurred. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK192E** | **ERROR: Invalid length x'{xxxx}' of Group {group-fld}.** |
| **Explanation** | A group field length error occurred. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK193E** | **ERROR: System restriction: Too many fields in the FDT.** |
| **Explanation** | There are too many fields in the FDT. A maximum of 3214 is possible. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK194E** | **ERROR: Invalid field {fld} position within the PE Group. Position from FDT - {nnnnn} (x'{xxxx}'). Actual position - {nnnn} (x'{xxxx}') .** |
| **Explanation** | A PE group field position error occurred. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK195E** | **ERROR: The last field {fld} in the FDT cannot be a group.** |
| **Explanation** | The last field in the FDT cannot be a group. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK196W** | **WARNING: ADACHK is not permitted to run for file {fn}. Another utility has the file locked.** |
| **Explanation** | Another Adabas utility has locked the file (*fn*) listed in the message, so the ADACHK utility cannot run on the file. |
| **Action** | Issue a DUQA or DDIB command to determine what utility has the file locked and to remove the UQE or DIB entry. Then try to run the ADACHK job again. |

**CHK197E** **ERROR: Invalid field name syntax for {fld}.**

**Explanation** An invalid field name was found while processing the SDT.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK198E** **ERROR: {AC | AC2} ISN = {nnnn} (x'{xxxxxxxx}') was found in DS RABNs more than once (duplicate ISN). DS RABN for this ISN from {AC | AC2} is {rabn} (x'{xxxxxxxx}'). ISN also found in DS RABN {rabn} (x'{xxxxxxxx}').**

**Explanation** The ISN number listed in the message (*nnnn*) appears in two Data Storage records. ISNs should be unique.

**Note:** If the Data Storage RABNs associated with the duplicate ISNs contain errors, this message will be duplicated because the ISN is duplicated. This could occur with the CHK248E message if the ISN of the secondary address converter is duplicated and the duplicate secondary ISNs point to a primary ISN that was not found or could not be assembled.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK199E** **ERROR: Collating Descriptor Exit for field {fld} is not in range 1 - 8.**

**Explanation** A collating descriptor exit error occurred.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK200E** **ERROR: NU option set for Parent field {fld} but does not set for sub-/superfield/descriptor {descriptor}.**

**Explanation** A parent field specification error occurred.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK201E** **ERROR: Hyper Descriptor Exit for field {fld} is not in range 1 - 31.**

**Explanation** The hyperdescriptor exit specified for a field is not in the correct range.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

| | |
|---|---|
| **CHK202E** | **ERROR: Number of Parent fields for {fld} exceeds the permitted maximum (20).** |
| **Explanation** | The number of parent fields specified for a field exceeds the maximum. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK203E** | **ERROR: Field {fld} with NB option requires LA or LB option.** |
| **Explanation** | A field with the NB option is not specified with the LA or LB options. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK204E** | **ERROR: The SUPERFIELD/DESCRIPTOR {descriptor} must not have both NU and NC Parent Fields.** |
| **Explanation** | A superfield or superdescriptor cannot have both NU and NC parent fields. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK205E** | **ERROR: More than 254 elementary fields in PE-Group {nnnnn}.** |
| **Explanation** | There are too many elementary fields in a PE group. The number of elementary fields (*nnnnn*) is given in the messages. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK206E** | **ERROR: Field {fld} has the LA or LB option:**<br>**- it must have Alphanumeric format or**<br>**- it must have Wide format,**<br>**- it must neither have the FI option nor the DE option.** |
| **Explanation** | A field specified with the LA or LB option has been incorrectly defined. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK207E** | **ERROR: EXI Option is not allowed for field {fld}. This field is not a descriptor and/or does not contain fields from PE-group.** |
| **Explanation** | A field is defined incorrectly. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

**CHK208E** **ERROR: Field {fld} in Group {group} has invalid option: {option}.**

**Explanation** A field in a group has an invalid option.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK209E** **ERROR: Group {group} is not marked as having a {LOB | VAR. LENGTH | MU} field but contains {LOB | VAR. LENGTH | MU} field {fld}.**

**Explanation** A group field is not identified as containing large object (LB option), variable length, or MU fields, but one or more of the fields in the group are defined as large object, variable length or MU fields.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK210E** **ERROR: LB-Option and LA-Option are mutually exclusive. Field {fld}.**

**Explanation** A field is defined with both the LB and LA options; these options are mutually exclusive.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK211E** **ERROR: Field {fld} with NB option requires NC or NU option.**

**Explanation** An NB field is not defined with the NC or NU options; one of these options is required.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK212E** **ERROR: Invalid SDT length x'{xxxx}'.**

**Explanation** An SDT length error was encountered.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK213E** **ERROR: Datetime edit mask conflicts with format: field {fld}; format {format}; datetime edit mask {edit-mask} .**

**Explanation** A specified date-time edit mask conflicts with the field format.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

| | |
|---|---|
| **CHK214E** | **ERROR: TZ option is invalid without the datetime edit mask: field {fld} .** |
| **Explanation** | The TZ option cannot be specified with out the date-time edit mask. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK215E** | **ERROR: Unknown Datetime edit mask: field {fld} .** |
| **Explanation** | An invalid date-time edit mask was specified for a field. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK216E** | **ERROR: Field length is too short for current Datetime edit mask: field {fld}; length {nn}; datetime edit mask {edit-mask}.** |
| **Explanation** | The field length is too short for the date-time edit mask that was specified. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK217E** | **ERROR: Incorrect count of fields (x'{x}') in Group {group} .** |
| **Explanation** | An incorrect number of fields was encountered in a group. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK218E** | **ERROR: All specified RABNs exceed last physical RABN. Last physical RABN is {rabn} %-(x'{xxxxxxxx}').** |
| **Explanation** | RABNs that exceed the last physical RABN were found in the INPUT parameter. These RABNs are ignored. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK218I** | **RABNs exceed last physical RABN were found in input parameters. These RABNs are ignored. Last physical RABN is {rabn} -(x'{xxxxxxxx}') .** |
| **Explanation** | RABNs that exceed the last physical RABN were found in the INPUT parameter. These RABNs are ignored. |
| **Action** | No action is required for this informational message. |

**CHK219E** **ERROR: FDT extent definition in FCB for File {fn} is invalid. First FDT RABN = {rabn1} (x'{xxxxxxxx}') at offset x'{xx}' exceeds last FDT RABN = {rabn2} (x'{xxxxxxxx}') at offset x'{xx}'.**

**Explanation** An FDT extent error occurred for a file.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK220E** **ERROR: FDT definition in FCB for File {fn} is invalid. FDT length x'{xxxx}' at offset x'{xx}' is invalid .**

**Explanation** An FDT definition in the FCB for a file is invalid.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK221I** **{ACCHECK | CHECK | DSCHECK | ICHECK | VALIDATE} is not performed for File {fn}. Reasons: {rsns}**

**Explanation** The ADACHK function listed in the message was not performed for the file listed in the message (*fn*). Reasons (rsns) for the error are also given in the message. Possible reasons include:

- Error in FCB has been detected.
- Error in FDT has been detected.
- Error in NI extent definition in FCB has been detected.
- Error in UI extent definition in FCB has been detected.
- Error in UI/NI definitions in FCB has been detected.
- File is CHECKPOINT file.
- File is SECURITY file.
- Not all DEs could be processed.
- Number of NI extents in FCB equal 0
- Number of UI extents in FCB equal 0.
- There are no descriptors in this file.
- There are no records in the file.
- There are no NI elements for this file.
- There are no UI elements for this file.
- There are no UI/NI elements for this file.
- There are no valid DE names in DESCRIPTOR parameter.
- No records in file for external sort.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK222E** **ERROR: Descriptor {descriptor} not in ascending sequence is found in RABN = {rabn} (x'{xxxxxxxx}'), offset x'{xx}' .**

**Explanation** Each U3 element contains the field name for the descriptor. Field names must be in ascending sequence. The field name that is out of sequence is identified in the message (*descriptor*).

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK223E** **ERROR: ISN/RABN are not zero in UI element of empty descriptor {descriptor}, RABN {rabn}n (x'{xxxxxxxx}'), offset x'{xx}' .**

**Explanation** An error occurred with the UI element of an empty descriptor.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK224E** **ERROR: LOB Info entries definition in FCB is invalid. {msg-continuation}**

**Explanation** The following possible message continuations (*msg-continuation*) can be included in the message:

- Inconsistent offset to 1st LOB Info entry x'*xx*' (offset in FCB - x'*xx*') and Number of LOB Info entries x'*xx*' (offset in FCB - x'*xx*'). If one is zero, then other should also be zero.
- Offset to 1st LOB Info entry x'*xx*' (offset in FCB - x'*xx*') should not be zero or greater than ASSO block length.
- LOB Info entry (offset in FCB - x'*xxxxx*') contains invalid Base/LOB file number *fn* (x'*xxxxx*''). Base/LOB file number should not be zero or greater than *nn* (x'*xxxxx*') -maximum file number in database.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK225E** **ERROR: {xxxx} definition does not fit into one ASSO block. Offset to {xxxx} - x'{xx}'; Number of {xxxx} - x'{xx}'.**

**Explanation** An Adabas element or extent definition does not fit into one ASSO block, where *xxxx* represents the element or extent name and can be one of the following:

- AC extents
- AC2 extents
- Couple elements
- DATA extents
- last formatted AC
- last formatted AC2

- LOB Info entries
- maximum AC
- maximum AC2
- NI extents
- UI extents

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK226E** **ERROR: Couple elements definition in FCB (offset x'{xx}') is invalid. {msg-continuation}**

**Explanation** The following possible message continuations (*msg-continuation*) can be included in the message:

- Inconsistent values in offset to 1st couple element and number of couple elements. If one is zero, then other should also be zero.
- Offset to 1st couple element should not be zero or greater than ASSO block length.
- Number of coupled files should not be greater than 18.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK227E** **ERROR: Couple element in FCB (offset x'{xx}') is invalid. Coupled file number and Descriptor names should be defined.**

**Explanation** An FCB couple element error occurred.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK228E** **ERROR: Invalid DSST entry was found. DSRABN = x'{xxxxxxxx}' ({rabn}) Actual value x'{xxxxxxxx}', Value from DSST x'{xxxxxxxx}' DSSTRABN = x'{xxxxxxxx}' ({rabn}>), Offset = x'{xx}' .**

**Explanation** An invalid DSST entry was encountered.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

| | |
|---|---|
| **CHK229E** | **ERROR: All specified ISNs do not belong to the given file. Processing aborted .** |
| **Explanation** | An ISN error was encountered. |
| **Action** | Analyze and correct the supplied parameters and rerun. |

| | |
|---|---|
| **CHK230I** | **MAXCALLS will be ignored due to the NOSYNC or UTYPE specification. Message is only given once and only if an error is encountered.** |
| **Explanation** | This message is received when MAXCALLS is specified with UTYPE=EXU.EXF or NOSYNC. MAXCALLS does not pertain when any of these parameters are specified. |
| **Action** | No action is required for this informational message. |

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|---|---|
| **CHK231I** | **Invalid internal error call {n} passed to ADACHK error routine.** |
| **Explanation** | A call was made to an internal routine to process a possible transient error but an invalid call type was detected. |
| **Action** | Save this message and contact your technical support representative for assistance. |

| | |
|---|---|
| **CHK233E** | **ERROR: Only single FILE must be specified in conjunction with {parm} parameter .** |
| **Explanation** | Only a single file number can be specified with the parameter listed in the message (*parm*). |
| **Action** | Analyze and correct the supplied parameters and rerun. |

| | |
|---|---|
| **CHK234E** | **ERROR: Only single FILE and single ISN must be specified in conjunction with COMPREC parameter .** |
| **Explanation** | Only a single file number and a single ISN can be specified with the COMPREC parameter. |
| **Action** | Analyze and correct the supplied parameters and rerun. |

| | |
|---|---|
| **CHK235E** | **ERROR: {AC \| AC2} ISN {isn} was not found in DS block {blk} specified by AC/AC2 element.** |
| **Explanation** | A mismatch exists between the address converter (AC) or the secondary address converter (AC2) elements and Data Storage or when spanned records are enabled. An ADACHK ASSOPRINT and DATAPRINT of the specific RABNs will help analyze further. |
| **Action** | Contact your technical support representative for assistance. |

| | |
|---|---|
| **CHK236E** | **ERROR: AC/AC2 ISN {nnnnn} was not found in AC/AC2. The highest ISN in AC/AC2 is {nnnnnnn}. May be FCB contains incorrect AC/AC2 extent descriptions or invalid first unused ISN.** |
| **Explanation** | The first unused ISN in the FCB and the first unused ISN in the address converter or the secondary address converter do not match when spanned records are enabled,. An ADACHK ASSOPRINT and FCBPRINT of the specific RABNs will help analyze further. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK237E** | **ERROR: Function is not specified.** |
| **Explanation** | No ADACHK function was supplied for the run. |
| **Action** | Analyze and correct the supplied parameters and rerun. |

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|---|---|
| **CHK238I** | **{ASSO \| DATA} RABNs {rabn1} - (x'{xxxxxxxx}') - {rabn2} - (x'{xxxxxxxx}') from specified RABN range is outside of extents for file {fn}. Only {ASSO \| DATA} RABN(s) which belong to the file will be processed. Run ADAREP utility to obtain information about file extents.** |
| **Explanation** | The RABNs listed in the message are outside the range of extents for the file and will not be processed. |
| **Action** | Run the ADAREP utility to obtain information about the file extents. |

| | |
|---|---|
| **CHK239E** | **ERROR: {ASSO \| DATA} RABNs {rabn}>-(x'{xxxxxxxx}') from specified RABN range is outside of extents for file {fn}. Run ADAREP utility to obtain information about file extents.** |
| **Explanation** | The RABNs listed in the message are outside the range of extents for the file and will not be processed. |
| **Action** | Run the ADAREP utility to obtain information about the file extents. |

| | |
|---|---|
| **CHK240E** | **ERROR: Parameter {parm} is not allowed for function {function} .** |
| **Explanation** | An invalid parameter (*parm*) was specified for the ADACHK function (*function*) identified in the message. |
| **Action** | Analyze and correct the supplied parameters and rerun. |

| | |
|---|---|
| **CHK241E** | **ERROR: The file number in the FCB of File {fn} is invalid. Current value is {nnnn} (x'{xxxx}').** |
| **Explanation** | An FCB error occurred for the file listed in the message (*fn*). |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK242E** | **ERROR: Invalid parameter UTYPE = {utype} Value of parameter UTYPE must be ACC / UTI / EXU (default is ACC).** |
| **Explanation** | An invalid value was specified for the UTYPE parameter. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK243E** | **GCB2 contains error(s). Processing terminated.** |
| **Explanation** | An error occurred with the secondary general control block (GCB2). |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK244E** | **ERROR: The value of parameter MAXDESCLEN = {length} is not in a range 10-255 .** |
| **Explanation** | An invalid value was specified for the MAXDESCLEN parameter. |
| **Action** | Analyze and correct the supplied parameters and rerun. |

| | |
|---|---|
| **CHK245E** | **ERROR: {ASSO \| DATA} FROM-TO RABNs is outside of extents for file {fn}. Run ADAREP utility to obtain information about file extents .** |
| **Explanation** | Associator or Data Storage RABNs are outside the range of extents for the file. |
| **Action** | Run the ADAREP utility to obtain information about the file extents. |

| | |
|---|---|
| **CHK246E** | **ERROR: File {fn} is incorrect. File number must be only in range 1 - {maxfiles} .** |
| **Explanation** | An invalid file number was specified. |
| **Action** | Analyze and correct the supplied parameters and rerun. |

| | |
|---|---|
| **CHK247I** | **ERROR: File {fn} is not loaded.** |
| **Explanation** | The file number listed in the message (*fn*) is not loaded. Typically, this occurs when a range of files is specified and LAYOUT=LONG. This notifies you of the files in the specified range that were not loaded. |
| **Action** | No action is required for this informational message. |

**CHK248I** **Files exceed the highest file currently loaded were found in input parameters. These Files are ignored. The highest file currently loaded is {fn}.**

**Explanation** File numbers exceeding the highest file currently loaded were found in the input parameters and will not be processed.

**Action** No action is required for this informational message.

**CHK249E** **ERROR: In parameter(s) File {fn1} {nnnn} -(x'{xxxx}') – {fn2} – (x'{xxxx}') start of range value exceeds end of range value.**

**Explanation** The file number range specified for the run was not specified in ascending order. All file number ranges must be supplied in ascending order.

**Action** Correct the file number range specification and rerun the job.

**CHK250E** **ERROR: Invalid parameter LAYOUT = {layout}. Value of parameter LAYOUT must be LONG / MEDIUM / SHORT (default is SHORT).**

**Explanation** An invalid value was specified for the LAYOUT parameter. Valid values are LONG, MEDIUM, or SHORT.

**Action** Specify a valid value for the LAYOUT parameter or remove the LAYOUT parameter from the run (it will then default to SHORT). Then rerun the ADACHK job.

**CHK251I** **Parameter FILE is omitted. All files will be processed.**

**Explanation** The FILE parameter has been omitted for this ADACHK run. All files will be processed.

**Action** No action is required for this informational message.

**CHK252E** **ERROR: Parameter {parm} is essential for function {fxname}.**

**Explanation** The parameter named in the message (*parm*) is required for the function named in the message (*fxname*), but was not provided.

**Action** Supply the parameter (and appropriate parameter value) and try again.

**CHK253E** **ERROR: The value of parameter NUMBER = {value} is not in range 1 - 8.**

**Explanation** An invalid value has been specified for the NUMBER parameter. Valid values range from 1 through 8.

**Action** Correct the NUMBER parameter and try again.

| | |
|---|---|
| **CHK254E** | **ERROR: Parameter {parm1} must be specified in conjunction with {parm2} parameter(s).** |
| **Explanation** | The parameter named in the message (*parm1*) was not specified in conjunction with other parameters it requires. The other required parameters are also named in the message (*parm2*). |
| **Action** | Specify all required parameters (and dependent parameters) in the job and try again. |

| | |
|---|---|
| **CHK255E** | **ERROR: Parameter {parm1} cannot be specified in conjunction with {parm2} parameter(s).** |
| **Explanation** | The parameter named in the message (*parm1*) was specified in conjunction with other parameters it cannot be specified with. The parameters it is in conflict with are also named in the message (*parm2*). |
| **Action** | Correct the parameter specifications and try again. |

| | |
|---|---|
| **CHK256E** | **ERROR: Highest Index level in FCB is not from 3 to 15 range. Current value is {n} (x'{x}'), offset in FCB - x'{xx}' .** |
| **Explanation** | An index error in the FCB was encountered. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK257E** | **ERROR: Rotating ISN {nnnn} (x'{xxxxxxxx}') in {AC \| AC2} in FCB is incorrect. It should not be zero or greater than the {highest allocated \| topisn+1} {AC \| AC2} ISN {nnnn} (x'{xxxxxxxx}'). Offset to the rotating {AC \| AC2} ISN in FCB - x'{xxxx}'. Offset to the {highest allocated \| topisn+1} {AC \| AC2} ISN in FCB - x'{xxxx}'.** |
| **Explanation** | An error occurred with the rotating ISN in the address converter or the secondary address converter. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK258E** | **ERROR: The {AC \| AC2} ISN is not set. Offset to the {AC \| AC2} ISN in FCB - x'{xx}' .** |
| **Explanation** | An ISN error occurred in the address converter or the secondary address converter. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

**CHK259E** **ERROR: The {AC | AC2} ISN {nnnn} (x'{xxxx}') exceeds the {AC | AC2} ISN {nnnn} (x'{xxxx}'). Offset to the AC ISN in FCB - x'{xx}'. Offset to the AC2 ISN in FCB - x'{xx}' .**

**Explanation** An ISN error occurred in the address converter or the secondary address converter.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK260E** **ERROR: 1st unused {AC | AC2} ISN {nnnn} (x'{xxxx}') must not be higher than the {AC | AC2} ISN {nnnn} (x'{xxxx}'), plus 1. Offset to the 1st unused {AC | AC2} ISN in FCB - x'{x}'. Offset to the {AC | AC2} ISN in FCB - x'{xx}' .**

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK261E** **ERROR: DS RABN {rabn} (x'{xxxxxxxx}') is more than maximum DS RABN mapped by last DSST extent .**

**Explanation** A Data Storage RABN is higher than the maximum Data Storage RABN mapped by the last DSST extent.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK262E** **ERROR: The maximum {AC | AC2} ISN {nnnn} (x'{xxxxxxxx}') must correspond to the highest allocated {AC | AC2} ISN {nnnn} (x'{xxxxxxxx}'). Offset to the maximum {AC | AC2} ISN in FCB - x'{xxxx}'. Offset to the highest allocated {AC | AC2} ISN in FCB - x'{xxxx}0'.**

**Explanation** An ISN error occurred in the address converter or the secondary address converter.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK263I** **Invalid first reusable {NI | UI} RABN has been detected in FCB. The chain of empty {NI | UI} index blocks will not be checked.**

**Explanation** An invalid RABN was encountered in the FCB.

**Action** No action is required for this informational message.

**CHK264E** **ERROR: Field {nn} has invalid packed value x'{xxxxxxxx}'.**

**Explanation** The packed value of a field is invalid.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

| | |
|---|---|
| **CHK265I** | **The NOSYNC parameter has been specified. Therefore, no nucleus calls will be made to ensure that errors are real. Therefore, any errors reported may be due to concurrent updates. To distinguish persistent errors from transient errors, please remove the NOSYNC parameter.** |
| **Explanation** | This message appears when the NOSYNC parameter has been specified. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **CHK266I** | **Dump {type} block {nnnn} (x'{xxxx}').** |
| **Explanation** | Dump information is provided in this message. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **CHK267E** | **ERROR: Offset is bigger than ASSO block size. Type block RABN {rabn} (x'{xxxxxxxx}') at offset x'{xx}' .** |
| **Explanation** | A requested offset is larger than the Associator block size. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK268E** | **ERROR: {block} {type} Padding factor {nn} for file {fn} is invalid. The value must be specified in the range 1-90 .** |
| **Explanation** | The padding factor for a file is invalid. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK269E** | **ERROR: Invalid syntax of CODE parameter.** |
| **Explanation** | An error was encountered with the specification of the CODE parameter. |
| **Action** | Correct the syntax of the CODE parameter and try again. |

| | |
|---|---|
| **CHK270W** | **WARNING: Parameter {parm1} is incompatible with {parm2} parameter. {parm2} parameter is ignored.** |
| **Explanation** | Incompatible parameters were specified. One of the parameters is ignored. |
| **Action** | Correct the specified parameters and rerun the ADACHK job. |

**CHK271E** **ERROR: ISN = {nnnn} (x'{xxxx}') was found in DS RABN = {rabn1} (x'{xxxxxxxx}'). DS RABN for this ISN from {AC | AC2} is {rabn2}> (x'{xxxxxxxx}') .**

**Explanation** An ISN error occurred in the address converter or the secondary address converter.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK272E** **ERROR: {AC | AC2} ISN = {nnnn} (x'{xxxxxxxx}') was not found in any DS RABN. {AC | AC2} element contains DS RABN = {rabn} (x'{xxxxxxxx}') .**

**Explanation** An ISN error occurred in the address converter or the secondary address converter.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK273I** **The UTYPE={EXF|EXU} parameter has been specified. Therefore, no nucleus calls are necessary to ensure that errors are real.**

**Explanation** This message is given when UTYPE=EXF or UTYPE=EXU is specified. It is only given once if an error is encountered.

**Action** No action is required for this informational message.

**CHK274E** **ERROR: {AC | AC2) element of ISN {nnnn} (x'{xxxxxxxx}') from ASSO RABN {rabn} (x'{xxxxxxxx}') contains invalid DS RABN {rabn} (x'{xxxxxxxx}'). This RABN is not used by the file.**

**Explanation** The primary (AC) or secondary (AC2) address converter element for the ISN shown in the message (*nnnn*) contains a DS RABN that is not used by the file.

**Action** Perform an FCBPRINT to check the Data RABNs and identify the problem. Contact your technical support representative for assistance if necessary.

**CHK275E** **ERROR: Segment count in spanned record with ISN = {nnnnn} exceeds maximum.**

**Explanation** The spanned Data Storage chain with the ISN shown in the message (*nnnn*) has more than the maximum number of segments allowed.

**Action** Contact your technical support representative for assistance.

**CHK276E** **ERROR: An error was found in spanned record ISN {nnnn}**
**Secondary record ISN {nnnn} in DS RABN {rabn} (x'{xxxxxxxx}') holds an inconsistent value of primary ISN {nnnn} (x'{xxxxxxxx}').**

**Explanation** An error was encountered with the secondary ISN or spanned Data Storage chain. If the nucleus is active, this message will be preceded by additional messages to aid in resolving the issue.

**Action** Run the ADACHK DATAPRINT utility function against the Data Storage RABN to obtain more information. Contact your technical support representative for assistance.

| | |
|---|---|
| **CHK277E** | **ERROR: Invalid value {nn} (x'{xx}') for number of ISNs per {AC \| AC2} block. Offset to invalid value in FCB - x'{xx}' .** |
| **Explanation** | An ISN error occurred in the address converter or the secondary address converter. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK278E** | **ERROR: {AC \| AC2} ISN = {nnnn} (x'{xxxx}') greater than last {AC \| AC2} ISN = {nnnn} (x'{xxxx}') was found in DS RABN {rabn} (x'{xxxxxxxx}') .** |
| **Explanation** | An ISN error occurred in the address converter or the secondary address converter. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK279E** | **ERROR: The parent field {fld} for Collating Descriptor {desc} must have either ALPHA or WIDE format.** |
| **Explanation** | A collating descriptor was defined without a parent field in alphabetic or wide-character format. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK280E** | **ERROR: Formats of subfield/subdescriptor {desc} and its parent field {fld} are not the same .** |
| **Explanation** | The formats of the subfield or subdescriptor and the parent field are not the same. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK281E** | **ERROR: The superfield/superdescriptor {desc} has invalid format. Permitted format for such field is either ALPHA or WIDE or BINARY.** |
| **Explanation** | The superfield or superdescriptor has an invalid format. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

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|---|---|
| **CHK282E** | **ERROR: The sub-/superfield/descriptor {desc} has unpermitted format. Permitted format is either FIXED or FLOAT.** |
| **Explanation** | The subfield, superfield, subdescriptor, or superdescriptor has an invalid format. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

**CHK283E** **ERROR: Duplicate ISN {nnnn} (x'{xxxx}') found in DS RABNs - {rabn1} (x'{xxxxxxxx}') and {rabn2} (x'{xxxxxxxx}') .**

**Explanation** A duplicate ISN was found in Data Storage.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK284E** **ERROR: Secondary ISN {nnnn} (x'{xxxxxxxxx}') found in DS RABN {rabn} (x'{xxxxxxxx}') but not referenced by a primary ISN.**

**Explanation** A secondary ISN was found that has no corresponding primary ISN.

**Note:** Before this error is printed, ADACHK rereads the associated blocks to see if it can rectify the error on its own. If so, the transient error count is incremented and no error is printed. If it cannot rectify the error and the nucleus is down, the error is printed. If it cannot rectify the error and the nucleus is up, a call to the nucleus is made to determine if there is indeed a problem with the ISN and if it has been abandoned. In verifying the original error, if the nucleus finds another error, the error will be returned to ADACHK and ADACHK will print both this error and the additional error found. The additional errors that would precede this message are listed below. These will only occur if the nucleus is up.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK284W** **WARNING: Secondary ISN {nnnn} (x'{xxxx}') in DS RABN {rabn} (x'{xxxxxxxx}') but not referenced by a primary ISN. Removing the FROMRABN/TORABN parameter will most likely resolve the warning .**

**Explanation** A secondary ISN was found that has no corresponding primary ISN.

**Action** Remove the FROMRABN and TORABN parameter settings and try again.

**CHK285E** **ERROR: Duplicate secondary ISN {nnnn} (x'{xxxx}') found in DS RABNs - {rabn1} (x'{xxxxxxxx}') and {rabn2} (x'{xxxxxxxx}') .**

**Explanation** A duplicate secondary ISN was found.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK286E** **ERROR: File {fnr} is coupled to file {fnr2}. File {fnr2} is currently not loaded.**

**Explanation** The coupled file has not been loaded or has been removed.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

| | |
|---|---|
| **CHK287I** | **A call was just made to the nucleus to confirm if a CHK284E error was real or transient. The nucleus encountered the following error attempting the validation.** |
| **Explanation** | ADACHK made a call to the nucleus to determine whether error CHK284E was caused by a secondary ISN that was abandoned was transient or real. In validating the error, the nucleus, encountered one of the following different errors: **CHK274E**, **CHK276E**, **CHK288I**, **CHK289I**, **CHK290I**, **CHK291E**, **CHK292E**, **CHK293E**, **CHK294E**, or **CHK295E**. After one of these errors is printed, **CHK284W** is also printed. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK288I** | **Unrecognized error {nn} returned from the nucleus for ADACHK type {xx}.** |
| **Explanation** | ADACHK attempted to call the nucleus to validate the error displayed below. The nucleus returned an unexpected error code *nn* for function type *xx*. The original error will be displayed since ADACHK was unable to verify with the nucleus. |
| **Action** | This informational error message should be reported to your technical support representative. |

| | |
|---|---|
| **CHK289I** | **Invalid primary ISN parameter {parm} (x'{xxxxxxxx}') passed from ADACHK to the nucleus.**<br>**The primary ISN provided was either zero or greater than the first unused ISN.** |
| **Explanation** | ADACHK attempted to call the nucleus to validate the error displayed below. The primary ISN passed was invalid. The original error will be displayed since ADACHK was unable to verify with the nucleus. |
| **Action** | This informational error message should be reported to your technical support representative so this internal error can be corrected. |

| | |
|---|---|
| **CHK290I** | **Invalid secondary ISN parameter 18 (x'{xxxxxxxx}') passed from ADACHK to the nucleus.**<br>**The secondary ISN provided was either zero or greater than the first unused secondary ISN.** |
| **Explanation** | ADACHK attempted to call the nucleus to validate the error displayed below. The secondary ISN passed was invalid. The original error will be displayed since ADACHK was unable to verify with the nucleus. |
| **Action** | This informational error message should be reported to your technical support representative so this internal error can be corrected. |

**CHK291E** **The spanned DS header for the primary ISN {nnnn} (x'{xxxxxxxx}') in DS RABN {rabn} (x'{xxxxxxxx}') was invalid. [A spanned DS record must be either a primary or a secondary record. Both are not permitted. Offset to record in DS block - x'{xxxx}'] .**

**Explanation** The header of the primary spanned record with the ISN number listed in the message (*nnnn*) is erroneous. Possible causes include:

- The spanned Data Storage header indicator for a primary record is incorrectly set. Either the primary spanned record bit or the secondary spanned record bit should be on (but not both).
- The next ISN in the spanned Data Storage header is invalid.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK292E** **The spanned DS header for the secondary ISN {nnnn} (x'{xxxxxxxx}') in DS RABN {rabn} (x'{xxxxxxxx}') was invalid.**

**Explanation** The header of the secondary spanned record with the ISN number listed in the message (*nnnn*) is erroneous.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK293E** **Secondary ISN {nnnn} (x'{xxxxxxxx}') in DS RABN {rabn} (x'{xxxxxxxx}') points to an invalid next ISN.**

**Explanation** The secondary header segment points to a next ISN that is erroneous.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK294E** **The AC2 has the secondary ISN {nnnn} (x'{xxxxxxxx}') in DS RABN {rabn} (x'{xxxxxxxx}') but the ISN is missing in the DS RABN.**

**Explanation** The secondary address converter indicates that the secondary ISN shown in the message (*nnnn*) is in the Data Storage RABN listed in the message (*rabn*), but the ISN is missing in the Data Storage RABN.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK295E** **Primary ISN {nnnn} (x'{xxxxxxxx}') in DS RABN {rabn} (x'{xxxxxxxx}8') points to an invalid next ISN.**

**Explanation** The primary header segment points to a next ISN that is erroneous.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK296I** **A call was just made to the nucleus to confirm the validity of the spanned DS storage chain. The nucleus encountered the following error attempting the validation.**

**Explanation** While attempting to validate the consistency of the spanned Data Storage storage chain, one of the following additional errors was encountered: **CHK274E**, **CHK275E**, **CHK289I**, **CHK291E**, **CHK292E**, **CHK293E**, **CHK295E**, **CHK297E**, **CHK298E**, **CHK299E**, **CHK337E**, **CHK338E**, or **CHK339E**. After one of these erorrs is printed, either a compression error (CRV* message) or **CHK276E** is also printed.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK297E** **Invalid block length or record length in DS RABN {rabn} (x'{xxxxxxxx}') for primary ISN {nnnn} (x'{xxxxxxxx}').**

**Explanation** An invalid block length or record length was detected. This may be preceded by error **CHK142I**. An unexpected nucleus response code was received.

**Action** Investigate the cause of the error, based on the information provided for the response code from **CHK142I**. Then correct the record or block listed in this message (CHK297E) and rerun the job. If the problem persists, contact your technical support representative for assistance.

**CHK298E** **Invalid block length or record length in DS RABN {rabn} (x'{xxxxxxxx}') for secondary ISN {nnnn} (x'{xxxxxxxx}').**

**Explanation** An invalid block length or record length was detected for a secondary ISN. This may be preceded by error **CHK142I**. An unexpected nucleus response code was received.

**Action** Investigate the cause of the error, based on the information provided for the response code from **CHK142I**. Then correct the record or block listed in this message (CHK297E) and rerun the job. If the problem persists, contact your technical support representative for assistance.

**CHK299E** **The primary ISN is invalid in the spanned DS record header of primary ISN {nnnn} (x'{xxxxxxxx}') in DS RABN {rabn} (x'{xxxxxxxx}').**

**Explanation** There is an inconsistency in the primary ISN found in the header for the primary ISN.

**Action** Run an ADACHK DATAPRINT job of the Data Storage RABN for further analysis. Determine the cause of the error and correct it. If you need assistance, contact your Software GmbH technical support representative.

**CHK300E** **ERROR: Descriptor {desc} is not found in FDT, RABN {rabn} (x'{xxxxxxxx}'), offset x'{xx}' .**

**Explanation** A descriptor was found in a U3 block that is not in the field definition table (FDT). Every field in the index must be a descriptor if the file is coupled: a subdescriptor, superdescriptor, hyperdescriptor, or phonetic descriptor, a coupling descriptor, or a collation descriptor.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK301E** **ERROR: FDT and Index control bytes mismatch for DE {desc} is found in RABN {rabn} (x'{xxxxxxxx}') offset x'{xx}' .**

**Explanation** An FDT and index control byte mismatch occurred for the descriptor (*desc*) listed in the message. The comparison of the two compares the control byte IXUCTL of the index with the control byte FDTF of the FDT.

**Action** When this error occurs, dump and print the FDT using the ADACHK FDTPRINT utility and the index block in question with ASSOPRINT. Then contact your our support representative for assistance.

**CHK302E** **ERROR: First element of DE {desc} is found but upper index element found in RABN {rabn}> (x'{xxxxxxxx}'), offset x'{xx}' does not indicate the first element of descriptor .**

**Explanation** The upper index blocks contain index entries for one or more descriptors. The first element for a given descriptor contains the first element bit, or FE BIT. A missing FE bit can result in incorrect index positioning or Adabas response codes.

**Action** Document the error. Try to fix the error as soon as possible, for example by reinverting the descriptor where the error occurred.

**CHK304E** **ERROR: Duplicate element of empty DE {desc} is found in RABN {rabn} (x'{xxxxxxxx}'), offset x'{xx}'.**

**Explanation** There are at least two U3 entries for an empty descriptor. Each descriptor has at least one entry on the U3 level. There may be several entries for one descriptor when the descriptor spans several MI blocks, because each MI block has an entry on the U3 level. Although there are no MI blocks for an empty descriptor, there must be one (and only one) U3 entry.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK305E** **ERROR: {desc1}/{desc2} DE names do not agree. {idx-level} index element located in RABN {rabn} (x'{xxxxxxxx}'), offset x'{xx}'. {idx-level} index element located in RABN {rabn} (x'{xxxxxxxx}'), offset x'{xx}' .**

**Explanation** Each upper-level index element contains the field name for the descriptor, and also points to a lower-level block. The field name in the first element in the lower-level block must agree with the field name in the higher-level element.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK306E** **ERROR: {desc1}/{desc2} DE values do not agree. {idx-level} index element located in RABN {rabn} (x'{xxxxxxxx}'), offset x'{xx}'. {idx-level} index element located in RABN {rabn} (x'{xxxxxxxx}'), offset x'{xx}' .**

**Explanation** Each U3 element contains a value and an MI RABN. The first MI element (in the MI block pointed to by the U3 element) should contain the same value as the U3 element. If not, this message occurs.

This message also occurs if an MI element contains a value that is greater than the value in the first NI element (in the NI block pointed to by the MI element).

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK307E** **ERROR: {idx-level1}/{idx-level2} ISNs do not agree. {idx-level1} index element located in RABN {rabn} (x'{xxxxxxxx}'), offset x'{xx}'. {idx-level2} index element located in RABN {rabn} (x'{xxxxxxxx}'), offset x'{xx}' .**

**Explanation** Each MI element points to an NI block. If the first ISN in the ISN list for the first NI element (in that NI block) is not the lowest ISN for that value, then that NI element ISN should be equal to or greater than the MI ISN. If the NI ISN is less, this message occurs.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK308I** **The following secondary ISN error could not be fully verified by the nucleus.**

**Explanation** A secondary ISN with no master ISN was found. The master ISN is needed to confirm if the error is real or transient. Most likely this is due to the timing of the spanned data storage update.

**Action** No action is required for this informational message.

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|---|---|
| **CHK309E** | **ERROR: MI ISN {nnnn} (x'{xxxx}') is invalid. It should be zero. RABN {rabn} (x'{xxxxxxxx}'), offset to element x'{xx}', DE name {desc} .** |
| **Explanation** | An error occurred with the MI ISN. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK310E** | **ERROR: Error initializing collating user exit. Return Code = {rc} .** |
| **Explanation** | An error occurred initializing the collating user exit. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK311E** | **ERROR: Collating user exit is not loaded.** |
| **Explanation** | The collating user exit is not loaded. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK312E** | **ERROR: Descriptor {desc} was found in FDT but has not been checked in indices because of errors detected above .** |
| **Explanation** | A descriptor was found in the FDT but was not checked due to other processing errors. |
| **Action** | Review other errors that appear with this one to resolve the error. |

| | |
|---|---|
| **CHK313W** | **WARNING: Error in FCB related to COUPLED facility has been detected. ICHECK function will be executed without COUPLED indices checks .** |
| **Explanation** | An FCB error related to the coupling facility has been encountered. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK314E** | **ERROR: {DATA \| UI \| NI \| AC \| AC2} extent {nnnn} (x'{xxxx}') - {nnnn} (x'{xxxx}') overlaps {DATA \| UI \| NI \| AC \| AC2} extent {nnnn} (x'{xxxx}') - {nnnn} (x'{xxxx}') .** |
| **Explanation** | An error with the extents listed in the message occurred. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK317I** | **Errors in extents are detected. Checking for gaps and overlaps cannot be performed.** |
| **Explanation** | An internal error processing the extent overlap and gap checking has been detected. |
| **Action** | This is an informational message only and processing will continue. Please run an ADAREP to determine if gaps or overlaps exist and contact your technical support representative if you need assistance or suspect an error. |

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|---|---|
| **CHK318E** | **ERROR: # {NI \| UI} blocks processed greater than # {NI \| UI} blocks used .** |
| **Explanation** | In performing the index check, a count is taken of the UI blocks read. The number of blocks used is the sum of the number of blocks used in each UI extent, which depends on the first RABN and first unused RABN for each extent. If the number of blocks processed exceeds the number used, at least one ix-block-number RABN occurs in more than one of that block type, because each ix-block-number RABN processed is checked to be sure it is within the used portion of some extent of the same index block type. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK319E** | **ERROR: Gap between extents: {from-blk} {to-blk} {type} {fn} .** |
| **Explanation** | The extents that have gaps are printed. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK320E** | **ERROR: Extents overlap: {from-blk} {to-blk} {type} {fn}.** |
| **Explanation** | The extents that have gaps are printed. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK321E** | **ERROR: Wrong pointer to last parent of super/hyper descriptor. Bad FDT, expected value: {nn1}, value found {nn2} .** |
| **Explanation** | An error occurred with a pointer in the FDT. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK322E** | **ERROR: Problem encountered attempting to invoke the external sort routine, Return Code = {ioerror }.** |
| **Explanation** | An error occurred attempting to invoke the external sort routine. |
| **Action** | Diagnose and correct the external sort problem. The return code is given in the message. Rerun ADACHK if necessary. |

| | |
|---|---|
| **CHK323I** | **Start verification of expanded file chains.** |
| **Explanation** | The consistency checking of the expanded file chains is in progress. This occurs at the beginning of ADACHK. If LAYOUT is specified, the expanded file chain is specified. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **CHK324I** | **End verification of expanded file chains.** |
| **Explanation** | The consistency checking of the expanded file chains has completed. If any errors were encountered, they would be displayed above this message. |
| **Action** | No action is required for this informational message. The consistency checking of the expanded file chains has completed. If any errors were encountered, they would be displayed above this message. |

| | |
|---|---|
| **CHK325E** | **ERROR: File {fnr} has ISN overlap with previous file in chain.** |
| **Explanation** | There is an overlap of ISNs between files in the chain. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK326E** | **ERROR: File {fnr} has incorrect anchor {fnr}.** |
| **Explanation** | The expanded file has an incorrect anchor file. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK327E** | **ERROR: MAXRECL {maxrecl} for file {fnr} does not match the MAXRECL {maxrecl} of the anchor {fnr}.** |
| **Explanation** | The MAXRECL of files in the chain must match. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK328E** | **ERROR: The next file {fnr} was already found in a chain.** |
| **Explanation** | The expanded file was already found in the expanded file chain. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK329E** | **ERROR: File {fnr} does not belong to a chain but has next {fnr} and anchor {fnr}.** |
| **Explanation** | The file does not belong to an expanded file chain but contains chain information. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK330E** | **ERROR: Error initializing hyperexit number {nn}. Return Code = {rc}.** |
| **Explanation** | An error was returned attempting to initialize the hyperexit listed in the message (*nn*). |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK331W** | **WARNING: File {fnr} received an unexpected nucleus response {rspcode}.** |
| **Explanation** | An unexpected nucleus response code was received. |
| **Action** | Analyze and determine the cause of the response code to determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK332E** | **ERROR: Response code {rc} subcode {sc} occurred while processing ISN = {nnnn} in file = {fn}.** |
| **Explanation** | A problem in the spanned Data Storage record chain has been identified. Processing for this record will stop. |
| **Action** | Review preceding messages for more detail on the spanned Data Storage error. |

| | |
|---|---|
| **CHK333W** | **WARNING: Sort encountered an unusual record. Record skipped.** |
| **Explanation** | The sorter encountered a non-zero return code. Additional error information may be displayed if available. |
| **Action** | Provide the job output to your technical support representative for assistance. |

| | |
|---|---|
| **CHK334E** | **ERROR: Empty field format detected.** |
| **Explanation** | The descriptor format of zero was detected. Please investigate the cause. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK335E** | **ERROR: Nucleus verification check detected {AC \| AC2} element of ISN {isn} (x'{xxxxxxxx}') from ASSO RABN {rabn} (x'{xxxxxxxx}') contains invalid DS RABN {rabn} (x'{xxxxxxxx}'). This RABN is not used by the file.** |
| **Explanation** | This error can only occur if the nucleus is active. It is an additional check the nucleus makes to ensure that the Data Storage RABN found in the address converter is actually used by the file. If it finds a problem, this error is printed. Typically, a CHK274E message will also be reported. |
| **Action** | Perform an FCBPRINT to check the Data RABNs and identify the problem. Contact your technical support representative for assistance if necessary. |

| | |
|---|---|
| **CHK335I** | **ASSO block between 10 and 14 requested, printing entire FST.** |
| **Explanation** | The entire FST will be printed in its entirety. |
| **Action** | No action is required for this informational message. |

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|---|---|
| **CHK336W** | **WARNING: Nucleus must be active to do a REPAIR.** |
| **Explanation** | REPAIR was specified in an ADACHK DSCHECK run, but the nucleus was not up at the time the repair was attempted. This error may appear multiple times if there are several DSST errors and the nucleus is down the entire time. |
| **Action** | Bring the nucleus up and try again. |

| | |
|---|---|
| **CHK337E** | **The primary ISN {nnnn} (x'{xxxxxxxx}') was not found in DS RABN {rabn} (x'{xxxxxxxx}').** |
| **Explanation** | The primary ISN was not found in the DS RABN as expected. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK338E** | **The secondary ISN {nnnn} (x'{xxxxxxxx}') was not found in DS RABN {rabn} (x'{xxxxxxxx}').** |
| **Explanation** | The secondary ISN was not found in the DS RABN as expected. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK339E** | **The ISN is invalid in the spanned DS record header of secondary ISN {nnnn} (x'{xxxxxxxx}') in DS RABN {rabn} (x'{xxxxxxxx}').** |
| **Explanation** | The ISN in the secondary ISN header is invalid. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

**CHK340I** **A call was just made to the nucleus to confirm if a validation error was real or transient. The nucleus encountered the following error attempting the validation.**

**Explanation** ADACHK made a call to the nucleus to confirm if a ADACHK VALIDATE error was transient or real. In validating the error, the nucleus encountered a different error which is displayed below.

**Action** No action is required for this informational message. Refer to the additional message for information about the new error encountered.

**CHK341E** **A spanned DS record was found for file {fn} in DS RABN {rabn} (x'{xxxxxxxx}'). This file does not allow spanned DS records.**

**Explanation** The nucleus encountered a spanned Data Storage record for a file that does not allow spanned Data Storage records.

**Action** Contact your technical support representative for assistance.

**CHK342E** **Invalid ISN parameter 901 (x'{xxxxxxxx}') passed from ADACHK to the nucleus.**

**Explanation** The ISN passed to the nucleus for validation was invalid for the file.

**Action** Contact your technical support representative for assistance.

**CHK343E** **Length of DE = {xx} value passed is invalid. Length = {nn}.**

**Explanation** An internal error occurred during an attempt by ADACHK to call the nucleus to determine the type of index error that occurred. An invalid length (*nn*) for the descriptor (*xx*) value was specified.

**Action** Contact your technical support representative for assistance.

**CHK344E** **DE = {fld} is not found in the index.**

**Explanation** The descriptor passed to the nucleus for validation was not found in the index.

**Action** Contact your technical support representative for assistance.

**CHK345E** **Primary indicator not set for what was expected to be a primary ISN; DS RABN {rabn} (x'{xxxxxxxx}') .**

**Explanation** The ISN being validated was determined to be for a spanned Data Storage record, but did not have the primary indicator set.

**Action** Contact your technical support representative for assistance.

**CHK346E** **The DS RABN {rabn} (x'{xxxxxxxx}') passed to the nucleus for verification does not belong to any of the file extents. Error sequence number {n}**

**Explanation** The Data Storage RABN passed from ADACHK to the nucleus did not belong to the file extents.

**Action** Contact your technical support representative for assistance.

**CHK347I** **A call was just made to the nucleus to confirm if an index type error was real or transient. The nucleus encountered the following error attempting the validation.**

**Explanation** ADACHK made a call to the nucleus to determine if the index error was transient or real. In validating the error, the nucleus encountered one of the following errors: **CHK343E**, **CHK348E**, **CHK349E**, **CHK350E**, **CHK351E**, **CHK352E**, or **CHK408E**.

**Action** No action is required for this informational message. Review the action for the other error messages that appear with this message.

**CHK348E** **Invalid sub-function parameter {xx} passed from ADACHK to the nucleus.**

**Explanation** An internal error occurred during an attempt by ADACHK to call the nucleus to determine the type of index error that occurred. The invalid subfunction shown in the message (*xx*) was requested.

**Action** Contact your technical support representative for assistance.

**CHK349E** **Invalid number of RABN/update count pairs: {nn} passed from ADACHK to the nucleus.**

**Explanation** An internal error occurred during an attempt by ADACHK to call the nucleus to determine the type of index error that occurred. An invalid number of RABN/update count pairs (*nn*) was specified.

**Action** Contact your technical support representative for assistance.

**CHK350E** **Invalid target index level {nn} passed from ADACHK to the nucleus.**

**Explanation** An internal error occurred during an attempt by ADACHK to call the nucleus to determine the type of index error that occurred. An invalid index level (*nn*) was specified.

**Action** Contact your technical support representative for assistance.

**CHK351E** **Invalid index RABN {rabn} (x'{xxxxxxxx}') passed from ADACHK to the nucleus. The RABN does not belong to any of the file extents.**

**Explanation** An internal error occurred during an attempt by ADACHK to call the nucleus to determine the type of index error that occurred. One or more of the index RABNs specified in the index RABN/update count pairs was outside of the file extents. The first invalid RABN encountered is shown in the message (*rabn*).

**Action** Contact your technical support representative for assistance.

**CHK352E** **The record buffer specified could not hold all records.**

**Explanation** An internal error occurred during an attempt by ADACHK to call the nucleus to determine the type of index error that occurred. The record buffer specified could not contain all blocks to be returned from the nucleus.

**Action** Contact your technical support representative for assistance.

**CHK353I** **Problem attempting read of last type RABN NN (x'{xxxx}'). JCL may not be correct.**

**Explanation** There was an error attempting to read the RABN.

**Action** No action is required for this informational message.

**CHK355I** **ADACHK function {ACCHECK|DSCHECK|ICHECK|VALIDATE} in progress.**

**Explanation** When specifying LAYOUT=LONG with the CHECK function, this message displays which function is currently in progress.

**Action** No action is required for this informational message.

**CHK356W** **WARNING: Unreachable {NI|UI} blocks were detected.**

**Explanation** An NI or UI index block exists that is not used and is not in the unused RABN chain.

**Action** No immediate action is required. However, the RABN block cannot be used until either the Associator is reordered or an UNLOAD/LOAD sequence is performed.

**CHK357E** **Error: First element of MI block with the forward index compression option on must not be compressed. MI RABN {rabn} (X'{xxxxxxxx}'), offset X'{xxxx}'.**

**Explanation** The first element of an MI block is compressed and the forward index compression option is on. This is an error.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK358E** **ISNs are not in ascending sequence in MI block. MI RABN {rabn} (X'{xxxxxxxx}'), offset X'{xxxx}'.**

**Explanation** The ISNs in the MI block are not in ascending sequence.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK359E** **Error: MI value/ISN LE previous NI value/ISN. {idx-level1} index element located in RABN {rabn} (x'{xxxxxxxx}'), offset x'{xx}'. Current {idx-level2} element located in RABN {rabn} (x'{xxxxxxxx}'), offset x'{xx}' .**

**Explanation** An MI element has a value that is less than or equal to the value in the last NI element in the previous NI block. If the values are equal, the ISN in the MI element must be greater than the ISN in the previous NI element.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK361W** **WARNING: Nucleus must be active to reset the rotating AC ISN pointer.**

**Explanation** RESET was specified for the ACSCAN function but the database was not currently active.

**Action** Please retry the operation with the nucleus active.

**CHK362E** **ADACHK is unable to RESET the ISN due to the following unexpected nucleus response {nn}**

**Explanation** The call to the Adabas nucleus received the above response code, nn, and therefore the RESET did not execute successfully.

**Action** Determine the cause of the response and correct it. Reference the Adabas response codes list for additional information. If you need assistance, contact your technical support representative.

**CHK363E** **ERROR: The Parent field {fld} for sub-/superfield/descriptor {descriptor} has the LOB option set.**

**Explanation** A parent field error occurred; the parent field for the subfield, superfield, subdescriptor, or superdescriptor has the LB (large object) option set.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK401W** **WARNING: File {fn} is in LOAD status.**

**Explanation** A previous ADALOD failed for the file.

**Action** Correct the file status and rerun ADACHK:

- restart the ADALOD job;
- delete the file and rerun the ADALOD job; or
- restore the SAVE file copy and rerun the ADALOD job.

| | |
|---|---|
| **CHK402W** | **WARNING: File {fn} is in REORDER status.** |
| **Explanation** | A previous reorder failed for the file. |
| **Action** | Correct the file status and rerun ADACHK. Delete the file or overwrite it using ADAORD STORE or ADASAV RESTORE/RESTONL. |

| | |
|---|---|
| **CHK403W** | **WARNING: File {fn} is in RESTORE status.** |
| **Explanation** | A previous ADASAV job failed. |
| **Action** | Correct the file status and rerun ADACHK. Delete the file or overwrite it using ADAORD STORE or ADASAV RESTORE/RESTONL. |

| | |
|---|---|
| **CHK404W** | **WARNING: File {fn} is in REFRESH status.** |
| **Explanation** | A previous REFRESH job against the file was interrupted. |
| **Action** | Correct the file status and rerun ADACHK. Delete the file or overwrite it using ADAORD STORE or ADASAV RESTORE/RESTONL. |

| | |
|---|---|
| **CHK405W** | **WARNING: Cannot validate CHECKPOINT FILE = {fn}.** |
| **Explanation** | An error occurred while validating the checkpoint file. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK406W** | **WARNING: Cannot validate SECURITY FILE = {fn}.** |
| **Explanation** | An error occurred while validating the security file. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CHK408E** | **ERROR: Invalid field name {fld} in DESCRIPTOR parameter.** |
| **Explanation** | The descriptor passed to the nucleus for validation was not a valid descriptor. |
| **Action** | Contact your technical support representative for assistance. |

| | |
|---|---|
| **CHK411E** | **ERROR: Parameter SORTTYPE is incorrect. Values of SORTTYPE can only be INTERNAL or EXTERNAL .** |
| **Explanation** | An invalid value was specified for the SORTTYPE parameter. Valid values are INTERNAL or EXTERNAL. |
| **Action** | Specify a valid value for SORTTYPE and rerun the ADACHK job. |

**CHK412E** **ERROR: ERRLIM = {errlim} is exceeded. Processing terminated .**

**Explanation** The value of the ERRLIM parameter has been exceeded.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK413E** **ERROR: Parameter {parm} is incorrect.**

**Explanation** The parameter listed in the message (*parm*) is specified incorrectly.

**Action** Correct the parameter specification and rerun the ADACHK job.

**CHK414E** **ERROR: Length of DE = {desc} from DATA exceeds the maximum possible = 15. DE-format – {PACKED | UNPACKED), ISN = {nnnn} (x'{xxxx}'), Length = {len}.**

**Explanation** The length of the descriptor from Data Storage exceeds the maximum possible length.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK415E** **ERROR: Value of DE = {value} from DATA is incorrect. DE-format - {PACKED | UNPACKED), ISN = {nnnn} (x'{xxxx}'), Length = {len}, Value = x'{xx}' .**

**Explanation** The valud of a descriptor from Data Storage is invalid.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK416W** **WARNING: Value for field {fld} has been truncated. Errors for this field may be due to truncated values. Specify a larger MAXDESCLEN to avoid truncation of data storage record field values .**

**Explanation** The value for the field listed in the message (*fld*) has been truncated.

**Action** Increase the setting of the MAXDESCLEN parameter to avoid truncation of the Data Storage field values. Then run the ADACHK job again.

**CHK417I** **The longest truncated field value was {nn} bytes. This value belongs to descriptor {desc}. Specify MAXDESCLEN at least this size on next run.**

**Explanation** This message provides information about field values truncated during ADACHK processing.

**Action** Specify a setting for the MAXDESCLEN parameter that is at least the value specified in the message (*nn*). Then rerun the ADACHK job again.

**CHK418E** **The value for LWP is invalid. Minimum is 102400 (100K). Maximum is 2147483647 (x'{xxxxxxxx}') or 9223372032559808512 (x'{xxxxxxxxxxxxxxxx}') when running in a virtual 64bit environment.**

**Explanation** The specified value for the LWP parameter is invalid.

**Action** Correct the LWP value and try again.

**CHK498I** **{function} started ******* ' {date} {time}'.**

**Explanation** The date and time that the function started are given in the message. Valid function names are ACCHECK, DSCHECK, ICHECK, ASSOPRINT, CLOGPRINT, DATAPRINT, DSIMPRINT, DSSTPRINT, FCBPRINT, FDTPRINT FSTPRINT GCBPRINT, NIPRINT, PLOGPRINT, PPTPRINT, RLOGPRINT, SORTPRINT, TEMPPRINT, UIPRINT, VALIDATE, WORKPRINT, and CHECK.

**Action** No action is required for this informational message.

**CHK499I** **{function} ended ******* ' {date} {time}'.**

**Explanation** The date and time that the function ended are given in the message. Valid function names are ACCHECK, DSCHECK, ICHECK, ASSOPRINT, CLOGPRINT, DATAPRINT, DSIMPRINT, DSSTPRINT, FCBPRINT, FDTPRINT FSTPRINT GCBPRINT, NIPRINT, PLOGPRINT, PPTPRINT, RLOGPRINT, SORTPRINT, TEMPPRINT, UIPRINT, VALIDATE, WORKPRINT, and CHECK.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CHK997I** **Invalid input parameters for {fx}.**
**{rabn-list}.**

**Explanation** Invalid parameters were specified for the ADACHK function (*fx*) listed in the message. A list of RABNs in the Associator, Data Storage, Work and DSST is displayed.

**Action** Correct the input parameters for the ADACHK function listed in the message. Then rerun the ADACHK job.

# 75 ADACHK Utility CRV* Decompression Messages

| | |
|---|---|
| **CRV001E** | **ERROR: Invalid length for non null suppressed field {fld}.** |
| **Explanation** | A compressed field that is not null-suppressed has a length indicator of x'00', x'01', x'8000', x'8001', or x'8002'. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CRV002E** | **ERROR: Insufficient record length for field {fld}.** |
| **Explanation** | A field with FI option has a length that exceeds the remaining record length. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CRV003E** | **ERROR: Field length exceeds 253 bytes for field {fld}.** |
| **Explanation** | A field whose exclusive length exceeds 253 and is not defined with LA option.<br>**Note:** Embedded LOB values for fields defined with LB option should not exceed 253 bytes. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CRV004E** | **ERROR: End of FDT encountered before end of record.** |
| **Explanation** | The end of the FDT has been reached but not the end of the record (an MU or PE at the end of the FDT can repeat). |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CRV005E** | **ERROR: LOB indicator exists for field {fld} but field does not have LB option.** |
| **Explanation** | A LOB reference indicator exists for a field not defined with LB option. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CRV006E** | **ERROR: LOB reference is not properly formatted for field {fld}.** |
| **Explanation** | A LOB reference is not properly formatted (e.g. x'C0' is not followed by x'80'). |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CRV007E** | **ERROR: Insufficient length remaining for LOB reference for field {fld}.** |
| **Explanation** | A LOB reference exceeds the remaining record length. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CRV008E** | **ERROR: Field {fld} defined with FI option but flagged as empty.** |
| **Explanation** | The field identified in the message (*fld*) is defined with the FI (fixed format) option but appears to be empty. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CRV009E** | **ERROR: Field {fld} defined with NN option but flagged as empty.** |
| **Explanation** | The field identified in the message (*fld*) is defined with the NN (not null) option but appears to be empty. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CRV010E** | **ERROR: Field {fld} defined without NU and NC option but flagged as empty.** |
| **Explanation** | The field identified in the message (*fld*) is empty but is defined without either the NU (null suppression) or NC (not counted) options. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

**CRV012E** **ERROR: Alpha field {fld} has last byte of blank with inconsistent options.**

**Explanation** An alphanumeric field without the NB option and with the NU option has a last byte of x'40'. This is not possible unless the field has a one-byte length of x'02' or is defined with the FI option.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CRV013E** **ERROR: Value for packed field {fld} exceeds 15 bytes.**

**Explanation** A packed/unpacked field with (exclusive) length exceeding 15

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CRV014E** **ERROR: Packed field {fld} not correctly compressed.**

**Explanation** A packed/unpacked field has a leading x'00' as its first byte, indicating it might not be correctly compressed. This is not possible unless the field has the FI option.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CRV015E** **ERROR: Packed field {fld} not null-suppressed.**

**Explanation** A packed/unpacked field defined with NU option and with x'02' as its length where the data byte is x'0D' or x'0F' (e.g. the field should have been null-suppressed).

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CRV016E** **ERROR: Packed field {fld} contains invalid data.**

**Explanation** A packed/unpacked field is not a properly packed value (e.g. any numbers ending with x'nA', x'nB'', x'nC', or x'nE' are invalid).

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CRV017E** **ERROR: Value for binary field {fld} exceeds 126 bytes.**

**Explanation** A binary field has a (exclusive) length exceeding 126 bytes.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CRV018E** **ERROR: Binary field {fld} not correctly compressed.**

**Explanation** A binary field with leading x'00' as its first byte has a one-byte length that exceeds x'02' (e.g. the field is not properly compressed). This is not applicable if the field is defined with the FI option.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CRV019E** **ERROR: Binary field {fld} not null-suppressed.**

**Explanation** A binary field defined with NU option and with x'02' as its length, but the data byte is x'00' (indicating the field should have been null-suppressed).

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CRV020E** **ERROR: Value for float field {fld} exceeds 8 bytes.**

**Explanation** A floating point field cannot exceed eight bytes.

in second record at offset x1B6 zapped float field length from x04 to x0A

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CRV021E** **ERROR: Float field {fld} not correctly compressed.**

**Explanation** A floating point field with a trailing x'00' as its last byte has a one-byte length that exceeds x'02' (e.g. the field is not properly compressed). This is not applicable if the field is defined with the FI option.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CRV022E** **ERROR: Float field {fld} not null-suppressed.**

**Explanation** A floating point field is defined with the NU option, but the data bytes are all x'00's (e.g. the field should have been null-suppressed).

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CRV023E** **ERROR: length for wchar field {fld} exceeds 252 or is less than wchar length.**

**Explanation** A wide field is defined with a length that is less than the length of the defined wide space length (e.g. 2-byte wide space length + 1).

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CRV024E** **ERROR: wchar field {fld} not correctly compressed.**

**Explanation** A wide field is defined without the NB option and with the NU option, but ends with the defined wide space.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CRV025E** **ERROR: wchar field {fld} not null-suppressed.**

**Explanation** A wide field is defined without the NB option and with the NU option, but ends with the defined wide space. This is not an error if the entire field contains only one wide space.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CRV026E** **ERROR: Value for fixed field {fld} exceeds 8 bytes.**

**Explanation** A fixed point field has a (exclusive) length that exceeds 8 bytes.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CRV028E** **ERROR: Fixed field {fld} not null-suppressed.**

**Explanation** A fixed point field is defined with the NU option, but the data bytes are all x'00's (e.g. the field should have been null-suppressed).

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CRV029E** **ERROR: MU Field {fld} has an invalid count.**

**Explanation** A field is defined as an MU field, but has an MU count of zero.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

**CRV030E** **ERROR: MU Field {fld} has two byte value. File not defined with two byte MUs.**

**Explanation** A two-byte MU count is indicated (x'C0') for a field, but the field is not defined with a two-byte MU/PE option.

**Action** Determine the cause of the error and correct it. If you need assistance, contact your technical support representative.

| | |
|---|---|
| **CRV031E** | **ERROR: MU Field {fld} has invalid two byte value.** |
| **Explanation** | A two-byte MU count is indicated (x'C0') for a field, but the next byte is not x'02'. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CRV032E** | **ERROR: MU Field {fld} at end of record.** |
| **Explanation** | The record ends with an MU count (one-byte or two-byte field). |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CRV033E** | **ERROR: PE Field {fld} has an invalid count.** |
| **Explanation** | A field is defined as a PE field, but has a PE count of zero or a count greater than 191. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CRV034E** | **ERROR: PE Field {fld} has two byte value. File not defined with two byte PEs.** |
| **Explanation** | The record ends with a PE count (a one-byte or two-byte field). |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CRV035E** | **ERROR: PE Field {fld} has invalid two byte value.** |
| **Explanation** | A two-byte PE count is indicated (x'C0'), but the file is not defined with a two-byte MU/PE option. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CRV036E** | **ERROR: PE Field {fld} at end of record.** |
| **Explanation** | The record cannot end with a PE count. This is invalid. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CRV037E** | **ERROR: Remaining MU occurrences for {fld} but insufficient data in record.** |
| **Explanation** | Remaining MU occurrences are indicated in the MU count, but the end of the record has been reached. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CRV038E** | **ERROR: Remaining PE occurrences for {fld} but insufficient data in record.** |
| **Explanation** | Remaining PE occurrences are indicated in the PE count, but the end of the record has been reached. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CRV039E** | **ERROR: Wchar field {fld} encountered for file without UES support.** |
| **Explanation** | A wide character field was encountered in a file without universal encoding support (UES). |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

| | |
|---|---|
| **CRV040E** | **ERROR: Wchar field {fld} length is invalid.** |
| **Explanation** | The Wchar length is invalid. |
| **Action** | Determine the cause of the error and correct it. If you need assistance, contact your technical support representative. |

# 76 ADACHK Utility SRT* Sort Messages

**SRT001I** **Sort statistics: {statistic-messages}**

**Explanation** This message lists various statistics about ADACHK sort processing, as described in the following table.

| Statistic Message Text | Description |
|---|---|
| Number of sort records: *nnn* records | Displays the number of records that were sorted. |
| Size of sort records: *nnn* bytes | Displays the cumulative size of the records that were sorted. |
| Size of compressed records: *nnn* bytes | Displays the cumulative size of any compressed records that were processed. |
| Highest RABN used: *nnn* | Displays the highest RABN written to the sort data sets during sort processing. |
| Number of subsequences: *nnn* | Displays the number of sorted lists created from the input records. When the sorted records are output, the available sort pool storage must be large enough to hold at least one block for every subsequence (sorted list) created during processing. |
| Size for merging available: *nnn* bytes | Displays the storage size available in the sort pool to store the data blocks read from the sort data set. |
| Size for merging used: *nnn* bytes | Displays the storage size used in the sort pool used to store the data blocks read from the sort data set during sort processing. |
| Sort completed successfully | Displays that sort processing completed successfully. |

**Action** No action is required for this informational message.

**SRT002E** **Sort pool allocation failed**
**{storage-stats}**

**Explanation** This message indicates that the requested storage was not obtained. More detail is found in the storage statistics shown in the message:

| Storage Statistic Text | Description |
|---|---|
| IOR/system error codes: *codes* | Displays the IOR and system error codes produced by sort processing. |
| Storage requested: *nnn* bytes | Displays the amount of storage requested. |
| Storage allocated: *nnn* bytes | Displays the amount of storage allocated for sort processing. |

**Action** To resolve this error, do one or more of the following things:

- Reduce the value setting of the LWP parameter for the ADACHK run.
- Depending on your operating system, increase the region size for ADACHK processing.
- Depending on your operating system, use 64-bit virtual storage be used by specifying the ADARUN parameter V64BIT=YES.

**SRT003E** **Sort pool full**
**{sort-pool-stats}**

**Explanation** This message indicates that the sort pool is full. More detail is found in the sort pool statistics shown in the message:

| Sort Pool Statistic Text | Description |
|---|---|
| Number of input records: *nnn* records | Displays the number of records input to sort processing. |
| Size of input records: *nnn* bytes | Displays the cumulative size of the records input to sort processing. |
| Size of compressed records: *nnn* bytes | Displays the cumulative size of any compressed records that were input to sort processing. |
| Too many subsequences: *nnn* Increase size of Sort Pool | Indicates that there was not enough sort pool storage available to store one block per subsequence (sorted list) at the same time. |
| Increase size of Sort Pool or specify Sort data set(s) DDSORTR1/2 | Indicates that there was not enough sort pool storage available for sort processing. |

**Action** To resolve this error, do one or more of the following things:

- Increase the value setting of the LWP parameter for the ADACHK run.

- Provide one or more sort data sets (DDSORTR1 and DDSORTR2) in the job for the ADACHK run.

**SRT004E** **Invalid return code from sort exit**
**Exit: {exitname} return code {rc}**

**Explanation** An unexpected response code occurred from the sort processing exit E15/E35.

**Action** If you are using the internal sort facility (SORTTYPE=INTERNAL), contact your technical support representative for assistance. If you are using an external sort facility (SORTTYPE=EXTERNAL), contact the provider of the sort package for assistance.

**SRT005E** **Sort failed. Please refer to previous messages for details.**

**Explanation** The sorter task failed. More information is provided in other SRT* messages.

**Action** Contact your technical support representative for assistance.

**SRT006E** **Input record/byte counts not equal to output record/byte counts: {processing-stats}**

**Explanation** This message indicates that a sort processing error occurred because the count of the input records (or bytes) to the sorter task did not match the count of the output records (bytes) from the sorter task. More detail is found in the sort processing statistics shown in the message:

| Sort Processing Statistic Text | Description |
|---|---|
| Number of input records: *nnn* records | Displays the number of records input to sort processing. This text indicates that the sorter task was terminated abnormally while running the input phase or immediately after it is finished. |
| Size of input records: *nnn* bytes | Displays the cumulative size of the records input to sort processing. This text indicates that the sorter task was terminated abnormally while running the input phase or immediately after it is finished. |
| Size of compressed input records: *nnn* bytes | Displays the cumulative size of any compressed records that were input to sort processing. This text indicates that the sorter task was terminated abnormally while running the input phase or immediately after it is finished. |
| Number of output records: *nnn* records | Displays the number of records output from sort processing. This text indicates that the sorter task was terminated abnormally while running the output phase or immediately after it is finished. |
| Size of output records: *nnn* bytes | Displays the cumulative size of the records output from sort processing. This text indicates that the sorter task was terminated abnormally while running the output phase or immediately after it is finished. |

| Sort Processing Statistic Text | Description |
|---|---|
| Size of compressed output records: *nnn* bytes | Displays the cumulative size of any compressed records that were output from sort processing. This text indicates that the sorter task was terminated abnormally while running the output phase or immediately after it is finished. |

**Action** Contact your technical support representative for assistance.

**SRT007E** **Invalid invocation of ADASOR/ADAS6R/{mod} Reason code {rsn}**

**Explanation** The sorter task was invoked with faulty or illogical parameters. This messages may be printed more than one time.

**Action** Make note of the reason code provided in the message and contact your technical support representative for assistance.

**SRT009E** **SORT dataset too small**

**Explanation** This message indicates that sort data set is too small for sort processing. More detail is found in the sort processing statistics shown in the message:

| Sort Processing Statistic Text | Description |
|---|---|
| Number of input records: *nnn* records | Displays the number of records input to sort processing. This text indicates that the sorter task was terminated abnormally while running the input phase or immediately after it is finished. |
| Size of input records: *nnn* bytes | Displays the cumulative size of the records input to sort processing. This text indicates that the sorter task was terminated abnormally while running the input phase or immediately after it is finished. |
| Supply a larger SORT dataset. See the Adabas Utilities manual for instructions on how to calculate the SORT dataset size. | Indicates that a larger sort data set is needed. |

**Action** To resolve this error, consider doing one or more of the following things:

- If only one sort file was used for the run (DDSORTR1), specify a second sort data set (DDSORTR2).
- Increase the size of the sort data set(s).

| | |
|---|---|
| **SRT019I** | **{time-of-day} Start of {phase-name}** |
| **Explanation** | This messages identifies each phase of the sorter task when they start. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **SRT020I** | **{time-of-day} End of phase-name, duration: {nnn} Min {nn} Sec {nnnnnn} Micro** |
| **Explanation** | This messages identifies each phase of the sorter task when they finish and provides the duration time of the phase. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **SRT022I** | **Sort aborted by user** |
| **Explanation** | The sorter task was aborted by the user. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **SRT023E** | **The properties of the Sort Data Sets do not match for device type.**<br>**Supply identical properties for the SORT datasets and rerun the job.** |
| **Explanation** | The device types of the sort data sets must be identical. |
| **Action** | Correct the ADACHK JCL and use two sort data sets with identical device types. |

| | |
|---|---|
| **SRT025E** | **Internal error at xxxxxx**<br>**Register contents at time of error:**<br>**{register-contents}**<br>**Inform your DBA** |
| **Explanation** | An internal error occurred while the sorter was runnign in 64-bit mode. The left and right halves of the register contents are displayed in the message. |
| **Action** | Contact the database administrator (DBA) for your system. |

| | |
|---|---|
| **SRT026I** | **Highest RABN formatted: {nnn}** |
| **Explanation** | The highest RABN formatted during sort processing is given in the message. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **SRT027I** | **Sort pool allocation not successful {storage-stats}**<br>**Continue with reduced Sort pool size.** |
| **Explanation** | This message indicates that the requested storage was not obtained. The sorter will continue using a sort pool size reduced to the amount of storage that could be obtained. More detail is found in the storage statistics shown in the message: |

| Storage Statistic Text | Description |
|---|---|
| Storage requested: *nnn* bytes | Displays the amount of storage requested. |
| Storage allocated: *nnn* bytes | Displays the amount of storage allocated for sort processing. |

**Action**

No action is required for this informational message. However, after reviewing the statistics shown in the message, consider the following possible actions.

- Review the size of the LWP ADARUN parameter specified.
- Determine if the use of sort data sets is appropriate for this job. For more information, read *Sort Data Set Considerations*, in the *Adabas Utilities Manual*.
- Increase the region size.
- If possible, switch to 64-bit addressing mode.

# 77 ADACMP Utility Messages

**ERROR-122** **Missing function code**

**Explanation** One of the keywords COMPRESS or DECOMPRESS must be specified.

**Action** Supply the required function keyword to the input and then rerun the job.

**ERROR-123** **Missing field definition table (FDT)**

**Explanation** The parameter input must contain either the field definition table or the parameter "FDT=file-number".

**Action** Add a valid FDT parameter, and then rerun the job.

**ERROR-124** **Error reading field definition table (FDT)**

**Explanation** The nucleus returned response code *nn* while reading the field definition table (FDT). "response" is the nucleus response.

**Action** Investigate the cause of the error; correct it and rerun the job.

**ERROR-125** **Invalid value for parameter `UTYPE'**

**Explanation** Valid values are UTYPE=EXU or UTYPE=EXF.

**Action** Supply the correct parameter value, and then rerun the job.

**ERROR-126** **Invalid input data set**

**Explanation** The input data set (DDEBAND) must have a record format of variable or variable blocked.

**Action** Supply a correct input data set and rerun the job.

**ERROR-127** **Syntax / semantic error found during field definition table (FDT) compilation**

**Explanation** ...cause of message displayed here...

Some of the causes are:

- an SQL null field (NC) was specified with the NU (null suppression) option, or for a fixed-point (FI) field type.
- a multiple-value (MU) field or an occurrence in a periodic (PE) group was specified as an SQL null value (NC option) field.
- more than 254 elementary fields were defined in the specified (`xx') periodic (PE) group.

**Action** Correct the field definition table (FDT) definition, and then rerun the job.

**ERROR-128** **Invalid value for the parameter `CODE'**

**Explanation** The value specified for the CODE parameter is either incorrect, or the CODE parameter is not valid in this case.

**Action** Either remove the CODE parameter, or specify at most eight digits, or blanks. Rerun the job. Refer to the Adabas Security documentation for more information.

**ERROR-129** **The supplied format buffer is wrong**

**Explanation** "FORMAT=*xxxxxxxx*" or "FORMAT=**" is incorrect.

**Action** Specify a correct value for format, and then rerun the job.

**ERROR-130** **Hyperexit not loaded**

**Explanation** The hyperdescriptor exit number *nnnn* has not been defined to ADACMP.

**Action** Add the HEXnn parameter to the ADARUN input, and rerun the job. The HEX parameter nn defines the hyperdescriptor exit to ADACMP.

**ERROR-131** **Invalid value for the `SORTSEQ' parameter**

**Explanation** The following values are allowed:

| | |
|---|---|
| SORTSEQ=ISN | to process an ISN sequence. |
| SORTSEQ=DE | where DE is any descriptor whose parent field is not an MU field or contained in a periodic group; that is not a phonetic descriptor or hyperdescriptor and does not have the NU option. |

**Action** Supply the correct parameter value, and rerun the ADACMP job.

**ERROR-132** **Descriptor {desc-name} for file {file-number} has the `NU' option**

**Action** Select another descriptor, or add the parameter NU to the utility input. In this case, records may be lost. See the ADACMP utility description in the Adabas Utilities documentation for more information.

**ERROR-133** **Parameter ETID not allowed**

**Explanation** The ADACMP utility ETID parameter may only be specified if the INFILE parameter is also specified.

**Action** Check the parameter input, correct any incompatibility or other error, and then rerun the job.

**ERROR-135** **Incorrect FDT found in input data set**

**Explanation** One of the following is the case:

- the field definition table (FDT) expected in the first record is missing, or
- the FDT structure read from the input data set does not satisfy the rules.

**Action** Check whether the input data set is valid. Supply a correct input data set and rerun the job.

**ERROR-136** **Parameter error**

**Explanation** At least one of the parameters UACODE, UWCODE, FACODE, FWCODE, or FWUCODE contains an invalid value. Valid encoding values are 0-4095.

**Action** Correct the encoding key value and rerun the job.

**ERROR-137** **Parameter error**

**Explanation** The architecture key parameter UARC contains an invalid value. Valid values are 0-11.

**Action** Correct the architecture key value and rerun the job.

**ERROR-138** **UES object {object} failed to load**

**Explanation** The required UES object specified was not loaded. It is likely that the object does not exist in the UES data set.

**Action** Locate the required object and load it.

**ERROR-139** **UES internal error**

**Explanation** This error usually results when at least one required UES object is missing.

**Action** Determine which object(s) is missing and reload it.

**ERROR-140** **UES initialization failed**

**Explanation** Additional error messages follow that indicated the source of the error.

**Action** Correct the problem and rerun the job.

**ERROR-141** **UACODE/UWCODE/UARC specified, but no FACODE/FWCODE specified or implied**

**Explanation** The utility does not have access to the nucleus information about the file. You must specify all values.

**Action** Either remove the user encoding values (UACODE/UWCODE/UARC) or specify the file encoding values (FACODE/FWCODE) as well.

**ERROR-142** **Wide field detected but length uneven**

**Explanation** The length must be a multiple of the wide character size without a remainder to accommodate only full characters. For example, when using a three-byte character size, the length must be evenly divisible by 3; for a four-byte character size, the length must be evenly divisible by 4.

**Action** Correct the problem and rerun the job.

**ERROR-143** **Wide field detected but FUCODE not specified**

**Explanation** Wide fields must specify code page information; that is, a wide-character field encoding such as FWCODE=4095 (Unicode).

**Action** Correct the problem and rerun the job.

**ERROR-144** **Invalid ET-ID**

**Explanation** When running DECOMPRESS on a multiclient file, Adabas processes either

- the entire file if ET-ID is not specified; or
- the selection of records allowed for the client identified by ET-ID.

The user ID referred to by the `ETID' parameter is either not defined or has not been assigned an owner ID.

**Action** Investigate the cause of the error; correct it; and rerun the job.

**ERROR-145** **Invalid spanned record encountered**
**Input record count = {count}**

**Explanation** An ADACMP DECOMPRESS run encountered an invalid spanned compressed record in the input.

**Action** Contact your our support representative for assistance.

**ERROR-148** **DDFEHL record length too small**
**Must be at least 500 bytes**

**Explanation** The DDFEHL error data set must have a record length of at least 500 bytes to accommodate the ADAF header and the initial logical record segment.

**Action** Assign a larger sequential record length to the DDFEHL data set and try again.

**ERROR-149** **MAXLOGRECLEN less than minimum**
**Must be at least 32768 bytes**

**Explanation** The value specified for the MAXLOGRECLEN parameter is too small; it must be at least 32768 bytes.

**Action** Supply the correct parameter value and then rerun the job.

**ERROR-150** **HEADER=YES but first input record does not have a valid ADAH header**

**Explanation** The HEADER parameter was set to "YES" for an ADACMP COMPRESS run, but the first uncompressed input record does not have a valid ADAH header.

**Action** Review the input records and determine whether the input records are in error or whether the HEADER parameter should be set to "NO" instead. if the problem persists, contact your our support representative for assistance.

**ERROR-151** **DDAUSBA record length too small**
**Must be at least {number} bytes**

**Explanation** The DDAUSBA data set record length is too small for ADACMP DECOMPRESS processing. If the HEADER parameter is set to "NO", the minimum length is the length of the record descriptor word (RDW) plus one byte. if the HEADER parameter is set to "YES", the minimum length is the length of the RDW plus the length of the ADAH or ADAC header plus one byte.

**Action** Assign a larger sequential record length to DDAUSBA and try again.

**ERROR-152** **DDAUSB1 record length too small.**
**Must be at least {nnn} bytes.**

**Explanation** The DDAUSB1 data set record length is too small for COMPRESS with LOBVALUES=YES. The record length must be large enough to accommodate the compressed record length determined by the LOBDEVICE parameter and control information.

**Action** Assign a larger sequential record length to DDAUSB1 or reevaluate the LOBDEVICE parameter setting. Then try again.

**ERROR-153** **Code specified but LOB fields exist for file**

**Explanation** The CODE parameter is not supported for files containing large object (LB option) fields.

**Action** Specify a different file or remove the CODE parameter and try again.

**ERROR-154** **LOBVALUES=YES but no LOB fields exist for file.**

**Explanation** The LOBVALUES parameter should only be set to YES for input files that have large object (LB) fields.

**Action** Investigate the cause of the error and try again.

**ERROR-155** **LOBVALUES=YES with DECOMPRESS requires INFILE.**

**Explanation** The ADACMP DECOMPRESS function that specifies LOBVALUES=YES requires that the INFILE parameter be set to the *base file* of a *LOB file group* in order to populate the LOB values in the uncompressed records.

**Action** Specify an INFILE parameter and try again.

**ERROR-156** **Decompress of a LOB file is not permitted.**

**Explanation** You cannot run the ADACMP DECOMPRESS function on a *LOB file*. It can only be specified on the *base file* of a *LOB file group*.

**Action** Ensure the input file is specified correctly and is not a *LOB file* and try again.

**ERROR-157** **Invalid LOB information detected for file {filenum}**

**Explanation** The ADACMP DECOMPRESS INFILE with LOBVALUES=YES did not detect a valid *LOB file*. Either no *LOB file* is associated with the *base file* referenced in the message (`filenum`) or the *LOB file* information in the *base file* is invalid.

**Action** Ensure the specified *base file* is properly associated to a *LOB file* and try again.

**ERROR-158** **Error during hyperexit call**
**A call to hyperexit number {nn} resulted in a response 79 with subcode {code}**

**Explanation** A hyperdescriptor exit call failed with response code 79 (ADARSP079) and the subcode given in the message.

**Action** Investigate the subcode to determine the reason for the error.

**ERROR-159** **Invalid LOB field specification in FORMAT parameter**

**Explanation** The FORMAT parameter contains an invalid LB (large object) field specification.

**Action** Review the restrictions for specifying LB fields in the FORMAT parameter with LOBVALUES=NO. Correct the FORMAT parameter and rerun the job.

**ERROR-161** **The DST parameter also requires the TZ parameter**

**Explanation** If you specify the DST parameter, you must also specify a valid TZ parameter.

**Action** Supply the correct parameter values and rerun the job.

**ERROR-162** **The TZ parameter is required when the FDT has a field with the TZ option**

**Explanation** A field with the TZ option was found in the FDT, but the TZ parameter was not specified in the ADACMP run.

**Action** Supply the correct parameter values and rerun the job.

**ERROR-163** **The time zone specified by the TZ parameter is invalid**

**Explanation** An invalid time zone value was specified in the TZ parameter. The time zone specified must be a valid time zone name contained in the TZINFO member of the Adabas time zone library (ADAvrs.TZ00).

Adabas uses the time zone data taken from the **tz database**, which is also called the zoneinfo or Olson database. The specific list of time zone names that Adabas supports in any given release can be found in the TZINFO member of the Adabas time zone library (ADAvrs.TZ00). For more information about the TZINFO member of the time zone library, read *Supported Time Zones*, in the *Adabas DBA Tasks Manual*.

**Action** Supply a valid parameter value and rerun the job.

**ERROR-164** **FACODE should be an EBCDIC type and a Single Byte Coding System**
**Check supplied UES Encodings.**

**Explanation** A code system specified in the FACODE parameter is not known or is not EBCDIC or is not a single-byte encoding system.

**Action** Check the documentation section *Supplied UES Encodings* in the *Adabas User, Hyperdescriptor, Collation Descriptor, and SMF Exits Manual* for the valid code and correct the job parameter accordingly.

# 78 ADACNV Utility Messages

This document describes conversion errors that might occur.

| | |
|---|---|
| **ERROR-121** | **Version {to-version} not supported** |
| **Explanation** | Version number specified with parameter "TOVERS" is not supported by ADACNV. |
| **Action** | Change the parameter to a supported version and rerun the utility. |

| | |
|---|---|
| **ERROR-122** | **Conversion not permitted for version 5.1 and below** |
| **Explanation** | The current version of the database is 5.1 or below. Conversion could only be performed from version 5.2 and above. |
| **Action** | Convert the database to version 5.2 by starting and stopping the version 5.2 Adabas nucleus, then rerun ADACNV. |

| | |
|---|---|
| **ERROR-123** | **Conversion not possible because the DIB block is not empty** |
| **Explanation** | The DIB block is not empty, conversion is not possible. |
| **Action** | Shut down the Adabas nucleus, wait for all utilities to complete, and rerun ADACNV. |

| | |
|---|---|
| **ERROR-125** | **Conversion not possible because of pending autorestart** |
| **Explanation** | The Work data set is not empty. Conversion is not possible. |
| **Action** | To remove the pending autorestart, restart the nucleus and end it normally. |

| | |
|---|---|
| **ERROR-126** | **DDFILEA block size too small** |
| **Explanation** | The DDFILEA block size ("block size" bytes) is too small to write a record with a length of "length" bytes. |
| **Action** | Assign DDFILEA to a device type with a larger sequential block size. |

| | |
|---|---|
| **ERROR-127** | **Conversion to version {vr} not possible.**<br>**FDT for file {fn} does not fit into 4 ASSO blocks.** |
| **Explanation** | You cannot convert to the version listed in the message (*vr*) because the file listed in the message (*fn*) does not fit into four Associator blocks. |
| **Action** | Delete the file listed in the message (*fn*) and rerun the ADACNV job. |

| | |
|---|---|
| **ERROR-132** | **DDFILEA (FILEA) structure mismatch** |
| **Explanation** | DDFILEA (FILEA) has an invalid structure. This is probably a job control (JCL) statement error. |
| **Action** | Correct any error and rerun the ADACNV job. |

| | |
|---|---|
| **ERROR-133** | **File {fn} has version {vr} feature on, backward conversion impossible** |
| **Explanation** | You cannot convert to the version you requested because at least one version *vr* feature was used for the file listed in the message (*fn*). |
| **Action** | Remove the version *vr* features and rerun the ADACNV job. |

| | |
|---|---|
| **ERROR-134** | **Conversion not possible because protection log has not been copied** |
| **Explanation** | The PLOGRn data set is not free. Conversion fails. |
| **Action** | Run ADARES PLCOPY to free the PLOG data set(s); then rerun the ADACNV job. |

| | |
|---|---|
| **ERROR-135** | **Conversion not possible because alternate RABNS are assigned** |
| **Explanation** | Alternate RABNs are not supported by Adabas version 7.2 and above. |
| **Action** | Use ADAORD to reorder the database before converting it from a version of Adabas version 7.1 or below to Adabas version 7.2 or above. |

| | |
|---|---|
| **ERROR-136** | **Open PLOGR{n} error for NUCID= {nucid}, DSNAME= {plog-name}** |
| **Explanation** | The parallel participant table (PPT) entry contains a protection log (PLOG) data set with the specified number and name. ADACNV was unable to open the data set. The data set may have been deleted, or it may not be cataloged, or it may contain PLOG data that has not yet been copied. |
| **Action** | Provide access to the specified data set or use the IGNPPT parameter and rerun the job. |

**ERROR-137** **I/O error reading PLOGR{n} for NUCID= {nucid} , DSNAME= {plog-name}**

**Explanation** The parallel participant table (PPT) entry contains a protection log (PLOG) data set with the name and number specified. ADACNV was unable to read the first block of this data set. The data set has probably been destroyed.

**Action** Determine the cause of the error; correct it and rerun the job.

**ERROR-138** **Conversion is not permitted for Event Replicator Servers.**

**Explanation** Backward conversion of an Event Replicator Server is not supported prior to Adabas version 7.4.

**Action** Investigate the cause of the error.

**ERROR-139** **Conversion is not permitted when a {REPLICATOR | SLOG} file is loaded.**

**Explanation** Backward conversion of a database is not possible when a Replicator or SLOG system file is loaded.

**Action** Investigate the cause of the error.

**ERROR-140** **ASSO RABN allocation failed**
**An attempt was made to allocate {n} ASSO blocks**

**Explanation** The allocation of the PPT area failed. An attempt was made to allocate *n* ASSO blocks.

**Action** Correct the error and rerun the job.

**ERROR-141** **Conversion back to V74 not possible**

**Explanation** The database has more than five physical ASSO or DATA extents. It cannot be reverted back to an Adabas 7 database.

**Action** Contact your technical support representative for assistance.

**ERROR-142** **Conversion back to V74 not possible**

**Explanation** One or more system file numbers is greater than 255.

**Action** Adjust the system file numbers so they are less than 255 and try again.

**ERROR-144** **Conversion not required**

**Explanation** The Adabas version of the database is the same as the version requested in the ADACNV run.

**Action** No action is required for this informational message.

**ERROR-145** **Conversion back to V74 not possible. More than 6 user system files exist.**

**Explanation** Adabas 7 allowed a maximum of six user system files (files loaded with the SYSFILE option). More than six user system files currently exist.

**Action** Unload, delete, and reload the additional user system files without the SYSFILE option. Then rerun this utility.

**ERROR-146** **Conversion back to V74 not possible. Unknown system file {nnnnn} exists.**

**Explanation** The user system file identified in the message (*nnnnn*) exists in the reserved area of the GCB.

**Action** Unload, delete, and reload the system file with the SYSFILE option to place the file number in the correct area of the GCB. Then rerun this utility.

**ERROR-147** **File {nnnn} has new index structure active.**
**Backward conversion prior to V83 is not allowed**

**Explanation** The file identified in the message (*nnnn*) is using a new index structure. It cannot be converted backward to a version prior to Adabas 8.3

**Action** Run ADAREP to identify all files that have the advanced index structure. For those files, ADAREP prints the line '`Index structure ... Advanced`' in the file detail section. Eliminate the new index structure, then rerun this utility. There are a number of ways the new index structure can be eliminated:

- Unload, delete, and reload the file.
- Run the ADAORD REORASSO utility function.
- Run the ADAORD REORDB utility function.
- Run the ADAORD REORFASSO utility function for that file.
- Run the ADAORD REORFILE utility function for that file.
- Run the ADAORD RESTRUCTUREDB utility function followed by the ADAORD STORE utility function.
- Run the ADAORD RESTRUCTUREF utility function followed by the ADAORD STORE utility function for that file.

**Conversion to version {yy} feasible**

**Explanation** In the first phase of conversion, this message is printed to indicate that the conversion of the database is possible.

**Point of no return reached**

**Explanation** The ADACNV utility has begun its final pass. Any abend after this point requires a new run of the utility with the RESTART parameter.

**Conversion from version {xx} to version {yy} started**

**Explanation** In the first phase of conversion, a conversion step has started.

**Conversion is completed**

**Explanation** The conversion step has been successfully completed.

**The mirror table (ASSO RABN 7) has been cleared**

**Explanation** Adabas Reflective Database is not supported by Adabas version 7 and above.

**The BUB (ASSO RABN 2) has been cleared**
**Alternate RABN definitions were found but no alternate RABNS were assigned**

**Explanation** Alternate RABNs are not supported by Adabas version 7.2 and above.

**Security by value converted normally**

**Explanation** Security-by-value conversion has been successfully completed.

**Some FST entries are deleted**

**Explanation** At least one FST entry does not fit into one FST block due to the FST structure change. The entry or entries with the smallest RABN range(s) are deleted.

ADACNV finishes with a warning and response code 4 (ADARSP004).

**Action** Run ADAORD REORDB after conversion.

# 79 ADADBS Utility Messages

| | |
|---|---|
| **ERROR-114** | **Invalid value for parameter ASSOPFAC or DATAPFAC** |
| **Explanation** | The value for a padding factor must be in the range 1 to 90%. |
| **Action** | Correct the parameter value and rerun the job. |

| | |
|---|---|
| **ERROR-121** | **Invalid encoding value (1-4095)** |
| **Explanation** | A valid encoding value is in the range 1 through 4095. |
| **Action** | Supply a valid encoding value for the parameter and rerun the job. |

| | |
|---|---|
| **ERROR-122** | **Invalid file number specification** |
| **Explanation** | Depending on the function to be performed, one or more file numbers must be supplied. |
| **Action** | Supply the correct parameter value and rerun the job. Refer to the Adabas Utilities documentation for more information. |

| | |
|---|---|
| **ERROR-123** | **Invalid value for the parameter MODE** |
| **Explanation** | Either ON or OFF is required to specify the new mode for reuse of DS or ISNs. |
| **Action** | Supply the correct parameter value and rerun the job. |

| | |
|---|---|
| **ERROR-124** | **Invalid value for the parameter PRTY** |
| **Explanation** | A valid value is in the range 1 through 255. |

**ERROR-125** **Invalid value for the parameter ASSOSIZE/DATASIZE**

**Explanation** One of the parameters ASSOSIZE or DATASIZE is mandatory. You cannot use both.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-126** **Invalid value for a SIZE parameter**

**Explanation** Either the *xx*SIZE parameter specified an incorrect value, or more than one *xx*SIZE parameter was specified.

**Action** Supply the correct parameter value and rerun the job. Only one SIZE parameter can be specified. The value must be specified in blocks. Choose one of the following sizes:

- ACSIZE
- DSSIZE
- NISIZE
- UISIZE

**ERROR-127** **Invalid value for the parameter LENGTH, OPTION, or FORMAT**

**Explanation** The following rules apply:

- P is the only acceptable value for FORMAT.
- Only one of the LENGTH, OPTION, or FORMAT parameters can be specified.
- If specified, the value of the LENGTH parameter must be greater than zero and less than or equal to the permitted maximum according to the requested field's format.
- If specified, the only OPTION parameter value permitted is LA.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-128** **Invalid value for the parameter TODATE**

**Explanation** The parameter TODATE must be specified in the format:

TODATE=YYYYMMDD

**Action** Supply the correct parameter value and rerun the job.

**ERROR-129** **Mandatory parameter user ID missing**

**Explanation** The priority is assigned to a specific user which is uniquely identified by its user ID. The user ID parameter is missing.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-130** **Invalid value for the parameter descriptor**

**Explanation** The value is one of the following:

- missing;
- not found in the FDT; or
- found in the FDT, but is not a descriptor.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-131** **Invalid value for the parameter name**

**Explanation** A valid value for the NAME parameter is required.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-132** **Jobname or IDENT parameter missing**

**Explanation** Specify at least one of these parameters. Data integrity may be lost if the whole DIB block is reset. The DDIB operator command may be used to obtain information about the current contents of the DIB.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-133** **Invalid or missing field name**

**Explanation** One of the following conditions exists:

- Field name is missing;
- Field name not found in FDT;
- Field is a group, subdescriptor.....;
- Field has FI option.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-134** **Invalid value for the parameter {parameter}**

**Explanation** The only valid values for the parameter listed in the message are YES or NO.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-135** **Missing parameter for OPERCOM function**

**Explanation** At least one valid operator command must be supplied.

**Action** Supply a valid operator command and rerun the job.

**ERROR-137** **Size must be specified in cylinders**

**Explanation** ASSOSIZE and/or DATASIZE cannot be specified in blocks.

**Action** Supply the correct parameter value in number of cylinders and rerun the job.

**ERROR-138** **Size must be specified in blocks**

**Explanation** ASSOSIZE and/or DATASIZE cannot be specified in cylinders.

**Action** Supply the correct parameter value in number of blocks and rerun the job.

**ERROR-139** **Invalid data set number**

**Explanation** See the Adabas Utilities documentation for a description of data set numbers.

**Action** Supply the correct parameter value, and rerun the job.

**ERROR-140** **Invalid value for MAXDS, MAXNI or MAXUI**

**Explanation** The values for these parameters must be specified in blocks.

**Action** Supply a correct parameter value and rerun the job.

**ERROR-141** **Missing function parameter**

**Explanation** The specific ADADBS function was not specified in the ADADBS job.

**Action** Specify the appropriate function parameter as described in the Adabas Utilities documentation, and rerun the ADADBS job.

**ERROR-142** **Invalid value for SECUID**

**Explanation** An invalid value was specified for the SECUID operator command. Only values of **ALLOW**, **REQUIRE** or **WARN** are allowed.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-143** **Invalid value for PGMREFRESH**

**Explanation** Only "yes" or "no" are allowed as parameter values.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-144** **Invalid value for parameter REVIEW**

**Explanation** The values NO, LOCAL or hub are allowed.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-145** **Invalid Adabas state for "TRAN SUSPEND/RESUME"**

**Explanation** An online database or file save is executing, or Adabas is still processing the last TRAN SUSPEND and TRAN RESUME function.

**ERROR-146** **TRESUME timer expired before resume occurred**

**Explanation** You ran the TRAN RESUME job, but the timer set by TRESUME (defaults to 120 seconds unless set in the JCL) had already expired. Once the timer expires, Adabas immediately begins to return to "normal status".

**ERROR-147** **"TRAN SUSPEND" already in progress**

**Explanation** A TRAN SUSPEND is running. Either the timer must expire or a TRAN RESUME job must be successfully executed before another TRAN SUSPEND job can be started.

**ERROR-148** **No previous "TRAN SUSPEND" to resume**

**Explanation** No TRAN SUSPEND job has been started.

**ERROR-149** **Invalid when Adabas is "MODE=SINGLE"**

**Explanation** Adabas is running in single-user mode. MODE=MULTI is required.

**ERROR-150** **ET-SYNC failed**

**Explanation** The ET-SYNC was not successful; the database cannot be quiesced.

**Action** Contact your technical support representative.

**ERROR-151** **TARGET is invalid.**

**Explanation** Replication with TARGET = DBID, NUCID, 0, or greater than 65535 is not allowed.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-152** **Parameters NOKEY and KEY are mutually exclusive.**

**Explanation** Specifying both NOKEY and KEY is not allowed.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-153** **Conflicting parameter for replication OFF.**

**Explanation** Additional parameters are not allowed.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-154** **Invalid KEY for replication. The specified KEY field <field> is not defined as a descriptor on the file to be replicated.**

**Explanation** A replication key field must be defined as a descriptor.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-155** **Invalid KEY for replication. The specified KEY field <field> does not exist on the file to be replicated.**

**Explanation** The specified replication key field must exist.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-156** **Invalid replication request.**

**Explanation** REPLICATION ON was attempted for a file that is already replicated.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-157** **Invalid replication request.**

**Explanation** A REPLICATION MODIFY or REPLICATION OFF was attempted for a file that is not currently replicated.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-158** **Invalid FILE for replication.**

**Explanation** A replicated file must exist on the database and may not be an Adabas system file or ciphered.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-159** **Invalid replication request.**

**Explanation** REPLICATION ACTIVATE was attempted for a file that already has replication activated.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-160** **Parameters ACTIVATE and DEACTIVATE are mutually exclusive.**

**Explanation** Specifying both ACTIVATE and DEACTIVATE is not allowed.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-161** **Invalid value for parameter DSBI.**

**Explanation** The only valid values for DSBI are "ON" or "OFF".

**Action** Supply the correct parameter value and rerun the job.

**ERROR-162** **Conflicting parameter for replication ON.**

**Explanation** ACTIVATE / DEACTIVATE may not be specified.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-163** **Event Replicator Server function only allowed for Event Replicator database**

**Explanation** The ADADBS function is only valid for an Event Replicator Server.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-164** **The specified destination {destination} was not found.**

**Explanation** The destination listed in the message is not defined to the Event Replicator Server.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-165** **The specified subscription {subscription} was not found.**

**Explanation** The subscription listed in the message is not defined to the Event Replicator Server.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-166** **The specified DBID was not found.**

**Explanation** The specified DBID is not defined to the Event Replicator Server.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-167** **The specified FILE/DBID was not found.**

**Explanation** The specified file for the specified DBID is not defined to the Event Replicator Server.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-168** **The specified destination {destination} was already {active|inactive}.**

**Explanation** The Event Replicator Server detected the destination listed in the message was already active or inactive.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-169** **The specified FILE/DBID was already {active|inactive}.**

**Explanation** The Event Replicator Server detected the specified file for the specified DBID was already active or inactive.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-170** **The specified subscription {subscription} was already {active|inactive}.**

**Explanation** The Event Replicator Server detected the subscription listed in the message was already active or inactive.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-172** **Invalid value for DBID.**

**Explanation** DBIDs greater than 65535 are not allowed.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-173** **{CLOSE | OPEN} failed for specified destination {destination-name}**

**Explanation** ADADBS detected that the Event Replicator Server could not CLOSE or OPEN the destination listed in the message.

**Action** Investigate the cause of the error. The Event Replicator Server job log will provide more details on why the request failed.

**ERROR-174** **The specified input queue {queue-name} was not found.**

**Explanation** The input queue (IQUEUE) listed in the message is not defined to the Event Replicator Server.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-175** **{CLOSE | OPEN} failed for specified input queue {queue-name}**

**Explanation** ADADBS detected that the Event Replicator Server could not CLOSE or OPEN the input queue (IQUEUE) listed in the message.

**Action** Investigate the cause of the error. The Event Replicator Server job log will provide more details on why the request failed.

**ERROR-176** **Missing parameter: DESTINATION or IQUEUE required**

**Explanation** Either `DESTINATION` or `IQUEUE` must be specified for the OPEN and CLOSE functions.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-178** **The specified destination {dest-name} may not be active**
**Data still exists on the SLOG system file for this inactive destination**

**Explanation** An attempt was made to activate the destination named in the message (*dest-name*) while transactions for the destination still exist on the SLOG system file from the last time it was activated.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-179** **The specified DBID/file may not be activated**
**The SLOG has been suspended for database-related input transactions and one or more transactions exist on the SLOG system file for this inactive DBID/file**

**Explanation** An attempt was made to activate a DBID/file combination that was deactivated because the SLOG system file was full.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-182** **No file number given**

**Explanation** The mandatory operand, FILE, was not specified with the MUPEX or RECORDSPANNING function.

**Action** Supply the correct parameter value and rerun the job. For more information, read about the MUPEX and RECORDSPANNING functions of the ADADBS utility in your Adabas utilities documentation.

**ERROR-183** **Invalid MUPECOUNT option (1/2)**

**Explanation** A value other than "1" or "2" was specified for the MUPECOUNT parameter in an ADADBS MUPEX function run. The only valid values for MUPECOUNT are "1" or "2".

**Action** Supply the correct parameter value and rerun the job. For more information, read about the MUPEX function of the ADADBS utility in your Adabas utilities documentation.

**ERROR-184** **MUPECOUNT specification is invalid. The file contains a PE and has records.**

**Explanation** To set the MUPECOUNT parameter to "1", the file must either be empty or have no PE fields. To set the MUPECOUNT to "2", the file cannot contain a PE field that is part of a DE field unless the file is empty.

**Action** Supply the correct parameter value or release the descriptors and rerun the job. For more information, read about the MUPEX function of the ADADBS utility in your Adabas utilities documentation.

**ERROR-186** **Conflicting file options**

**Explanation** One of the following circumstances occurred:

- The file specified is a system file.
- The file specified is a coupled file.
- The file specified is an ADAM file.
- The file specified is a replicated file.
- Only privileged commands are permitted against this file.
- The file specified is in load status.
- MIXDSDEV is not permitted for spanned data storage files.

**Action** Correct the file or parameters and rerun the ADADBS job.

**ERROR-187** **TIMELIMIT exceeded**

**Explanation** The RECORDSPANNING or SPANCOUNT functions's time limit (set by the TIMELIMIT parameter) was exceeded.

**Action** Change the TIMELIMIT parameter value and rerun the job. For more information, read about the RECORDSPANNING and SPANCOUNT functions of the ADADBS utility in your Adabas utilities documentation.

**ERROR-188** **Invalid RECORDSPANNING request**

**Explanation** The MODE=OFF parameter of the RECORDSPANNING function cannot be specified for a file that already contains spanned data storage records.

**Action** Ensure that the specified file contains no spanned data storage records and then rerun the ADADBS job. For more information, read about the RECORDSPANNING function of the ADADBS utility in your Adabas utilities documentation.

**ERROR-189** **An I/O error occurred**

**Explanation** An I/O error occurred executing the specified function

**Action** Research and correct the cause of the error and rerun the ADADBS job.

**ERROR-190** **File specified is not spanned**

**Explanation** The file specified does not have spanned data storage records enabled.

**Action** Specify a file with spanned data storage records enabled and rerun the ADADBS job.

**ERROR-191** **Replication may not be turned on for a file with spanned data storage records.**

**Explanation** Replication may not be turned on for a file with spanned Data Storage records.

**Action** Review and correct the parameters specified in the ADADBS run and ensure that you are not trying to replicate a file containing spanned records. Then try running the job again.

**ERROR-194** **Replication not active for Adabas**

**Explanation** Input information to ADADBS is requiring that the Adabas database have REPLICATION=YES (replication must be active) specified in the parameters to accomplish the request. However, replication for the database is not active.

**Action** Examine the input to ADADBS for correctness. You may have to modify, stop, and restart the Adabas database to allow replication to be active.

**ERROR-195** **Anchor file must be specified**

**Explanation** A value for the ANCHOR parameter must be specified. To perform properly, the ADADBS EXPFILE utility needs to know the number of the anchor file of an expanded file chain.

**Action** Supply a valid value for ANCHOR and rerun the job.

**ERROR-196** **INSERT or REMOVE must be specified**

**Explanation** Either the INSERT or REMOVE parameter must be specified for the ADADBS EXPFILE utility function. They are mutually exclusive parameters.

**Action** Supply either the INSERT or REMOVE parameter, as appropriate, and rerun the job.

**ERROR-197** **Specified field is not a descriptor**

**Explanation** The field specified in the FIELD parameter was not a descriptor. When specifying the NOUQ option in an ADADBS CHANGE operation, the field must be a unique descriptor (DE,UQ option) field.

**Action** Correct the parameter values for the ADADBS CHANGE operation and rerun it.

**ERROR-198** **Specified descriptor is not unique**

**Explanation** The field specified in the FIELD parameter was not a unique descriptor. When specifying the NOUQ option in an ADADBS CHANGE operation, the field must be a unique descriptor (DE,UQ option) field.

**Action** Correct the parameter values for the ADADBS CHANGE operation and rerun it.

**ERROR-199** **Insufficient work space for Online Reorder**

**Explanation** The internal workarea is insufficient for the requested reorder.

**Action** Contact your technical support representative for assistance.

**ERROR-200** **Invalid function specified**

**Explanation** The nucleus did not recognize the call it received. An invalid function or value was specified.

**Action** Correct the parameter values and utility function specifications as required and rerun the job.

**ERROR-201** **Invalid function for current N{n}LOG**

**Explanation** An invalid value was specified for the current NCLOG or NPLOG specifications. Running the ADADBS ADDCLOG, ADDPLOG, DELCLOG, or DELPLOG utility functions is invalid when running with dual CLOGs or PLOGs.

**Action** Make sure the Adabas nucleus startup job specifies the NCLOG and NPLOG ADARUN parameters and that it is not using dual CLOGs and PLOGs. Then verify that the settings of the NCLOG and NPLOG ADARUN parameters are set to integers in the range 2 through 8 (inclusive). Correct any invalid parameters and rerun the job.

**ERROR-202** **ENQ for PPT failed**

**Explanation** An error occurred during the PPT enqueue process.

**Action** Contact your technical support representative for assistance.

**ERROR-203** **No PPT entries found**

**Explanation** No entries were found in the current PPT.

**Action** Obtain an PPTPRINT and contact your technical support representative for assistance.

**ERROR-204** **PPT not consistent or invalid request**

**Explanation** The entry Adabas is trying to locate in the PPT was not found.

**Action** Check the current PPT structure and make sure the requested function was valid and that the correct data set was specified for the ADADBS run. make appropriate corrections and rerun the job.

**ERROR-205** **Error with DD{n}LOGR{x} data set**

**Explanation** An error occurred during an attempt to process the specified CLOG or PLOG data set in the Adabas startup JCL.

**Action** Check your startup JCL, make appropriate corrections, and retry the function.

**ERROR-206** **Dataset name length error**

**Explanation** The nucleus detected an invalid length in the parameter passed to it.

**Action** Contact your technical support representative for assistance.

**ERROR-207** **Dataset already in use**

**Explanation** The CLOG or PLOG data set that was requested in the ADADBS run to be added or deleted is already in use.

**Action** Specify a CLOG or PLOG data that is not in use and retry the function.

**ERROR-208** **{x}LOG data set must be supplied**

**Explanation** The CLOG or PLOG data set to be added or deleted using the ADADBS function must be specified in the Adabas startup JCL.

**Action** Correct the startup JCL, restart Adabas, and retry the function.

**ERROR-209** **SLOG file can only be {deleted|refreshed} with RPLPARMS=NONE**

**Explanation** The Event Replicator Server SLOG file can only be deleted or refreshed when the Event Replicator Server is started with the ADARUN parameter RPLPARMS set to "NONE."

**Action** Restart the Event Replicator Server with RPLPARMS=NONE.

**ERROR-210** **Replicator file can only be {deleted|refreshed} when RPLPARMS is set to NONE or PARMS**

**Explanation** The Event Replicator Service Replicator system file can only be deleted or refreshed when the Event Replicator Server is started with the ADARUN parameter RPLPARMS set to "NONE" or "PARMS".

**Action** Restart the Event Replicator Server with RPLPARMS=NONE or RPLPARMS=PARMS.

**ERROR-211** **NUCID must be supplied**

**Explanation** No nucleus ID was specified during an attempt to run the ADADBS utility function to dynamically add or delete a CLOG or PLOG data set in a cluster environment. The NUCID parameter is required in a cluster environment.

**Action** Specify the nucleus ID where you are trying to add or delete the CLOG or PLOG data set using the NUCID parameter and try again.

**ERROR-212** **DD{n}PLOGR{x} must be copied. Then retry function.**

**Explanation** The PLOG data set identified in the message (*DDn PLOGRx*) has not been copied.

**Action** Copy or format the specified data set and retry the function.

**ERROR-229** **{ddname} could not be opened**
**{ior-rsp} - {reason}**
**Sub-code = {subcode}**

**Explanation** The data set identified by the DD name (*ddname*) given in the message could not be opened during a dynamic add or increase attempt. Possible causes include a misspelling or a JCL error. The ADAIOR response code (*ior-rsp*), the error text (*reason*) associated with the response code, and the system error code (*subcode*) are given in the message. The system error code, if nonzero, should be reported if you contact technical support about this error.

**Action** Investigate the cause of the error. Correct it and rerun the job. If you need additional assistance, contact your technical support representative; be sure to provide the reason and system error code.

**ERROR-230** **{ddname} I/O error reading RABN {rabn}**
**{ior-rsp} – {reason}**
*** The dataset is not formatted or**
*** The dataset has not yet been increased or**
*** The newly increased area is not formatted.**

**Explanation** During a dynamic database add or increase attempt, an error occurred reading the data set identified by the DD name (*ddname*) given in the message. Possible causes include an unformatted data set, a data set that has not yet been increased, or a newly increased data set area that has not been formatted. The RABN (*rabn*) that ADADBS tried, but failed to read, the ADAIOR response code (*ior-rsp*) and explanation (*reason*) are given in the message.

**Action** Investigate the cause of the error. Correct it and rerun the job. If you need additional assistance, contact your technical support representative; be sure to provide the reason.

**ERROR-231** **RPLCHECK issued to a non-Reptor Adabas**

**Explanation** The RPLCHECK operator command was issued in an ADADBS OPERCOM utility run against a database that was *not* an Event Replicator Server. The RPLCHECK command can only be issued against Event Replicator Servers.

**Action** Verify that this is the command you want to run. If it is, verify that you are running it against an Event Replicator Server.

**ERROR-232** **Command invalid for non-cluster Adabas**

**Explanation** The operator command was issued in an ADADBS OPERCOM utility run against a database that was not running as a cluster nucleus (CLUSTER=SYSPLEX or CLUSTER=LOCAL). The command can only be issued against a cluster nucleus.

**Action** Verify that this is the command you want to run. If it is, verify that you are running it against a cluster nucleus.

**ERROR-233** **Invalid value for parameter MXCANCEL**

**Explanation** The value specified for the MXCANCEL parameter is invalid. MXCANCEL values must be greater than or equal to 15.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-234** **Invalid value for parameter MXCANCELWARN**

**Explanation** The value specified for the MXCANCELWARN parameter is invalid. MXCANCELWARN values must either be zero (0) or a value greater than or equal to 4 and less than the value of the MXCANCEL parameter.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-235** **Invalid value for parameter MXMSG**

**Explanation** The value specified for the MXMSG parameter is invalid. MXMSG values must be greater than or equal to 15 and less than or equal to 32767.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-236** **Invalid value for parameter MXMSGWARN**

**Explanation** The value specified for the MXMSGWARN parameter is invalid. MXMSGWARN values must either be zero (0) or a value greater than or equal to 4 and less than the value of the MXMSG parameter.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-237** **Invalid value for parameter MXSTATUS**

**Explanation** The value specified for the MXSTATUS parameter is invalid. MXSTATUS values must either be zero (0) or a value that is greater than or equal to 15.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-238** **Invalid value for parameter MXWTOR**

**Explanation** The value specified for the MXWTOR parameter is invalid. MXWTOR values must either be zero (0) or a value greater than or equal to 15 and less than or equal to 64800.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-239** **File {nnnn} is greater than the MAXFILES defined for the database**

**Explanation** The file number specified is invalid. The file number must be less than the MAXFILES defined for the database.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-240** **Invalid file range specified**

**Explanation** The file range is invalid, for example the starting value is less than the ending value.

**Action** Correct the file range and rerun the job.

**ERROR-241** **Duplicate keyword parameter or missing, “CHANGE" function request**

**Explanation** Invalid parameters were provided to the ADADBS CHANGE function.

**Action** Supply the correct parameter values and rerun the job.

**ERROR-242** **Invalid FILE number specified for auditing**

**Explanation** The ADADBS AUDITING function is only valid for files participating in auditing (are included in an ADAANP FILE group).

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-243** **The specified FILE was already {active|inactive}**

**Explanation** The database detected the file identified in the message was already active or inactive.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-245** **AUDITSERVER function only allowed for use with the Audit Server**

**Explanation** The ADADBS AUDITSERVER function is only valid for an Audit Server.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-246** **The specified destination {destination} was not found**

**Explanation** The destination identified in the message is not defined to the Audit Server.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-247** **The specified subscription {subscription} was not found**

**Explanation** The subscription identified in the message is not defined to the Audit Server.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-248** **The specified destination {destination} was already {active|inactive}**

**Explanation** The Audit Server detected the destination identified in the message was already active or inactive.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-249** **The specified subscription {subscription} was already {active|inactive}**

**Explanation** The Audit Server detected the subscription identified in the message was already active or inactive.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-250** **Missing parameter: DESTINATION required**

**Explanation** ADADBS detected that the required parameter `DESTINATION` was missing.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-251** **Missing parameter: DESTINATION or SUBSCRIPTION required**

**Explanation** ADADBS detected that the required parameter `DESTINATION` or `SUBSCRIPTION` was missing.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-252** **SUBSCRIPTION parameter not allowed for OPEN or CLOSE: only DESTINATION**

**Explanation** ADADBS detected invalid parameter SUBSCRIPTION with OPEN or CLOSE.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-253** **The specified subscription {subscription} was not {activated|deactivated}**

**Explanation** The Audit Server detected an unexpected response code from an attempt to activate or deactivate the subscription identified in the message.

**Action** Investigate the cause of the error. Correct it and rerun the job. If the cause of the error cannot be determined, contact your technical support representative.

**ERROR-254** **Auditing not active for Adabas**

**Explanation** The database is not an auditing database (`ADARUN AUDITING=YES`).

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-255** **NUCID specified for a non-cluster Adabas DBID**

**Explanation** The `NUCID=` parameter was specified for a non-cluster Adabas database.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-257** **{CLOSE | OPEN} failed for specified destination {destination}**

**Explanation** ADADBS detected that the Audit Server could not CLOSE or OPEN the destination identified in the message.

**Action** Investigate the cause of the error. The Audit Server job log will provide more details on why the request failed.

**ERROR-258** **The specified destination {destination} cannot be activated.Data still exists on the SLOG system file for this inactive destination.**

**Explanation** An attempt was made to activate the destination identified in the message while items for the destination still exist on the SLOG system file from the last time it was active.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-259** **The specified destination {destination} was already {open|closed}**

**Explanation** The Audit Server detected the destination identified in the message was already open or closed for all tasks.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-260** **The specified destination {destination} was not {activated|deactivated}**

**Explanation** The Audit Server detected an unexpected response code from an attempt to activate or deactivate the destination identified in the message.

**Action** Investigate the cause of the error. Correct it and rerun the job. If the cause of the error cannot be determined, contact your technical support representative.

**ERROR-261** **'In-parallel' option not allowed for the specified function**

**Explanation** Specifying INPARALLEL=YES is not valid for the given function.

**Action** Remove the INPARALLEL=YES parameter.

**ERROR-262** **Invalid value for AUDITLOG**
**Only the value 'CONSOLE' is allowed.**

**Explanation** Invalid parameter specified. Only the value "CONSOLE" is allowed.

**Action** Supply the correct parameter values and rerun the job.

**ERROR-263** **FEOFAL applies to an Audit Server only**

**Explanation** The ADADBS OPERCOM FEOFAL can only be applied to an Adabas Audit Server.

**Action** Ensure the target of the FEOFAL command is an Adabas Audit Server.

**ERROR-264** **FEOFCL does not apply to an Audit Server**

**Explanation** The ADADBS OPERCOM FEOFCL cannot be applied to an Adabas Audit Server.

**Action** Ensure the target of the FEOFCL command is not an Adabas Audit Server. For Adabas Audit Servers, use the FEOFAL command.

| | |
|---|---|
| **ERROR-265** | **Invalid value for parameter AUDCONNECT** |
| **Explanation** | Only valid DBIDs, auditing server IDs, or ALL are allowed. |
| **Action** | Supply the correct parameter value and rerun the job. |

| | |
|---|---|
| **ERROR-266** | **Function not permitted for cluster nucleus/Replicator/Audit Server** |
| **Explanation** | The specified command is not permitted for cluster nuclei, Replicators, or Audit Servers. |
| **Action** | Verify this is the command you want to run. If so, verify that is not running against one of the above database types. |

# 80 ADADEF Utility Messages

**ERROR-121** **Missing function parameter**

**Action** Add one of the following parameters and rerun the job:

- ADADEF DEFINE - define a new database
- ADADEF NEWWORK - define a new work

**ERROR-122** **Invalid value for the parameter DBID**

**Explanation** The value for the database ID must be in the range 1 to 65,535.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-123** **Checkpoint-file definition missing in parameter-list**

**Explanation** Each Adabas database requires a checkpoint file.

**Action** Add the following parameter and rerun the job.

```
ADADEF FILE=xx,CHECKPOINT, ...
```

**ERROR-124** **Multiple system file definition not permitted**

**Explanation** The Adabas checkpoint and security file can be defined only once per database.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-125** **Invalid value for the parameter WORKSIZE**

**Explanation** The value of the WORKSIZE parameter must be at least 300 + WALT + number of blocks per track.

**Action** Increase the WORKSIZE value and rerun the job.

**ERROR-126** **ADADEF not permitted to run**

**Explanation** An attempt was made to run ADADEF in parallel with an active nucleus. The Adabas nucleus returned response "response-code". (A short explanation is given here).

**Action** The only acceptable response code is 148 (ADARSP148). Shut down the nucleus and rerun the job.

**ERROR-127** **Inconsistent parameter list**

**Explanation** A corresponding extent parameter is required for

ASSOSIZE/ASSODEV/AALT, and DATASIZE/DATADEV/DALT.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-128** **File type missing or invalid**

**Explanation** The file number must be followed by a keyword defining the type of the system file to be loaded.

**Action** See the Adabas Utilities documentation for further information. Supply the correct parameter value and rerun the job.

**ERROR-129** **DSST-extent space allocation failed**

**Explanation** Not enough free Associator space is available to allocate a DSST extent.

**Action** Supply a larger Associator extent and rerun the job.

**ERROR-132** **Database not formatted**

**Explanation** The supplied ASSO contains valid GCBs.

**Action** Run ADAFRM before running ADADEF, or specify the OVERWRITE parameter in the ADADEF job.

**ERROR-133** **Invalid size specification**

**Explanation** The (ASSOSIZE / DATASIZE / WORKSIZE) parameter value specified for (DDASSO / ASSOR1/2, DDDATA / DATARn, or DDWORK / WORKR1) is greater than the space physically available (an actual parameter / job control value is printed with the message text).

**Action** Supply the correct parameter value, and rerun the job.

**ERROR-134** **No database to be overwritten**

**Explanation** The parameter OVERWRITE was specified, but the data sets assigned do not contain a database.

**Action** Remove the OVERWRITE parameter, and rerun the ADADEF job.

**ERROR-135** **Value of parameter MAXRECL too large**

**Explanation** The MAXRECL value is either

- greater than the default value "def-value"; or
- less than 7.

**Action** Supply the correct MAXRECL parameter value, and rerun the ADADEF job.

**ERROR-136** **Invalid value for the parameter RABNSIZE**

**Explanation** Either 3 or 4 may be specified for the RABNSIZE parameter.

**Action** Correct the value specified for the RABNSIZE parameter and rerun the ADADEF job.

**ERROR-137** **Dataset size too large**

**Explanation** The DATA/ASSO/WORK data set SIZE parameter value exceeds the maximum *nnnn* blocks.

**Action** Correct the value specified for the specified data set SIZE parameter and rerun the ADADEF job.

**ERROR-138** **Cannot set UES=NO while file {file-number} loaded**

**Explanation** The specified file contains at least one element such as a wide-character formatted field that require the database to be enabled for universal encoding; that is, UES=YES is required.

**Action** Reexamine your need to set UES=NO and adjust the file accordingly.

**ERROR-139** **Specify UES=NO to disable UES**

**Explanation** It is not possible to turn UES off by setting all *xx*CODE parameters to 0. ADADEF does not differentiate between a parameter set to zero (0) and a parameter not specified.

**Action** To disable UES, set the UES parameter equal to NO.

**ERROR-141** **FACODE should be an EBCDIC type and a Single Byte Coding System**
**Check supplied UES Encodings.**

**Explanation** A code system specified in the FACODE parameter is not known or is not EBCDIC or is not a single-byte encoding system.

**Action** Check the documentation section *Supplied UES Encodings* in the *Adabas User, Hyperdescriptor, Collation Descriptor, and SMF Exits Manual* for the valid code and correct the job parameter accordingly.

**ERROR-144** **TIMEZONE parameter deficient - Reason code: rc**
**04: wrong TIMEZONE value**
**08: ADAZON not loaded**
**12: Region not found**
**16: Member not found**
**20: time zone not found**

**Explanation** It is not possible to establish a default timezone.

**Action** Correct input dependent on the reason code. Add a valid Adabas-supported timezone name or a blank string (‘ ‘).

In the utility job include the TZINFO data definition statement (DD, LINK, or DLBL statement) identifying the most recent TZ library or sublibrary

# 81 ADADRU Utility Messages

**DRU121E** **File {fnr} exceeds maximum file number {nnn} in database.**

**Explanation** The supplied file number *fnr* exceeds the highest file number *nnn* in the database.

**Action** Specify a valid file number and rerun the job.

**DRU122E** **For parameter File {n-m} start of range value should be less than or equal to end of range value. This parameter is ignored.**

**Explanation** The start file number *n* cannot be greater than the end file number *m*.

**Action** Specify a valid file number range and rerun the job.

**DRU123E** **The value of parameter {PASSOSPACE|PDATASPACE|PFILESPACE}={val} can be only SUMMARY or DETAIL.**

**Explanation** The value (*val*) specified for the PASSOSPACE, PDATASPACE, or PFILESPACE parameter is invalid. Only values of SUMMARY or DETAIL can be specified.

**Action** Specify a correct value for the associated parameter (DETAIL or SUMMARY) and rerun the job.

**DRU124E** **Range or list of files not allowed for parameters FROMRABN / TORABN.**

**Explanation** Only a single file can be specified for ADADRU runs that also specify the FROMRABN or TORABN parameters.

**Action** Either restrict the ADADRU run to a single file or remove the FROMRABN and TORABN parameters. Then rerun the job.

**DRU125E** **Parameter FROMRABN / TORABN requires specification of either PASSOSPACE or PDATASPACE parameter.**

**Explanation** The FROMRABN / TORABN parameters can be specified with the parameters PASSOSPACE / PDATASPACE. The FROMRABN and TORABN parameters cannot be used with parameter PFILESPACE.

**Action** Specify correct parameters and rerun the job.

**DRU126E** **The value of FROMRABN={fromrabn} parameter should be less than or equal to the value of TORABN={torabn} parameter. This extent FROMRABN - TORABN is ignored.**

**Explanation** The FROMRABN value should be less than or equal to the TORABN value.

**Action** Specify valid values for the FROMRABN and TORABN parameters and rerun the job.

**DRU127E** **Parameters PFILESPACE / PASSOSPACE / PDATASPACE are mutually exclusive. Use only one of them.**

**Explanation** The PFILESPACE, PASSOSPACE, and PDATASPACE parameters are mutually exclusive; only one of these parameters can be specified in an ADADRU run.

**Action** Correct the ADADRU parameters and rerun the job.

**DRU128E** **The value of parameter SAMPLING={nnn} is not in a range 10-100.**

**Explanation** The value specified for the SAMPLING parameter must be in a range from 10 to 100 percent.

**Action** Specify a valid value for the SAMPLING parameter and rerun the job.

**DRU129E** **The value of parameter INCRUSAGE={nnn} is not in a range 1-50.**

**Explanation** The value specified for the INCRUSAGE parameter should be in a range from 1 to 50 percent.

**Action** Specify a valid value for the INCRUSAGE parameter and rerun the job.

**DRU130E** **The value of parameter INCRNUMREC={nnn} is not in a range 1-10000.**

**Explanation** The value specified for the INCRNUMREC parameter should be in a range from 1 to 10000 records.

**Action** Specify a valid value for the INCRNUMREC parameter and rerun the job.

| | |
|---|---|
| **DRU131E** | **The value of parameter INCRRECLEN={nnn} is not in a range 6-5000.** |
| **Explanation** | The value specified for the INCRRECLEN parameter should be in a range from 6 to 5000 bytes. |
| **Action** | Specify a valid value for the INCRRECLEN parameter and rerun the job. |

| | |
|---|---|
| **DRU132E** | **The value of parameter ERRLIM={nnn} is not in a range 1-255.** |
| **Explanation** | The value specified for the ERRLIM parameter should be in a range from 1 to 255. |
| **Action** | Specify a valid value for the ERRLIM parameter and rerun the job. |

| | |
|---|---|
| **DRU133E** | **The value of parameter OUTPUT error.**<br>**Parameter OUTPUT can be:**<br>**XML**<br>**XML,UTF8**<br>**,XML**<br>**,UTF8**<br>**UTF8,XML** |
| **Explanation** | The value specified for the OUTPUT parameter can only be one of the values shown in the message. No other value is valid. |
| **Action** | Correct the OUTPUT parameter accordingly (or remove the OUTPUT parameter from the run) and rerun the job. For complete information about the OUTPUT parameter in an ADADRU run, read the ADADRU utility documentation. |

| | |
|---|---|
| **DRU134E** | **ERROR: Parameter ACODE error.**<br>**Parameter ACODE can be: GCB or FCB or CodePage or omitted.** |
| **Explanation** | The value specified for the ACODE parameter can only be one of the following: "GCB", "FCB", or a numeric code page (CodePage). The code page is used to convert file names in the XML document. No other value is valid. |
| **Action** | Correct the ACODE parameter accordingly (or remove the ACODE parameter from the run) and rerun the job. For complete information about the ACODE parameter in an ADADRU run, read the ADADRU utility documentation. |

| | |
|---|---|
| **DRU135E** | **File 0 is invalid.** |
| **Explanation** | The file number cannot be equal to 0. |
| **Action** | Specify a valid file number and rerun the job. |

**DRU136E** **ISN {isn} is invalid, File {fnr}.**
**Run check utilities to obtain more information.**

**Explanation** One of the following errors was detected in the spanned record with ISN *isn* in file *fnr*:

- The header indicates that the record with the ISN given in the message (*isn*) is not the primary record, although this record was identified by the primary address converter (AC) and not by the secondary address converter (AC2);
- The ISN (*isn*) of the primary record is greater than the maximum ISN for the file (*fnr*) on which ADADRU processing should occur.

**Action** Run the ADACHK utility to obtain more information. If the problem persists, contact your technical support representative for assistance.

**DRU137E** **AC2 ISN={isn} does not exist in Secondary AC.**
**File {fnr}, Primary ISN={ppp}.**
**Run check utilities to obtain more information.**

**Explanation** The header of the primary segment of the spanned record with ISN=*ppp* points to the next (secondary) segment of the spanned record with ISN *isn*, but the secondary segment does not exist in the secondary address converter (AC2).

**Action** Run the ADACHK utility to obtain more information. If the problem persists, contact your technical support representative for assistance.

**DRU138E** **AC2 ISN={isn} not found in DATA block={rabn},**
**specified by AC2 element.**
**File {fnr}, Primary ISN={ppp}.**
**Run check utilities to obtain more information.**

**Explanation** The secondary segment of the spanned record with ISN=*isn* does not exist in the Data Storage block *rabn*, where this segment should reside according to contents of secondary address converter (AC2) element.

**Action** Run the ADACHK utility to obtain more information. If the problem persists, contact your technical support representative for assistance.

**DRU139E** **AC2 ISN={isn} is invalid, File {fnr}, DATA block={rabn}.**
**Run check utilities to obtain more information.**

**Explanation** One of the following errors was detected in the secondary record with AC2 ISN=*isn*, stored in the Data Storage block *rabn*, file number *fnr*:

- The header indicates that the current record is not the secondary record, although this record is identified by means of the secondary address converter (AC2), not the primary address converter (AC);
- The AC2 ISN *isn* of the secondary record is greater than the maximum AC2 ISN for file *fnr*.

**Action** Run the ADACHK utility to obtain more information. If the problem persists, contact your technical support representative for assistance.

**DRU140E** **File {fnr} is not loaded.**
**Processing of this file terminated.**

**Explanation** File *fnr* was explicitly specified in ADADRU input parameters, but the file does not exist in the database.

**Action** Check the file number; correct it if required, and rerun the job.

**DRU141E** **For File {fnr} more than 8 FROMRABN-TORABN values specified.**
**The extraneous extent is ignored.**

**Explanation** During consolidation of input parameters for the file listed in the message (*fnr*), ADADRU detected that the number of ranges specified using the FROMRABN and TORABN parameters exceeds eight. Only eight FROMRABN and TORABN parameter pairs can be specified in a single ADADRU run.

ADADRU processing of the file continues using the first eight FROMRABN – TORABN values specified.

**Action** No action is required for this informational message. However, you may want to adjust the job to specify only eight FROMRABN-TORABN parameter pairs and rerun it.

**DRU142E** **ERRLIM={nnn} for File {fnr} is exceeded.**
**Processing of this file terminated.**

**Explanation** The number of ADADRU errors that have occurred for the file listed in the message (*fnr*) exceeds the error limit (*nnn*) specified by the ERRLIM parameter.

**Action** Specify a greater value for the ERRLIM parameter and rerun the job or determine the reason for all of the errors, resolve them, and rerun the job.

**DRU143E** **Reports for a file are not printed**
**because some errors were detected for File {fnr}.**

**Explanation** Some errors were detected for the file listed in the message (*fnr*). Processing continues if the error limit specified by the ERRLIM parameter is not exceeded.

**Action** No action is required for this informational message. However, you may want to determine the reason for the errors, resolve them, and rerun the job.

**DRU144E** **Printed report is incomplete because some errors were detected for File {fnr}.**

**Explanation** Some errors were detected for the file listed in the message (*fnr*). Processing continues if the error limit specified by the ERRLIM parameter is not exceeded. The printed report will be incomplete.

**Action** No action is required for this informational message. However, you may want to determine the reason for the errors, resolve them, and rerun the job.

**DRU145E** **Invalid internal structure for {ASSO|DATA} RABN={rabn} File {fnr}. Run check utilities to obtain more information.**

**Explanation** An invalid internal structure in the ASSO NI block or Data Storage block RABN identified in the message (*rabn*) has been detected. The affected file is also listed in the message (*fnr*). Processing continues if the error limit specified by the ERRLIM parameter is not exceeded.

**Action** No action is required for this informational message. However, you may want to determine the reason for the error, resolve it, and rerun the job.

**DRU146E** **RABN={rabn} for File {fnr} is not ASSO Normal Index.**

**Explanation** The internal structure of the ASSO NI block with the RABN listed in the message (*rabn*) is invalid for file *fnr*. A one-byte level indicator (third byte) in the ASSO block *rabn* does not contain x'01' value – the level indicator for a Normal Index. Normally this message is followed by the **DRU145E** message which gives additional information.

Processing continues if the error limit specified by the ERRLIM parameter is not exceeded.

**Action** No action is required for this informational message. However, you may want to determine the reason for the error, resolve it, and rerun the job.

**DRU147W** **Parameters OUTPUT/ACODE duplicate definition, last value ignored.**

**Explanation** An error occurred in the parameter definition for the utility. Either the OUTPUT or ACODE parameter has been declared twice. You can specify a single OUTPUT parameter (with or without an associated ACODE parameter) or a single ACODE parameter in an ADADRU run. You cannot specify two OUTPUT parameters or two ACODE parameters in an ADADRU run.

**Action** Review the ADADRU parameter specifications and correct them so only one OUTPUT parameter (with or without a single ACODE parameter) is specified. Then rerun the job.

**DRU148E** **OPEN/CLOSE error on link llllllll.**

**Explanation** A file used by ADADRU on the link/DD name llllllll cannot be opened or closed .

**Action** Check the ADADRU utility job for the existence of the link/DD name. If it exists, check the status of the file associated with it. Correct appropriately and re-run the job.

**DRU149E** **Missing or incorrect utility function.**

**Explanation** An attempt has been made to run the ADADRU utility without the SPACEUSAGE keyword. The SPACEUSAGE keyword is required.

**Action** Supply the missing SPACEUSAGE keyword and rerun the job.

**DRU151W** **FREEMAIN Error encountered**
**in ADADRU at offset {nnn}.**
**Length = {len} bytes.**
**Address = {addr}.**

**Explanation** The internal error occurred in the ADADRU utility during memory release.

**Action** Save the ADADRU output and contact your technical support representative for assistance..

**DRU152E** **Next File {fnr} (Seq.number {n})**
**in chain of expanded file not loaded.**
**Previous File in chain={ccc}, Anchor File {fff}.**
**The chain of expanded file is interrupted.**
**Processing of this chain terminated.**

**Explanation** The next file (*fnr*) with the sequence number *n* in the chain of the expanded file is not loaded in the database. The previous file in the chain is file *ccc*; the anchor file in the chain is file *fff*.

**Action** Verify that next file number *fnr* is specified correctly. Correct it as necessary and rerun the job. If the problem persists, contact your technical support representative for assistance.

**DRU153E** **Anchor File {fnr} in chain of expanded File {fff} not loaded.**
**The chain of expanded file is interrupted.**
**Processing of this chain terminated.**

**Explanation** The anchor file (*fnr*) in the chain of the expanded file *fff* is not loaded in the database.

**Action** Verify that the anchor file number *fnr* is specified correctly. Correct it as necessary and rerun the job. If the problem persists, contact your technical support representative for assistance.

**DRU154E** **LOB File {fnr} is not loaded for base File {bbb}.**
**LOB file will not be processed.**

**Explanation** The large object (LOB) file identified in the message (*fnr*) for the associated base file (*bbb*) is not loaded in the database. The LOB file will not be processed by ADADRU.

**Action** No action is required for this informational message. However, if you want the LOB file processed with its associated base file by ADADRU, load the LOB file into the database. Then rerun the ADADRU job.

**DRU155E** **Base File {fnr} is not loaded for LOB File {lob}.**
**LOB base file will not be processed.**

**Explanation** The base file identified in the message (*fnr*) for the associated large object (LOB) file (*lob*) is not loaded in the database. The base file will not be processed by ADADRU.

**Action** No action is required for this informational message. However, if you want both the LOB file and its associated base file processed by ADADRU, load the base file into the database. Then rerun the ADADRU job.

**DRU157E** **Write error ee on link llllllll .**

**Explanation** The file access on link/DD name llllllll has reported an internal error ee on write.

**Action** contact Software GmbH as to what the error ee means. There may be an explanation in the system messages or DDPRINT of the job.

**DRU158E** **{FROMRABN|TORABN}=0 is incorrect.**
**File group are ignored.**

**Explanation** Either the FROMRABN or TORABN parameters has been set to zero (0). This is not a valid specification for either parameter.

**Action** Specify valid values for FROMRABN and TORABN and rerun the job.

**DRU159I** **File {fnr} is not loaded.**
**Processing of this file skipped.**

**Explanation** File *fnr* was implicitly specified in ADADRU input parameters (inside a specified range of files). However, this file does not exist in the database and so it is skipped by ADADRU processing.

**Action** Check the file number, correct it if required and rerun the job.

**DRU161W** **File {fnr}, part {nnn} of expanded file will be processed in chain of all parts of expanded file. Anchor File {nnn}.**

**Explanation** This message identifies how processing will occur for a file within an expanded file. It informs you that file *fnr* is part *nnn* of an expanded file and will be processed in the chain of all parts of the expanded file. The anchor file of the expanded file chain is given in the message (*nnn*).

**Action** No action is required for this informational message.

**DRU162W** **File {fnr}, will be processed after end of process of all parts of expanded file. Anchor File {nnn}.**

**Explanation** This message identifies how processing will occur for a file that is not part of an expanded file. It informs you that file *fnr* will be processed after processing has completed for all parts of the expanded file. The anchor file of the expanded file chain is given in the message (*nnn*).

**Action** No action is required for this informational message.

**DRU163W** **No data for {rptarea}.**

**Explanation** The report area identified in the message (*rptarea*) is absent in SUMMARY report for the file because there is not data for the report area. Possible values for *rptarea* are:

- "Block filling level" report (Part 1);
- "Block filling level" report (Part 2);
- "Number of records per block" report;
- "Number of elements per block" report;
- "Normal records length" report; and
- "Spanned records length" report

**Action** No action is required for this informational message.

**DRU164E** **Parameter File should be specified before other parameters related to this file group.**

**Explanation** The FILE parameter is specified in the ADADRU run, but not immediately after the SPACEUSAGE keyword. ADADRU processing assumes all files for the database should be processed for the run and any specifications on the FILE parameter are ignored.

**Action** Correct the ADADRU SPACEUSAGE parameters, specifying the FILE parameter as the first parameter in the run after the SPACEUSAGE keyword.

**DRU165W** **No data for {ASSO NORMAL INDEX|DATA STORAGE} detail report for File {fnr}.**

**Explanation** Errors occurred during report processing. Consequently, the ASSO Normal Index detail report or Data Storage detail report are not created for file listed in the message (*fnr*).

**Action** No action is required for this informational message.

**DRU166E** **{ASSO|DATA} FROM-TO RABNs are outside of extents for file {fnr} or these RABNs are not ASSO NI RABNs.**
**Run ADAREP utility to obtain information about file extents.**

**Explanation** The RABNs specified by the FROMRABN and TORABN parameters are not located in the ASSO/DATA extents for the file listed in the message (*fnr*) or they are not of the required NIRABN type.

**Action** Run the ADAREP utility to obtain information about the valid ASSO/DATA extents of the file. Then specify the correct RABN range for the ADADRU run using the FROMRABN and TORABN parameters and rerun the ADADRU job.

**DRU169I** **{ASSO|DATA} RABNs {fromrabn – torabn}**
**from specified RABN range are outside of extents for file {fnr} or these RABNs are not ASSO NI RABNs.**
**Only RABN(s) which belong to the file will be processed.**
**Run ADAREP utility to obtain information about file extents.**

**Explanation** The RABNs specified by the RABN range shown in the message (*fromrabn - torabn*) are not located in the ASSO or DATA extents for the file listed in the message (*fnr*) or they are not of the required NIRABN type. Only the RABNs that belong to the file will be processed by ADADRU.

**Action** Run the ADAREP utility to obtain information about the valid ASSO/DATA extents of the file. Then specify the correct RABN range for the ADADRU run using the FROMRABN and TORABN parameters and rerun the ADADRU job.

**DRU170E** **{ASSO|DATA} RABNs {fromrabn – torabn}**
**from specified RABN range are outside of extents for file {fnr} or these RABNs are not ASSO NI RABNs.**
**Run ADAREP utility to obtain information about file extents.**

**Explanation** The RABNs specified by the RABN range shown in the message (*fromrabn - torabn*) are not located in the ASSO or DATA extents for the file listed in the message (*fnr*) or they are not of the required NIRABN type. Only the RABNs that belong to the file will be processed by ADADRU.

**Action** Run the ADAREP utility to obtain information about the valid ASSO/DATA extents of the file. Then specify the correct RABN range for the ADADRU run using the FROMRABN and TORABN parameters and rerun the ADADRU job.

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|---|---|
| **DRU200I** | **The input parameters accepted.** |
| **Explanation** | The input parameters specified for the ADADRU run have been accepted. |
| **Action** | No action is required for this informational message. |

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|---|---|
| **DRU203I** | ********* SPACEUSAGE-{N} started ******* {date time}** |
| **Explanation** | ADADRU SPACEUSAGE function with the sequence number *N* has been started. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **DRU204I** | **Error message(s) were issued for this SPACEUSAGE.**<br>**Processing of this function terminated.** |
| **Explanation** | During processing of the ADADRU input parameters, serious errors were found,. These errors are mentioned in previous error message(s). |
| **Action** | Correct the ADADRU SPACEUSAGE parameters and rerun the job. |

| | |
|---|---|
| **DRU205I** | ********* SPACEUSAGE-{N} ended ********* |
| **Explanation** | The ADADRU SPACEUSAGE function with the sequence number *N* has ended. |
| **Action** | No action is required for this informational message. |

# 82 ADAFRM Utility Messages

**ERROR-121** **Missing function**

**Explanation** At least one of the following functions must be specified: ASSOFRM, DATAFRM, WORKFRM, CLOGFRM, PLOGFRM, RLOGFRM, TEMPFRM, SORTFRM, DSIMFRM, ASSORESET, DATARESET, WORKRESET, or DSIMRESET.

**Action** Supply the correct parameter value and rerun the ADAFRM job.

**ERROR-122** **Invalid data set number**

**Explanation** See the Adabas Utilities documentation for a description of data set numbers.

**Action** Supply the correct parameter value and rerun the ADAFRM job.

**ERROR-124** **Will not reset ASSO control blocks**

**Explanation** Resetting Associator blocks with the range 1-30 is rejected.

**ERROR-125** **Missing ASSO data sets**

**Explanation** Job control statements defining the Associator must be included for both the ADAFRM utility job for the ASSOFRM, DATAFRM, TEMPFRM and WORKFRM functions when the FROMRABN parameter is specified, and when running the ASSORESET, DATARESET, and WORKRESET ADAFRM functions.

**Action** Supply the required JCL job control, and rerun the ADAFRM job.

**ERROR-126** **Invalid size value specified**

**Explanation** The SIZE value specified with FROMRABN=NEXT is not valid. The range of blocks to be formatted in not contained in the free space table.

**Action** Supply a valid SIZE parameter value and rerun the job.

**ERROR-127** **Invalid FROMRABN value specified**

**Explanation** For the ASSOFRM and DATAFRM functions, valid FROMRABN values include a numeric starting RABN value or FROMRABN=NEXT.

**Action** Supply a valid FROMRABN value and rerun the job.

**ERROR-128** **Invalid VOLIOCOUNT value specified**

**Explanation** An invalid value was specified for the VOLIOCOUNT parameter. VOLIOCOUNT must be a numeric value. Refer to the ADAFRM parameter descriptions in the *Adabas Utilities Manual* for the range of valid values.

**Action** Supply a valid VOLIOCOUNT value and rerun the job.

**ERROR-129** **Duplicate format request detected**

**Explanation** An attempt to format the same data set from the start multiple times has been detected. The same data set cannot be formatted more than once in a single execution of ADAFRM.

**Action** Supply valid data set information and rerun the job.

# 83 ADAINV Utility Messages

**ERROR-121** **Invalid descriptor field list for invert**

**Explanation** The field name "xx" is either

- not found in the FDT; or
- already a descriptor.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-122** **TEMP data set too small; input record count = {count}**

**Action** Supply a larger TEMP data set/file. See the Adabas Utilities documentation for information about calculating TEMP space.

**ERROR-123** **Invalid or missing couple descriptor**

**Explanation** One of the supplied descriptor names

- is not supplied;
- is not found in the FDT;
- is not a descriptor;
- is a descriptor contained in a periodic group; or
- has a format/length that is incompatible with the other descriptor.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-124** **Couple index overflow for file {file-number}**

**Explanation** This file is already coupled to 18 others; this is the maximum.

**ERROR-125** **Files already coupled**

**Explanation** Utility function cannot be processed.

**ERROR-126** **Coupling not possible**

**Explanation** This error occurred because

- a file cannot be coupled to itself;
- expanded files cannot be coupled;
- multiclient files cannot be coupled; and
- only file numbers less than 255 can be coupled.

The ADAINV function cannot be processed.

**ERROR-127** **Missing utility function**

**Explanation** INVERT or COUPLE must be entered, then rerun ADAINV.

**ERROR-128** **Invalid value for the parameter 'CODE'**

**Explanation** The value specified for the CODE parameter is either incorrect, or the CODE parameter is not valid in this case.

**Action** Either remove the CODE parameter, or specify at most eight digits, or blanks. Rerun the job. Refer to the Adabas Security documentation for more information.

**ERROR-129** **An attempt was made to create a 16TH index level**

**Explanation** No more than 15 index levels are possible.

**Action** Try this function again with a smaller value for ASSOPFAC.

**ERROR-130** **Error initializing collating user exit - return code={return-code}**

**Explanation** An error occurred while the collation descriptor user exit was being initialized.

**Action** Investigate the cause of the error; correct it; and rerun the job.

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| **ERROR-131** | **Collating user exit not loaded** |
| **Explanation** | The collation descriptor user exit requested is not loaded. |
| **Action** | Load the exit and rerun the job. |

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| **ERROR-132** | **Couple index not allocated for file {file}**<br>**The FCB does not have available space for a couple index.** |
| **Explanation** | ADAINV detected that there is not enough room in the FCB to allocate couple information. |
| **Action** | Correct the error and rerun the job. |

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| **ERROR-133** | **Invalid file requested (file number = {nnn})** |
| **Explanation** | The ADAINV INVERT and ADAINV COUPLE functions cannot be performed on a LOB file; it is not allowed. |
| **Action** | Supply correct file numbers for the FILES parameter and rerun the job. |

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| **ERROR-134** | **The database is active but the utility communications block (DIB) is missing the nucleus entry** |
| **Explanation** | The ADAINV utility determined the nucleus was active without a DIB entry. |
| **Action** | Check the job to ensure the correct ASSO, DATA, and WORK data sets are specified for the given DBID. |

# 84 ADALOD Utility Messages

**ERROR-121** **Requested restart not possible**

**Explanation** This error may occur for one of the following reasons:

- There is no job to be restarted.
- A fundamental parameter value has been changed.
- The previous job abended before reaching the first restart point (the file is not in load status).
- The previous job abended in a state from which no restart is possible (the file is in load status).

**Action** Correct the cause of the error, and rerun the ADALOD job.

**ERROR-122** **TEMP data set too small; input record count= {count}**

**Action** Supply a larger TEMP data set/file. See the Adabas Utilities documentation for information about calculating TEMP space.

**ERROR-123** **Missing utility function**

**Action** Supply either LOAD or UPDATE as the ADALOD function in the parameter input and rerun the ADALOD job.

**ERROR-124** **Multiple utility functions supplied**

**Action** Supply either LOAD or UPDATE as the ADALOD function in the parameter input and rerun the ADALOD job.

**ERROR-125** **Parameter 'ADAMPARM' for non-ADAM-file not permitted**

**Action** Either add the parameter ADAMFILE or remove the ADAMPARM parameter and rerun the ADALOD job.

**ERROR-126** **Invalid value for the parameter 'ADAMPARM'**

**Explanation** The value for this parameter must be in the range 1 to 255.

**Action** Supply the correct parameter value and rerun the ADALOD job.

**ERROR-128** **Parameter 'ADAMDE' for non-ADAM-file not permitted**

**Action** Either supply the parameter ADAMFILE as well, or remove the ADAMDE parameter. Rerun the ADALOD job.

**ERROR-129** **Parameter 'ADAMDE' mandatory for ADAM file**

**Action** Supply the correct parameter value and rerun the job.

**ERROR-130** **Parameter 'ADAMOFLOW' for non-ADAM file not permitted**

**Action** Either supply the parameter ADAMFILE as well, or remove the `ADAMOFLOW' parameter. Rerun the ADALOD job.

**ERROR-131** **Invalid value for the parameter 'UQDE': {field-name} is not a valid descriptor name**

**Explanation** The field to be defined as a unique descriptor is invalid. Either it is a simple field and not a descriptor, or the field name is unknown, or it is a descriptor in a periodic group. Probable cause is a misspelling of the descriptor name.

**Action** Supply the correct UQDE parameter value and rerun the ADALOD job.

**ERROR-132** **Invalid 'ADAMDE' field: {field-name} ; conflicting field attributes or unknown descriptor name**

**Explanation** An ADAM descriptor must meet all the following:

- Be a single field (no MU option)
- Be a unique descriptor
- Not be contained in a periodic group
- Not have the NU option
- Have a default length (cannot be variable)

**Action** Supply the correct parameter value and rerun the ADALOD job.

**ERROR-133** **Invalid value for the parameter 'ADAMOFLOW'**

**Explanation** The value must be smaller than DSSIZE.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-134** **Incorrect FDT found in input data set**

**Explanation** Either the field definition table (FDT) expected in the first record is missing from the data set or the FDT structure read from the data set does not satisfy the rules.

**Action** Verify that the input data set is valid. Supply a correct input data set and rerun the job. If the problem persists, contact your Software GmbH technical support representative for assistance.

**ERROR-135** **FDT structure mismatch**

**Explanation** The field definition table (FDT) from the input data set and the FDT from file "file-number" are not the same (the displayed message text contains an actual file number).

One of the following has happened:

- The file is to be updated and the FDT from the input data set does not match the FDT from the file; or
- The file has been deleted with "KEEPFDT" and the FDT from the input data set does not match that old FDT; or
- The FDT from the input data set does not match the FDT from the anchor of the expanded file.

**Action** Check your input data set and your FILE and ANCHOR parameters. If the ADALOD LOAD function was being run, consider using the IGNFDT parameter (refer to the Adabas Utilities documentation for more information).

**ERROR-136** **FDT larger than 4 ASSO blocks**

**Explanation** System restriction: the FDT is too large for the device type in use. A load is not possible.

**ERROR-137** **The input data set/file DDEBAND or DDISN does not have the record format variable or variable blocked (V or VB)**

**Explanation** The specified input data set is invalid.

**Action** Supply a correct input data set and rerun the ADALOD job.

**ERROR-138** **invalid USERISN {isn-number} found input record count = {count}**

**Explanation** The USERISN *isn-number*:

- is greater than MAXISN or less than MINISN; or
- does not belong to any ISN range of the expanded file.

The displayed message text contains actual ISN and count values.

**ERROR-139** **ISNPOOL overflow ('LIP' parameter value too small) {count} records already read from DDISN**

**Explanation** Each single ISN requires four bytes, each ISN range requires eight bytes of storage.

**Action** Increase the size of the ISN pool (LIP). Supply the correct parameter value and rerun the ADALOD job.

**ERROR-142** **Duplicate USERISN {isn-number} found**

**Explanation** One of the following occurred:

- The supplied USERISN was already present in the file being processed; or
- The ISN appeared twice in the input data set.

The record cannot be added.

**ERROR-143** **{file-type} file already present**

**Explanation** The requested system file is already present. The file cannot be loaded.

**Action** Check the current system file assignments on the ADAREP report.

**ERROR-144** **Already 10 Adabas system files defined**

**Explanation** A maximum of ten Adabas system files (files loaded with the SYSFILE file type) are already present. The file cannot be loaded.

**Action** Check current system file assignments on the ADAREP report.

**ERROR-145** **Invalid FDT format**

**Explanation** The structure of the input FDT is incorrect.

**Action** Ensure that your input data set was created using the ADACMP or ADAULD utility.

**ERROR-146** **Invalid list of DELISNS**

**Explanation** The DELISN parameter list is wrong, or the input from the DDISN file contains incorrect data.

**Action** Check for

- descending or overlapping ISN ranges
- the same ISN specified more than once
- invalid record length (not a multiple of 4 or 8)

The accessed ISN was "isn-number" (the displayed message contains an actual ISN value). Check your input and rerun the ADALOD job.

**ERROR-147** **Invalid ISN range**

**Explanation** The ISN range defined by MINISN and MAXISN is invalid. The range conflicts with another ISN range of the expanded file.

**Action** Correct the parameter values and then rerun the ADALOD job.

**ERROR-148** **File {file-number} is not/cannot be anchor of an expanded file**

**Explanation** The specified file is

- part of an existing expanded file, but not the anchor file; or
- a coupled or multiclient file and therefore cannot be an anchor file.

**ERROR-149** **Compressed record too long**

**Explanation** Input record count = "count-a" Length of record = "count-b" bytes Maximum record length = "count-c" bytes

The record is longer than allowed by the MAXRECL parameter or by the characteristics of the data storage device.

**ERROR-150** **Invalid ISN to be deleted (was) found**

**Explanation** At least one ISN of the "range"

- is greater than MAXISN or less than MINISN; or
- does not belong to any ISN range within the expanded file.

**ERROR-151** **Increasing MAXISN not allowed**

**Explanation** The file has been loaded with the NOACEXTENSION parameter. It is therefore not possible to increase MAXISN.

**Action** Remove the MAXISN parameter, and then rerun the ADALOD job.

**ERROR-152** **Conflicting USERISN options**

**Explanation** There are two possible situations:

1. The existing file is defined with the USERISN option, but the records from the input file are not defined with the USERISN option.
2. The USERISN options for the file to be loaded and those from the anchor of the expanded file do not match.

**Action** Respectively:

1. Consider using the USERISN option for the records from the input file, correct the file, and rerun the ADALOD job.
2. Check your input file and the USERISN parameter, correct any error, and then rerun the ADALOD job.

**ERROR-153** **Invalid ISN for hyperdescriptor {desc-name}**

**Explanation** The ISN returned from the hyperdescriptor exit

- is less than MINISN or greater than MAXISN; or
- belongs to another part of the expanded file.

Original ISN: (isn-number) Modified ISN: (isn-number) Record count: (count)

**ERROR-155** **Adabas nucleus required**

**Explanation** The Adabas nucleus must be active when

- a file is being loaded that has file selection criteria (expanded file component); or
- records are being loaded with a new owner ID.

**Action** Start the nucleus, then rerun the ADALOD job.

**ERROR-156** **Conflicting owner-ID length**

**Explanation** One of the following caused the message to occur:

- The LOWNERID parameter value is not in the range 0-8; or
- The ETID owner ID is longer than LOWNERID (or longer than the owner ID length of the file to be updated).

**Action** Supply the correct LOWNERID value, then rerun the ADALOD job.

**ERROR-157** **Conflicting usage of 'LOWNERID' and 'ETID'**

**Explanation** The input file is being loaded/added

- with owner IDs, but the owner IDs are not present and the ETID parameter is missing; or
- without owner IDs, but the ETID parameter is specified.

**Action** Supply the correct parameter value for one or both of the parameters, then rerun the ADALOD job.

**ERROR-158** **Invalid owner-ID in input record**

**Explanation** The owner ID is too long to fit into the record of the file being loaded or added.

Input record count = (count)

**Action** Specify an appropriate owner ID, then rerun the ADALOD job.

**ERROR-159** **Undefined ETID**

**Explanation** One of the following is the case:

- The user ID referred to by the ETID parameter is not defined; or
- The user has not been assigned an owner ID.

**Action** Specify an parameter value, then rerun the ADALOD job.

**ERROR-160** **Descriptor value too long**

**Explanation** A descriptor value together with the owner ID is longer than 253 bytes.

Input record count = (count) Descriptor name = (desc-name)

**Action** Specify an appropriate combination of owner ID and descriptor value, then rerun the ADALOD job.

**ERROR-161** **Conflicting {parameter} parameter**

**Explanation** The "parameter" parameter is invalid as given or implied. It must be the same as for the anchor of the expanded file.

**Action** Specify the correct parameter value, then rerun the ADALOD job.

**ERROR-162** **Hyperdescriptor ISN changed in non-USERISN file**

**Explanation** The ISN assigned to a descriptor value was modified by a hyperdescriptor exit but the file is not a USERISN file. Changing hyperdescriptor ISNs is only permitted in USERISN files.

**Action** Correct the USERISN setting of the file.

**ERROR-163** **Invalid value for parameter 'ALLOCATION'**

**Explanation** Valid values are ALLOCATION={FORCE | NOFORCE}.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-164** **TEMP block size too small**

**Explanation** An attempt to store data in a temp block failed because the temp block size is not large enough to hold the amount of data to be stored.

**Action** Choose a temp device type with block size equal to or greater than the Associator block size plus 16. Then rerun the job.

**ERROR-165** **Conflicting file encodings**

**Explanation** The file encodings on the input media do not match the existing file. They must be the same as the existing file.

**Action** Adjust the file encodings and rerun the job.

**ERROR-166** **Wide fields exist, but the database is not UES-enabled**

**Explanation** A file with wide-character (W) format fields cannot be loaded until the database is UES enabled.

**Action** Enable the database for universal encoding and rerun the job.

**ERROR-167** **Error initializing collating user exit - return code={return-code}**

**Explanation** An error occurred while the collation descriptor user exit was being initialized.

**Action** Investigate the cause of the error; correct it; and rerun the job.

**ERROR-168** **Collating user exit not loaded**

**Explanation** The collation descriptor user exit requested is not loaded.

**Action** Load the exit and rerun the job.

**ERROR-169** **Conflicting '{RPLKEY|RPLDSBI}' parameter.**

**Explanation** The RPLKEY or RPLDSBI parameter (as specified in the message) is invalid as given or implied. It is only valid when RPLTARGETID is specified.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-170** **Invalid 'RPLKEY'-Field: 'field-name'**

**Explanation** The field to be defined as a replication key is invalid. Either the field name is undefined, or it is not a descriptor.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-171** **RPLTARGETID is specified but the database is not enabled for replication.**

**Explanation** RPLTARGETID is not valid unless replication is active.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-172** **RPLTARGETID = DBID or greater than 65535 is not allowed.**

**Explanation** Loading a file with RPLTARGETID = DBID is not allowed. The valid range for RPLTARGETID is 1 through 65535.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-173** **RPLTARGETID is not allowed for ciphered files.**

**Explanation** Ciphered files may not be replicated.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-174** **A REPLICATOR file may only be loaded on an Event Replicator Server.**

**Explanation** The Replicator system file may only be loaded on a database that has been defined as an Event Replicator Server.

**Action** Investigate the cause of the error.

**ERROR-175** **Error loading module ADARPU: {reason}**

**Explanation** ADALOD was unable to load module ADARPU for the reason listed in the message.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-176** **Load of a new file with RPLLOAD=YES requires a non-zero RPLTARGETID**

**Explanation** When loading a new file when replication has been activated using the `RPLLOAD=YES` parameter, a target Event Replicator Server must be specified by the `RPLTARGETID` parameter.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-177** **ADALOD terminated due to the above replication related errors**

**Explanation** A replication error caused ADALOD to terminate. An earlier error message explains the detailed cause of the error.

**Action** Investigate the cause of the error. Correct it and rerun the job.

**ERROR-178** **Update with RPLLOAD=YES may only be executed with a replicated file**

**Explanation** When updating a file with replication activated by specifying the `RPLLOAD=YES` parameter, the file must already be defined as replicated.

**Action** Correct the error and rerun the job.

**ERROR-179** **An Event Replicator database may only contain the files CHECKPOINT, SECURITY, REPLICATOR, and SLOG**

**Explanation** A database defined as an Event Replicator Server (created with ADADEF DEFINE REPTOR=YES) must not contain user files or system files not related to replication.

**Action** Do not attempt to load files other than CHECKPOINT, SECURITY, REPLICATOR, or SLOG files.

**ERROR-180** **MU/PE index size mismatch during update.**
**File index size = {n} byte(s).**
**DDEBAND index size = {n} byte(s).**

**Explanation** The size of the MU/PE indices in the target Adabas file do not match the size of the indices in the input data. ADALOD processing has stopped.

As of Adabas 8, an MU/PE index can be either one or two bytes. When doing an update to an existing file with compressed input from either an ADACMP or ADAULD run, it is possible that the size of the MU/PE indices in the existing Adabas file will not match the size of the indices in the ADACMP or ADAULD input. To determine what size indices are used in a file, run an ADAREP report.

**Action** Correct the settings for the compressed MU/PE sizes, if appropriate, using the ADACMP MUPEX and MUPECOUNT parameters and retry. If errors persist, contact your our support representative.

**ERROR-183** **Base file {base-fnr} does not fit to LOB file {lob-fnr}**

**Explanation** When asked to load a LOB file, ADALOD found that the file specified in the BASEFILE parameter is not suitable for use as the base file for this LOB file, for one of the following reasons:

- The supposed base file does not contain large object (LB) fields.
- The file's LOB information does not refer to the specified LOB file.
- The file's UES encoding information is different from that of the LOB file.

**Action** Specify correct FILE and BASEFILE parameters and try again.

**ERROR-184** **LOB file {lob-fnr} does not fit to the base file {base-fnr}**

**Explanation** When asked to load a base file, ADALOD found that the file specified in the LOBFILE parameter is not suitable for use as a LOB file for this base file, for one of the following reasons:

- The supposed LOB file is not a LOB file.
- The file's LOB information does not refer to the specified base file.
- The file's UES encoding information is different from that of the base file.

**Action** Specify correct FILE and LOBFILE parameters and try again.

**ERROR-185** **Parameter {parm-name} not allowed for LOB file**

**Explanation** The parameter specified in the message (*parm-name*) cannot be used for a LOB file.

**Action** Load the LOB file without this parameter.

**ERROR-186** **DDISN/DELISN delete of an ISN with a LOB reference is not allowed. ISN = {nnnnnn}**

**Explanation** When performing ADALOD UPDATE operations on a large object (LOB) base file, you are not allowed to delete ISNs that contain references to LOB values that are outsourced in the associated LOB file. This is true whether deleting ISNs using the DELISN keyword or a DDISN data set to specify the ISNs to be deleted.

The file is now in an inaccessible state.

**Action** Restore the file from backup or reload it and remove the DDISN/DELISN deletion of the ISN(s) containing LOB references. Then resubmit the ADALOD UPDATE job.

**ERROR-187** **ANCHOR parameter not allowed for a file with LOB fields**

**Explanation** A file with large object (LB) fields cannot be an expanded file.

**Action** Load the file as a simple (non-expanded) file. Consider using the ISNSIZE=4 parameter setting.

**ERROR-189** **The database is active but the utility communications block (DIB) is missing the nucleus entry**

**Explanation** The ADALOD utility determined the nucleus was active without a DIB entry.

**Action** Check the job to ensure the correct ASSO, DATA, and WORK data sets are specified for the given DBID.

**ERROR-190** **SYFMAXUV parameter value is invalid. A value between 0 and 20 is required.**

**Explanation** An invalid value was specified for the SYFMAXUV parameter. A value between 0 (zero) and 20 is expected.

**Action** Correct the parameter setting and try again.

**ERROR-192** **RPLINITERROR parameter value is invalid. Valid values are 'CONTINUE' or 'FAIL'. Supply the correct parameter value and rerun the job.**

**Explanation** An invalid value was specified for the RPLINITERROR ADALOD LOAD parameter. The RPLINITERROR parameter specifies the behavior of the ADALOD LOAD utility if replication errors occur when ADALOD LOAD replication is requested (the RPLLOAD parameter is set to YES or FILE). Valid settings for the RPLINITERROR parameter are "CONTINUE" or "FAIL".

**Action** Correct the invalid parameter specification and try again.

**ERROR-193** **RPLLOAD is not allowed for files with spanned data storage records**

**Explanation** ADALOD parameter RPLLOAD may not be set to FILE or YES when loading a file with spanned data storage records.

**Action** Do not specify the RPLLOAD parameter when running ADALOD for a file with spanned data storage records.

**ERROR-196** **An SLOG system file may only be loaded on a Reptor database.**

**Explanation** The SLOG system file may only be loaded on a database that has been defined as an Event Replicator Server.

**Action** Correct the parameters and rerun the job.

**ERROR-901** **Unexpected Event Replicator Server response {rc}, subcode {sc} , location {loc}. Replication has failed due to the above errors. ADALOD will continue but the changes will not be replicated. Replication has been deactivated for file {fnr}.**

**Explanation** ADALOD communication to the Event Replicator Server has failed with the response and subcodes listed in the message and at the location listed in the message. ADALOD LOAD replication was requested during the run (RPLLOAD was set to "YES" or "FILE"), but failed. ADALOD LOAD processing will continue because the RPLINITERROR parameter was set to "CONTINUE".

The last line ("Replication has been deactivated for the file *fnr*") appears only if the RPLERRORDEACTFILE parameter was set to "YES". The file number for which replication was deactivated is given in the message.

**Action** Verify and correct (if necessary) the ADALOD parameters and JCL. Refer to the Adabas response code descriptions for information about the response code and subcode to resolve any errors. If necessary, contact your Software GmbH support representative for further assistance.

**ERROR-902** **Duplicate Replication jobs for the same file are not allowed**

**Explanation** Multiple replication jobs cannot run concurrently for the same file.

**Action** Verify and correct (if necessary) the replication job parameters for correct information concerning replication. If problems persist, contact your our support representative for assistance.

**ERROR-903** **RPLCLEANUP was issued for this ADALOD token**

**Explanation** An RPLCLEANUP was issued for the Event Replicator Server. This removed the ADALOD token and communication to the Event Replicator Server is no longer possible for this job.

**Action** Determine why the operator RPLCLEANUP command was issued. Prepare for file recovery as necessary before rerunning ADALOD.

**ERROR-904** **Event Replicator Server {id} replication pool overflow**

**Explanation** The replication pool for the Event Replicator Server listed in the message has an overflow condition, which is a critical error.

**Action** Refer to the Event Replicator Server job's system log for error messages, which may provide possible actions to take to resolve the problem.

**ERROR-905** **Database {dbid} not defined to Event Replicator Server {id}**

**Explanation** The Adabas database with the database ID (*dbid*) listed in the message is not defined to the Event Replicator Server (*id*) listed in the message.

**Action** Verify and correct the JCL or input parameters for the ADALOD run. If they are correct, modify the Replicator system file definitions. Then try the ADALOD run again.

**ERROR-906** **Event Replicator Server {id}, no active subscription or destination for file {number}.**

**Explanation** No active destination or subscription could be found for the file listed in the message (*number*) on the Event Replicator Server (*id*) named in the message.

**Action** First verify and correct (as necessary) the file number or the Event Replicator Server target ID for the ADALOD run. If they are correct, modify the Replicator system file subscription and destination definitions. Then try the ADALOD run again.

**ERROR-908** **The versions of ADALOD and ADARPU are incompatible**

**Explanation** ADALOD and ADARPU are internally not the correct versions.

**Action** Verify and correct (if necessary) the JCL allocation of libraries and input parameters to ADALOD. If problems persist, contact your Software GmbH service representative for assistance.

Verify and correct (if necessary) the JCL allocation of libraries or input parameters to ADALOD. If problems persist, contact your Software GmbH service representative for assistance.

**ERROR-909** **Internal error in ADARPU+{offset}**
**Register contents at time of error:**
**R0-R3 {##### ##### ##### #####}**
**R4-R7 {##### ##### ##### #####}**
**R8-R11 {##### ##### ##### #####}**
**R12-R15 {##### ##### ##### #####}**
**Inform your DBA**

**Explanation** ADARPU has failed with an internal error at the offset given in the message.

**Action** Contact your our support representative and provide details of the failure.

**ERROR-910** **ADARPU cannot load program ADAMGT**

**Explanation** ADARPU could not load program ADAMGT.

**Action** Verify and correct (if necessary) the JCL allocation of libraries and input parameters to ADALOD. If problems persist, contact your Software GmbH service representative for assistance.

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| **ERROR-911** | **ADAMSG is incompatible with ADARPU** |
| **Explanation** | ADARPU has detected an invalid version of ADAMSG. |
| **Action** | Verify and correct (if necessary) the JCL allocation of libraries and input parameters to ADALOD. If problems persist, contact your Software GmbH service representative for assistance. |

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|---|---|
| **ERROR-912** | **The source database Adabas version is not compatible with the Reptor Adabas version** |
| **Explanation** | The version of Adabas or the Event Replicator used by the Adabas database is not the same as the version of Adabas or Event Replicator used by the Event Replicator Server. |
| **Action** | Resolve the discrepancy in Adabas or Event Replicator versions before you try again. |

# 85 ADAMER Utility Messages

**ERROR-122** **Incorrect FDT found in input data set**

**Explanation** The structure of the FDT read from the input data set does not satisfy the rules.

**Action** Check whether the input data set is valid. Supply a correct input data set and rerun the job.

**ERROR-124** **Invalid value for the parameter ADAMDE**

**Explanation** The name of the ADAM descriptor was not found in the FDT.

**Action** Supply ADAMDE=ISN or ADAMDE=xx, where "xx" is any valid descriptor name. Then rerun the job.

**ERROR-125** **Invalid ADAMDE field: {xx}**

**Explanation** Conflicting field attributes or unknown descriptor name. An ADAM descriptor must

- be a single field (no MU option);
- be a unique descriptor;
- not be contained in a periodic group;
- not have the NU option;
- have a default length (cannot be variable).

**Action** Supply the correct parameter value and rerun the job.

| | |
|---|---|
| **ERROR-126** | **Invalid value for the parameter BITPARM** |
| **Explanation** | See the Adabas Utilities documentation for further information. |
| **Action** | Supply the correct parameter value and rerun the job. |

| | |
|---|---|
| **ERROR-127** | **Data Storage size too small** |
| **Explanation** | The amount of Data Storage to store the records is greater than the data size parameter. |
| **Action** | Supply the correct parameter value and rerun the job. |

| | |
|---|---|
| **ERROR-130** | **Input data set has spanned records. ADAM files may not be spanned.** |
| **Explanation** | The input data set has spanned record support active. The spanned record option is not allowed for ADAM files. |
| **Action** | Check whether the input data set is valid. Supply a correct input data set and rerun the job. |

| | |
|---|---|
| **ERROR-131** | **Input data set is a LOB file. ADAMER is not allowed for LOB files.** |
| **Explanation** | The input data set is a large object (LOB) file. LOB files may not be input to ADAMER. |
| **Action** | Check whether the input data set is valid. Supply a correct input data set and rerun the job. |

# 86 ADAMTR Utility Messages

| | |
|---|---|
| **ERROR-121** | **Parameter MTYPE must be set to ETBROKER or MQSERIES** |
| **Explanation** | An invalid value was specified for the MTYPE parameter of the ADAMTR utility. |
| **Action** | Check the parameter input, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-122** | **Parameter ETBROKERID must be specified when MTYPE=ETBROKER**<br>**Parameter ETBSERVICE must be specified when MTYPE=ETBROKER**<br>**Parameter ETBSERVICENAME must be specified when TYPE=ETBROKER**<br>**Parameter ETBSERVICECLASS must be specified when MTYPE=ETBROKER**<br>**Parameter MQQNAME must be specified when MTYPE=MQSERIES**<br>**Parameter MQQMGRNAME must be specified when MTYPE=MQSERIES** |
| **Explanation** | The listed, required parameters are missing for the selected MTYPE. |
| **Action** | Check the parameter input, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-123** | **ETBROKER parameters may not be specified when MTYPE=MQSERIES**<br>**MQSeries parameters may not be specified when MTYPE=ETBROKER** |
| **Explanation** | Improper parameters have been specified for the selected MTYPE. |
| **Action** | Check the parameter input, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-124** | **Load failed for {ADAETB\|ADAMQS}** |
| **Explanation** | The module listed could not be loaded by the job. |
| **Action** | Check the job output or JCL, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-125** | **INIT call failed. Return code {rcrc}, Reason code {reason}** |
| **Explanation** | The INIT call failed for the selected MTYPE. |
| **Action** | Check the job output or JCL, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-126** | **CONNECT call failed<br>"{Return-code}" "{reason-code}" "{messaging-system-return-code}"<br>"{messaging-system-reason-code}"** |
| **Explanation** | The CONNECT call failed for the selected MTYPE. |
| **Action** | Check the job output or JCL, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-127** | **OPEN call failed.<br>"{Return-code}" "{reason-code}" "{messaging-system-return-code}"<br>"{messaging-system-reason-code}"** |
| **Explanation** | The OPEN call failed for the selected MTYPE. |
| **Action** | Check the job output or JCL, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-128** | **RECEIVE call failed.<br>"{Return-code}" "{reason-code}" "{messaging-system-return-code}"<br>"{messaging-system-reason-code}"** |
| **Explanation** | The RECEIVE call failed for the selected MTYPE. |
| **Action** | Check the job output or JCL, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-129** | **BACKOUT call failed.<br>"{Return-code}" "{reason-code}" "{messaging-system-return-code}"<br>"{messaging-system-reason-code}"** |
| **Explanation** | The BACKOUT call failed for the selected MTYPE. |
| **Action** | Check the job output or JCL, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-130** | **COMMIT call failed.<br>"{Return-code}" "{reason-code}" "{messaging-system-return-code}"<br>"{messaging-system-reason-code}"** |
| **Explanation** | The COMMIT call failed for the selected MTYPE. |
| **Action** | Check the job output or JCL, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-131** | **CLOSE call failed.<br>"{Return-code}" "{reason-code}" "{messaging-system-return-code}" "{messaging-system-reason-code}"** |
| **Explanation** | The CLOSE call failed for the selected MTYPE. |
| **Action** | Check the job output or JCL, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-132** | **DISCONNECT call failed.<br>"{Return-code}" "{reason-code}" "{messaging-system-return-code}" "{messaging-system-reason-code}"** |
| **Explanation** | The DISCONNECT call failed for the selected MTYPE. |
| **Action** | Check the job output or JCL, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-133** | **TERM call failed. Return code {xxxxxxxx} Reason code {xxxxxxxx}** |
| **Explanation** | The TERM call failed for the selected MTYPE. |
| **Action** | Check the job output or JCL, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-134** | **Parameter PRINT must be set to YES or NO** |
| **Explanation** | An invalid value was specified for the PRINT parameter of the ADAMTR utility. |
| **Action** | Check the parameter input, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-135** | **Parameter ETBSCONV must be set to YES or NO** |
| **Explanation** | An invalid value was specified for the ETBSCONV parameter of the ADAMTR utility. |
| **Action** | Check the parameter input, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-136** | **Parameters ETBTOKEN and/or ETBUSERID are only allowed when parameter ETBSCONV=YES** |
| **Explanation** | A value was specified for the ETBTOKEN and/or ETBUSERID parameters when ETBSCONV was set to NO. |
| **Action** | Check the parameter input, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-137** | **ETBBROKER Service has multi conversation mode data waiting to be consumed, switch to single conversation mode not allowed** |
| **Explanation** | This error occurs whenever the parameter ETBSCONV is set to YES and there are multi conversation mode messages waiting to be consumed from the last session. Switching to single conversation mode is not allowed until the pending multi conversation mode messages are consumed. |
| **Action** | Run ADAMTR with ETBSCONV set to NO and consume the pending multi conversation mode messages. |

# 87 ADAMTS Utility Messages

| | |
|---|---|
| **ERROR-121** | **Parameter MTYPE must be set to ETBROKER or MQSERIES** |
| **Explanation** | An invalid value was specified for the MTYPE parameter of the ADAMTS utility. |
| **Action** | Check the parameter input, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-122** | **Parameter ETBROKERID must be specified when MTYPE=ETBROKER**<br>**Parameter ETBSERVICE must be specified when MTYPE=ETBROKER**<br>**Parameter ETBSERVICENAME must be specified when TYPE=ETBROKER**<br>**Parameter ETBSERVICECLASS must be specified when MTYPE=ETBROKER**<br>**Parameter MQQNAME must be specified when MTYPE=MQSERIES**<br>**Parameter MQQMGRNAME must be specified when MTYPE=MQSERIES** |
| **Explanation** | The listed, required parameters are missing for the selected MTYPE. |
| **Action** | Check the parameter input, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-123** | **ETBROKER parameters may not be specified when MTYPE=MQSERIES**<br>**MQSeries parameters may not be specified when MTYPE=ETBROKER** |
| **Explanation** | Improper parameters have been specified for the selected MTYPE. |
| **Action** | Check the parameter input, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-124** | **Open failed for file MTSIN** |
| **Explanation** | The file allocated by the MTSIN DD statement could not be opened. |
| **Action** | Check the job output or JCL, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-125** | **Load failed for {ADAETB\|ADAMQS}** |
| **Explanation** | The module listed could not be loaded by the job. |
| **Action** | Check the job output or JCL, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-126** | **INIT call failed. Return code {rcrc}, Reason code {reason}** |
| **Explanation** | The INIT call failed for the selected MTYPE. |
| **Action** | Check the job output or JCL, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-127** | **CONNECT call failed<br>"{Return-code}" "{reason-code}" "{messaging-system-return-code}"<br>"{messaging-system-reason-code}"** |
| **Explanation** | The CONNECT call failed for the selected MTYPE. |
| **Action** | Check the job output or JCL, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-128** | **OPEN call failed.<br>"{Return-code}" "{reason-code}" "{messaging-system-return-code}"<br>"{messaging-system-reason-code}"** |
| **Explanation** | The OPEN call failed for the selected MTYPE. |
| **Action** | Check the job output or JCL, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-129** | **SEND call failed.<br>"{Return-code}" "{reason-code}" "{messaging-system-return-code}"<br>"{messaging-system-reason-code}"** |
| **Explanation** | The SEND call failed for the selected MTYPE. |
| **Action** | Check the job output or JCL, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-130** | **CLOSE call failed.<br>"{Return-code}" "{reason-code}" "{messaging-system-return-code}"<br>"{messaging-system-reason-code}"** |
| **Explanation** | The CLOSE call failed for the selected MTYPE. |
| **Action** | Check the job output or JCL, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-131** | **DISCONNECT call failed. "{Return-code}" "{reason-code}" "{messaging-system-return-code}" "{messaging-system-reason-code}"** |
| **Explanation** | The DISCONNECT call failed for the selected MTYPE. |
| **Action** | Check the job output or JCL, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-132** | **TERM call failed. Return code {xxxxxxxx} Reason code {xxxxxxxx}** |
| **Explanation** | The TERM call failed for the selected MTYPE. |
| **Action** | Check the job output or JCL, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-133** | **Read of MTSIN failed** |
| **Explanation** | A problem occurred while attempting to read MTSIN. The cause is probably a JCL error. |
| **Action** | Check the job output or JCL, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-134** | **Parameter ETBSCONV must be set to YES or NO** |
| **Explanation** | An invalid value was specified for the ETBSCONV parameter of the ADAMTS utility. |
| **Action** | Check the parameter input, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-135** | **Parameters ETBTOKEN and/or ETBUSERID are only allowed when parameter ETBSCONV=YES** |
| **Explanation** | A value was specified for the ETBTOKEN and/or ETBUSERID parameters when ETBSCONV was set to NO. |
| **Action** | Check the parameter input, correct the error, and rerun the job. |

| | |
|---|---|
| **ERROR-136** | **ETBBROKER Service has multi conversation mode data waiting to be consumed, switch to single conversation mode not allowed** |
| **Explanation** | This error occurs whenever the parameter ETBSCONV is set to YES and there are multi conversation mode messages waiting to be consumed from the last session. Switching to single conversation mode is not allowed until the pending multi conversation mode messages are consumed. |
| **Action** | Run ADAMTR with ETBSCONV set to NO and consume the pending multi conversation mode messages. |

# 88 ADAORD Utility Messages

**ERROR-121** **DDFILEA block size too small**

**Explanation** The DDFILEA block size ("count-a" bytes) is too small to write a "record-type" record with a length of "count-b" bytes (file "file-number"). Actual values are provided in the message text.

**Action** Assign DDFILEA to a device type with a greater sequential block size.

**ERROR-122** **DDFILEA structure mismatch**

**Explanation** DDFILEA has an invalid structure (probably a job control statement error).

**Action** Correct any error and rerun the ADAORD job.

**ERROR-123** **No utility function given**

**Action** Supply one of the following keywords and rerun the job:

REORDB, REORASSO, REORDATA, REORFILE, REORFASSO, REORFDATA, RESTRUCTUREF, RESTRUCTUREDB, STORE.

See the Adabas Utilities documentation for further information.

**ERROR-124** **At least one file required**

**Explanation** An empty file list is not permitted for the functions REORFILE, REORFASSO, REORFDATA and RESTRUCTUREF and STORE.

**Action** Supply the correct parameter value, and rerun the ADAORD job.

**ERROR-125** **The value for the MAXFILES parameter is less than the highest loaded file number (MAXFILES={count}, highest loaded file number={file-number})**

**Action** Increase the MAXFILES value and rerun the job.

**ERROR-126** **DATASTORAGE record too long. The record with ISN {isn-number} in file {file-number} has a length of {count} bytes. The maximum permitted record length is {maxcount} bytes.**

**Explanation** The record with ISN *isn-number* in file *file-number* has a length of *count* bytes. The maximum permitted record length is *maxcount* bytes (actual values are given in the message text). This file cannot be processed by ADAORD.

**ERROR-127** **Input data set does not contain data for file {file-number}**

**Explanation** Either a wrong input (DDFILEA) is supplied, or a wrong file is requested.

**Action** Supply the correct parameter value and rerun the ADAORD job.

**ERROR-128** **I/O count mismatch**

**Explanation** The number of records read from DDFILEA is different from the number of records written to DDFILEA.

DDFILEA : count-a WRITES DDFILEA : count-b READS

Not all files included in processing are currently accessible.

**Action** Check the job control to see whether there is a multivolume problem. Restore the save tape and rerun the ADAORD job.

**ERROR-129** **Invalid value for the 'SORTSEQ' parameter for file {file-number}**

**Explanation** Allowed values are:

- SORTSEQ=ISN, to process in ISN sequence
- SORTSEQ=DE, where DE is any descriptor whose parent is neither an MU field nor contained in a periodic group, is not a hyperdescriptor or phonetic descriptor, and is not defined with the null suppression (NU) option.

**Action** Supply the correct parameter value and rerun the ADAORD job.

**ERROR-130** **Invalid value for the parameter 'NEWDBID'**

**Explanation** The value for the database ID must be in the range 1 to 65,535.

**Action** Supply the correct NEWDBID parameter value and rerun the ADAORD job.

**ERROR-131** **The descriptor {xx} for file {file-number} has the 'NU' option**

**Explanation** NU option descriptors must not be used to control the sort sequence of reordering; this may cause a physically inconsistent database.

**Action** Select another descriptor for the sort sequence. Then rerun ADAORD. See the Adabas Utilities documentation for more information.

**ERROR-132** **DSST-space allocation failed**

**Explanation** Not enough space is left in the Associator to allocate the DSST.

**Action** Reduce the value for the MAXFILES parameter and rerun the ADAORD job.

**ERROR-133** **The MAXISN value specified for file {file-number} is less than the current TOPISN**

**Explanation** The MAXISN parameter setting must be greater than the TOPISN value listed in the ADAREP report. TOPISN is the highest current ISN allocated for records in the specified file (the file number is given in the message text), and cannot be defined.

**Action** Specify the correct MAXISN value and rerun the ADAORD job.

**ERROR-134** **FST (Free Space Table) not available**

**Explanation** The free space table is locked by the nucleus or by another utility.

**Action** Try rerunning the ADAORD job later.

**ERROR-135** **MAXISN parameter conflicts with NOACEXTENSION**

**Explanation** For file "file-number", the NOACEXTENSION option is in effect, but the MAXISN value supplied (new-value) is greater than the old MAXISN (old-value). (Actual file and MAXISN values are given in the message text.)

**Action** Supply the correct MAXISN value and rerun the ADAORD job.

**ERROR-137** **Alternate RABNs cannot be allocated**

**Explanation** An attempt was made to allocate "count" ASSO/DATA alternate RABNs starting from RABN "start-rabn".

**Action** Investigate and correct the cause of the error, and rerun the job.

**ERROR-138** **Inconsistent file list**

**Explanation** File "file-number" is either a coupled file or part of an expanded file, but not all related files have been included in the file list.

**Action** Supply the correct file list, and rerun the ADAORD job.

**ERROR-139** **Overwrite system file not possible**

**Explanation** An attempt was made to overwrite the checkpoint or security file with a file having another file number.

**Action** Correct the file number to the original and rerun the ADAORD job.

**ERROR-141** **Invalid ISN detected**

**Explanation** The invalid ISN (isn-number) was detected in file (file-number). The ISN is either

- equal to zero; or
- greater than MAXISN (max-isn-val).

**Action** Repair the file and reexecute ADAORD.

**ERROR-142** **Duplicate ISN detected**

**Explanation** ISN (isn-number) is contained twice in file (file-number).

**Action** Correct the file and reexecute ADAORD.

**ERROR-143** **DLOG area allocation failed**

**Explanation** The allocation of the DSF logging area failed. An attempt was made to allocate (count) blocks starting at Associator RABN (rabn-number).

**Action** Correct the RABN assignment and reexecute ADAORD.

**ERROR-144** **Error on DDFILEA**

**Explanation** After reopening DDFILEA for input, the first record read did not have record number 1. Not all the files included in the processing are currently accessible.

**Action** Check the JCL to determine whether there is a multivolume problem. Restore your save tape and rerun the ADAORD job.

**ERROR-145** **Storing {CHECKPOINT | SECURITY} file not allowed**

**Explanation** A version 5.2 or below checkpoint file cannot be converted by ADAORD STORE to version 5.3 or above. A version 5.3 or below security file cannot be converted by ADAORD STORE to version 6.1 or above.

**Action** Remove the checkpoint or security file from the file list and rerun ADAORD.

**ERROR-146** **Descriptor not found**

**Explanation** The nucleus returned response code 57 (ADARSP057): the descriptor "xx" for file "file-number" could not be found. ADAORD cannot unload the index for this file.

**Action** Run the ADACHK ICHECK utility function for this file; remove the error and rerun the ADAORD utility run.

**ERROR-147** **Duplicate file number detected**

**Explanation** The file "file-number" was specified twice (the actual file value is provided in the message text).

**Action** Correct the error and rerun the job.

**ERROR-148** **Partial overwrite of coupled/expanded files**

**Explanation** The file "file-number-a" is coupled with or, in an expanded file, linked to the file "file-number-b", which is not part of the STORE operation (the actual file values are provided in the message text). This STORE operation cannot be serviced because it would result in a logical data inconsistency.

**Action** Check the STORE function parameter input; correct the error and then rerun the STORE job.

**ERROR-149** **Invalid value for parameter 'ALLOCATION'**

**Explanation** Valid values are ALLOCATION=FORCE | NOFORCE.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-150** **Invalid EXCLUDE parameter**

**Explanation** The file number given in the message either has not been specified at all for REORDER/STORE, or has been specified twice in the EXCLUDE parameter.

**Action** Correct the error and rerun the job.

**ERROR-151** **File {file-number} is a physically coupled file**
**The ISNSIZE cannot be modified**

**Explanation** A coupled index contains the ISNs of the file it is coupled to. These ISNs have the byte-size specified by the other file's ISNSIZE. Even if the other file is also modified by ADAORD, the ISNSIZE cannot be modified using the coupled index.

**Action** Remove the ISNSIZE parameter or modify the file-list.

**ERROR-152** **Overwrite system file not possible**

**Explanation** The Replicator or SLOG system file may not be overwritten by a non-system file with the same file number.

**Action** Correct the file number to the original and rerun the ADAORD job.

**ERROR-153** **Storing Replicator/SLOG file not allowed**

**Explanation** The file on the input media is not a valid Replicator or SLOG system file.

**Action** Remove the Replicator or SLOG system file from the file list and rerun ADAORD.

**ERROR-154** **A Reptor database may only contain the files CHECKPOINT, SECURITY, REPLICATOR, and SLOG**

**Explanation** A database defined as an Event Replicator Server (created with REPTOR=YES) must not contain user files or system files not related to replication.

**Action** Do not attempt to store files other than CHECKPOINT, SECURITY, REPLICATOR, or SLOG on Event Replicator Servers.

**ERROR-155** **The MAXISN2 value specified for file {file-number} is less than the current TOP AC2 ISN**

**Explanation** The MAXISN2 parameter setting must be greater than the TOP AC2 ISN value listed in the ADAREP report. TOP AC2 ISN is the highest current secondary ISN allocated for secondary spanned records in the specified file (the file number is given in the message text), and cannot be defined.

**Action** Specify the correct MAXISN2 value and rerun the ADAORD job.

**ERROR-156** **Invalid value for the parameter MAXISN2**

**Explanation** The MAXISN2 parameter values must satisfy the following expressions:

- If the ISNSIZE is 3, the value of MAXISN2 must be greater than zero, but less than or equal to 16,777,215 (`0 < MAXISN2 <= 16,777,215`).
- If the ISNSIZE is 4, the value of MAXISN2 must be greater than zero and less than or equal to 4,294,967,294 (`0 < MAXISN2 <= 4,294,967,294`).

**Action** Supply the correct MAXISN2 parameter value and rerun the job.

| | |
|---|---|
| **ERROR-157** | **Maximum number of user system files defined**<br>**File {file-number} was originally loaded with the SYSFILE option, but the maximum number of user system files already exists.** |
| **Explanation** | The limit of ten user system files has already been reached. |
| **Action** | Unload, delete, and reload one of the user system files without the SYSFILE option. Then rerun this utility. |

| | |
|---|---|
| **ERROR-158** | **The database is active but the utility communications block (DIB) is missing the nucleus entry** |
| **Explanation** | The ADAORD utility determined the nucleus was active without a DIB entry. |
| **Action** | Check the job to ensure the correct ASSO, DATA, and WORK data sets are specified for the given DBID. |

| | |
|---|---|
| **ERROR-163** | **A replication system file may only be stored on a Reptor database.** |
| **Explanation** | The replication system file may only be stored on a database that has been defined as a replication server. |
| **Action** | Investigate the cause of the error. |

| | |
|---|---|
| **ERROR-164** | **An SLOG system file may only be stored on a Reptor database.** |
| **Explanation** | The SLOG system file may only be stored on a database that has been defined as a replication server. |
| **Action** | Investigate the cause of the error. |

# 89 ADAPLP Utility Messages

**ERROR-121** **Missing function**

**Explanation** One of the following function codes is required:

- PLOGPRI
- SPLOGPRI
- WORKPRI

**Action** Supply the correct function value and rerun the job.

**ERROR-122** **Invalid value for the parameter 'TYPE'**

**Explanation** Valid values are:

- TYPE=ALL
- TYPE=ASSO
- TYPE=DATA
- TYPE=REPR
- TYPE=SAVO
- TYPE=ET
- TYPE=C1
- TYPE=C5
- TYPE=VEKZ
- TYPE=EEKZ

**Action** See the ADAPLP utility description in the Adabas Utilities documentation for more information.

| | |
|---|---|
| **ERROR-123** | **Missing ASSO data sets** |
| **Explanation** | The Associator data set(s) is required for the WORKPRI function. |
| **Action** | Correct the job control statements to specify the required ASSO data sets, and rerun the ADAPLP job. |

| | |
|---|---|
| **ERROR-124** | **There is a discrepancy between the protection record and the ADABAS version** |
| **Explanation** | The version indicates that the timestamp should be included on the protection record but it was missing. |
| **Action** | Check how this protection record was created and correct the protection record. Otherwise, contact customer support with information on how the protection record was created (nucleus or utility DDPRINT) and provide a copy of the input dataset used for ADAPLP along with the ADAPLP output. |

# 90 ADARAI Utility Messages


- ADARAI Error Messages Written to the Output Recovery Job (ERROR-160 - ERROR-169) ..... 1357

This document describes general ADARAI errors (errors 117-159), ADARAI errors written to the output recovery job (errors 160 to 169), and informational ADARAI messages.

**ERROR-117** **DSIMSIZE/DSIMDEV parameters required**

**Explanation** ADARAI RECOVER was invoked for a database where the Delta Save Facility was active. In order to run correctly, ADARAI must know the DSIM device type and size of the DSIM data set. This could not be established using the RLOG and the parameters were not provided to ADARAI; therefore, ADARAI operation cannot continue.

**Action** Specify the DSIMDEV and DSIMSIZE parameters to ADARAI.

**ERROR-118** **Skeleton for {job-control} contains a {keyword} placeholder. This is not permitted for this skeleton**

**Explanation** The skeleton job control for the *job-control* step in the supplied skeleton job control contained a *keyword* place holder. This placeholder is not permitted in the *job-control* step.

**Action** Modify the `job-control' step in the skeleton to remove the `keyword' placeholder specification.

**ERROR-119** **Skeleton for {job-control} contained two or more {keyword} placeholder definitions**

**Explanation** The skeleton job control for the *job-control* step in the supplied skeleton job control contained two or more *keyword* placeholders prior to the next step. Each placeholder should only be specified once in each job control step in the skeleton; otherwise, ADARAI cannot determine which one to use.

**Action** Modify the `job-control' step in the skeleton to only specify the `keyword' placeholder once.

**ERROR-120** **Skeleton for {job-control} did not contain required {keyword} placeholder**

**Explanation** The skeleton job control for the *job-control* step in the supplied skeleton job control did not contain the *keyword* placeholders anywhere prior to the next step. In order to insert the correct replacement data in the appropriate place in the skeleton, the *keyword* placeholder must be provided at some point in the *job-control* skeleton.

**Action** Modify the `job-control' step in the skeleton to include the 'keyword' placeholder specification.

**ERROR-121** **Invalid file number {file-number} is an invalid file number**

**Explanation** The file number *file-number* is greater than the maximum permitted for the database.

**Action** Supply a valid file number and rerun the job.

**ERROR-122** **Specified DRIVES parameter {drives} larger than original DRIVES parameter {original}**

**Explanation** The ADARAI RECOVER DRIVES parameter was set to *drives*, however, the original save job was originally run with DRIVES=*original*. The DRIVES parameter specified for ADARAI RECOVER must be equal to, or less than the original DRIVES parameter. ADARAI ignores the specification and uses the original DRIVES parameter.

**Action** Modify the DRIVES parameter to use a valid value.

**ERROR-124** **Invalid file number requested. There is not recovery log information for the following file number (s): File={nn}**

**Explanation** The file is not known to the recovery log (RLOG). If the file was created by an ADADBS operation, the required checkpoint was not included in the checkpoint file, and the RLOG has no record of the change.

**Action** Supply correct file numbers and rerun the job.

**ERROR-127** **RLOG is incorrect version. Execute PREPARE function and rerun the job**

**Explanation** The RLOG is from a version of the recovery aid prior to version 7.1, but the newer Adabas recovery aid requires an RLOG created by the updated ADARAI PREPARE function.

**Action** Run the ADARAI PREPARE function to convert the RLOG.

**ERROR-130** **Parameter RLOGSIZE missing or invalid. A minimum of {nn} blocks is required**

**Action** Supply a valid RLOGSIZE parameter and rerun the job.

**ERROR-131** **Invalid value for parameter MINGENS. The value for this parameter must be in the range 4 through 32**

**Action** Supply a valid MINGENS parameter and rerun the job.

**ERROR-133** **Missing or invalid JCL pattern**

**Explanation** The input parameter list does not contain a valid pattern string for the JCL to be generated.

**Action** Supply a correct JCL pattern and rerun the job. See the Adabas Utilities documentation for the syntax description.

**ERROR-136** **Invalid value for the RELGEN parameter**

**Explanation** The value is either greater than MINGENS - 1 or, for a Recovery operation, points to a nonexistent generation.

**Action** Supply a valid RELGEN parameter and rerun the job.

**ERROR-138** **ADARES PLCOPY not acknowledged**

**Explanation** The Adabas nucleus is not up. ADARAI called the user exit 2 (dual log processing) or user exit 12 (multiple log processing) to submit a job to copy pending data from a protection log. ADARAI waited for the copy to complete; however, the copy did not complete in the time that ADARAI was waiting.

**ERROR-139** **ADARES PLCOPY not acknowledged**

**Explanation** The Adabas nucleus was called with a FEOFPL command to close and copy the current dual or multiple protection log. ADARAI waited for a copy to be submitted and completed as a result of this command; however, the copy did not complete in the time that ADARAI was waiting.

**ERROR-140** **ADARAI not permitted to run. The Adabas nucleus returned response {nnn}.**

**Explanation** The only acceptable response is 148.

**Action** Shut down the nucleus and rerun the job.

**ERROR-156** **Invalid JCL control keyword**

**Action** Supply a correct JCL input and rerun the job.

**ERROR-157** **Generation {nn} is {xxxxxxxx}**

**Explanation** ADARAI was not able to LIST or RECOVER a generation because the generation is either erroneous or restricted.

**Action** Determine the reason for the problem, correct it, and rerun the job.

**ERROR-158** **ADARAI not permitted to run. The Adabas nucleus returned response {rc}, subcode {sc}**

**Explanation** ADARAI was unable to run because of the problem indicated by the Adabas nucleus response code *rc* and, if relevant, the subcode *sc*

**Action** See the **Adabas response code/subcode descriptions**.

| | |
|---|---|
| **ERROR-159** | **ADARAI PREPARE not permitted to run** |
| **Explanation** | The RLOG is in an invalid state for PREPARE. If the RLOG is in use, issue an ADARAI REMOVE for the RLOG. If this is a new RLOG, it must be formatted before running ADARAI PREPARE. The RLOGSIZE defined using ADARAI PREPARE must be the same as that previously defined by the SIZE parameter of the ADAFRM RLOGFRM function. |
| **Action** | Use ADARAI REMOVE to deactivate the RLOG, or ADAFRM RLOGFRM to reformat the RLOG before running ADARAI PREPARE. |

## ADARAI Error Messages Written to the Output Recovery Job (ERROR-160 - ERROR-169)

The following errors are written directly to the output recovery job to

- ensure that the job cannot run without modification, and
- identify the point in the job generation where the error was encountered.

| | |
|---|---|
| **ERROR-160** | **The generation used to create the following job was {status}** |
| **Explanation** | The generation used to generate the job had a status other than "normal". This indicates that ADARAI determined at some time during the creation of the generation that the job it would generate could not run without changes by the user. |
| **Action** | Determine the reason for the status and modify as appropriate. When the generation is "restricted", a later message indicates where the generation actually became restricted. Generally, such jobs run successfully with intervention. If the generation is "erroneous", it is impossible to know what caused this during the recovery phase; therefore, you must determine what caused the problem and correct it in the recovery job if possible and appropriate. |

| | |
|---|---|
| **ERROR-161** | **No full save data set available in generation** |
| **Explanation** | The generation being recovered has no full save data set associated with it. This should only occur for the first generation allocated by default after the RLOG is prepared. |
| **Action** | Determine the last full save data set prior to the generation and insert a step to restore this prior to using the generated recovery job. Any steps that took place between the time the full save was taken and the RLOG became available must also be inserted here to insure that the recovery job runs and that the resulting data is valid. |

**ERROR-162** **Missing PLOG data set information PLOG number = {plog} low PLOG block = {lowblk} [NUCID {nucid}] high PLOG block = {highblk} [NUCID {nucid}]**

**Explanation** During the generation of the recovery job, ADARAI determined that it needed the range of PLOG blocks listed in the message; however, these PLOG blocks were not recorded in the generation being recovered. This may occur if the generation was restricted, or a PLCOPY step to copy a PLOG failed to record its execution on the RLOG data set. When it is nonzero, a cluster nucleus ID is appended after the low and high PLOG block number.

**Action** Determine the PLOG on which the range of blocks is located and add this data set to the job at the appropriate point as identified by the location of the message.

**ERROR-163** **Generation became restricted following this step**

**Explanation** This identifies the point in the recovery job at which the generation became "restricted" and the reason why it was restricted. With user intervention, it should be possible to handle the reason for the generation becoming restricted and thus to enable the recovery job to successfully recover the database.

**Action** Take appropriate action to handle the reason for the restriction.

**ERROR-164** **No session end record found**
**Insure all PLOGs are included prior to next utility run**

**Action** ADARAI encountered an off-line utility execution at a point where a session start record was found but no session end record was found. This indicates that the nucleus session terminated abnormally prior to the off-line utility being executed. This means that ADARAI cannot determine precisely what the last PLOG block of that session was and can only attempt to include all PLOG blocks it knows about for that session.

**Action** Ensure that all PLOGs for that particular session are provided to the REGENERATE prior to the utility step about to be executed. Additional PLOGs for the session, not known to ADARAI, can be added at the end of the DDSIIN statement.

**ERROR-165** **No RESTPLOG entry found**

**Explanation** A RESTONL request was encountered that is normally followed by a RESTPLOG entry indicating the PLOGs that must be provided to the RESTONL for it to complete successfully. In this case, no RESTPLOG entry could be found relating to the RESTONL function that was encountered. Under normal circumstances, this can only occur if the RESTONL function fails during the PLOG processing stage and the RESTPLOG is not repeated stand-alone.

**Action** Determine if the RESTPLOG was in fact successfully issued but not recorded on the RLOG. If so, the appropriate PLOGs can be added to the RESTONL step based on the information in the RESTPLOG job itself.

**ERROR-166** **No starting PLOG information found**

**Explanation** While building the recovery job, ADARAI encountered a utility operation that was run online; however, no preceding nucleus sessions start record was encountered. This can only occur if the generation is "restricted" or the session start logging to the RLOG failed.

**Action** If there is no reasonable explanation why this occurred, contact your Software GmbH technical support representative.

**ERROR-167** **RESTPLOG encountered out of sequence SYN1 PLOG block ={plogblk} [NUCID {nucid}] SYN2 PLOG block ={plogblk} [NUCID {nucid}]**

**Explanation** Under normal circumstances, a RESTPLOG request is only encountered in association with a RESTONL utility operation. In this case, a RESTPLOG was encountered for the PLOG blocks identified with no preceding RESTONL request. When it is nonzero, the cluster nucleus ID is appended after the block number.

**Action** Determine how the RESTPLOG entry occurred at that point and determine if the recovery job will run successfully without that step.

**ERROR-168** **Job contains one or more errors**

**Explanation** While building the recovery job, ADARAI detected one or more errors that have rendered the generated recovery job not executable.

**Action** Correct the errors identified earlier in the job and run the job if it can be successfully repaired based on the errors that have occurred.

**ERROR-169** **The previous step was incomplete**

**Explanation** The ADARAI data collection mechanism was notified that the step prior to this message was preparing to complete its processing; however, a `commit' record was not written for the utility execution indicating that either it did not run to completion or the commit record could not be written.

**Action** Determine the reason for the failure to complete the information on the RLOG. If the recovery job can run successfully without the failing step, remove the step completely from the recovery job. If required, make the appropriate corrections to the job step.

**INFO-001** **The following PLOG numbers were not used: low PLOG number {lowplog} [NUCID {nucid}] high PLOG number {highplog} [NUCID {nucid}]**

**Explanation** During its PLOG validation processing, ADARAI checks to see whether the PLOG session numbers it encounters are in sequential ascending order (e.g., PLOG 8 follows PLOG 7, PLOG 7 follows PLOG 6 and so on). When it encounters a situation where this is not the case, this message is issued identifying the range of `missing' PLOGs. This can occur when online saves are used. When it is nonzero, a cluster nucleus ID is appended after the session number.

**INFO-002** **File number {file} deleted**

**Explanation** During optimized ADARAI RECOVERY processing, a deleted file may simply not figure in the recovery job itself. This message is issued to register the fact that the file number `file' was deleted during the generation being recovered.

# 91 ADAREP Utility Messages

| | |
|---|---|
| **ERROR-121** | **Nucleus returned response {resp-code} while reading/opening the checkpoint file. ( {nucleus-response} )** |
| **Explanation** | Refer to chapter 3 for the meaning of "resp-code". |
| **Action** | Investigate the cause of the error. Correct it and rerun the job. |
| **ERROR-122** | **Inconsistency detected between FST and GCB (internal error)** |
| **Explanation** | The FST contains RABNs that do not belong to the database. |
| **Action** | Repair the FST using Adabas basic system or ADADBS recover. |
| **ERROR-124** | **Inconsistency between file {file-name} and GCB (internal error)** |
| **Explanation** | The file extents contain RABNs that do not belong to the database. |
| **Action** | Repair the file using RESTORE and REGENERATE. |
| **ERROR-125** | **Inconsistency in mirror block (internal error)** |
| **Explanation** | The mirror table has an incorrect structure; it cannot be interpreted. |
| **Action** | Repair the mirror table using ADAREF; then mirror your database again. |
| **ERROR-126** | **Invalid parameter value for parameters FROMDATE/TODATE or FROMSESSION/TOSESSION** |
| **Action** | Supply the correct parameter value and rerun the job. |

**ERROR-127** **Invalid FROMDATE / TODATE parameter**

**Explanation** The FROMDATE / TODATE parameters must have the format yyyymmdd.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-128** **Invalid save tape supplied**

**Explanation** The data set supplied as the DDSAVE input data set is not a save tape.

**Action** Supply a valid save tape and rerun the job.

**ERROR-129** **Save tape must be from V71 or higher**

**Explanation** The supplied save tape was not created using Adabas version 7.1 or above.

**Action** Supply a save tape created using Adabas version 7.1 or above and rerun the job.

**ERROR-130** **ICS error. See ADAU7A in DDPRINT**

**Explanation** An attempt has been made to access a UES code page, typically with the ACODE parameter.

**Action** The ADAU7A message is probably as follows:

```
ADAU7A ICS ERROR     -7 IN FUNCTION GETHANDL 0888
```

It may be that the ACODE code supplied is not in the STEPLIB data set or library, or that the STEPLIB DD card or link name has not been supplied. Check the JCL and rerun the job.

**ERROR-131** **Statement OUTPUT error.**
**Statement OUTPUT can be:**
**XML**
**XML,UTF8**
**,XML**
**,UTF8**
**UTF8**
**UTF8,XML**

**Explanation** The OUTPUT parameter statement has been incorrectly specified.

**Action** Check the options supplied with the list in the error message. Correct it and rerun the job.

**ERROR-132** **Statement ACODE error.**
**Statement ACODE can be:**
**For DBName - GCB or CodePage or omitted**
**For FileName - GCB or FCB or CodePage or omitted**
**For CheckPoint - GCB or CodePage or omitted**

**Explanation** The ACODE parameter statement has been incorrectly specified.

**Action** Check the options supplied with the list in the error message. Correct it and rerun the job.

**ERROR-133** **Parameter PRINT must either be ON or OFF or omitted**

**Explanation** The PRINT parameter statement has been incorrectly specified.

**Action** Check the options supplied in the error message. Correct it and rerun the job.

**ERROR-134** **At least one output media must be enabled. Set PRINT=ON or a valid value for the OUTPUT parameter or set both**

**Explanation** The combination of values for the OUTPUT and PRINT parameter statement has been incorrectly specified.

**Action** Check the options supplied in the error message. Correct it and rerun the job.

**WARN-135** **Ignored invalid value for parameter CP: {invalid_value}**

**Explanation** The parameter CP has been incorrectly specified.

**Action** Remove the invalid keyword and rerun the job.

**ERROR-136** **Parameter CP only allowed when CPLIST or CPEXLIST specified**

**Explanation** The parameter CP has been incorrectly specified.

**Action** Remove the CP parameter or add the CPLIST/CPEXLIST parameter and rerun the job.

**ERROR-137** **At least one valid value for parameter CP is required**

**Explanation** The parameter CP has been incorrectly specified.

**Action** Use one or more values from the following list for the CP parameter and rerun the job. Valid keywords for the CP parameter are:

- SESSION
- NUCLEUS
- ADASAV
- ADAINV
- ADAORD
- ADADEF

- ADARES
- ADALOD
- ADAULD
- ADAZAP
- SYSAOS
- ADADBS
- ADASCR
- EXF
- EXU

**ERROR-138** **FDT for file {file-number} does not fit into the FDT RABNs**

**Explanation** The FDT is too large for the FDT RABNs that are provided for the given file.

**Action** Issue an ADACHK CHECK against the file for more detailed information, then determine the cause of the error and correct it.

**ERROR-139** **First or last PPT RABN equals zero**

**Explanation** Either the first or last RABN of the PPT is zero.

**Action** Issue an ADACHK CHECK against the file for more detailed information, then determine which RABNs are in error to find the cause of the error and correct it. Inform your database administrator (DBA) of the error, or contact your nearest representative if additional information is needed.

**ERROR-140** **Unexpected value found in the PPT RABN in the GCB**

**Explanation** The GCB has incorrect information on the PPT RABN, or the PPT RABN is incorrect.

**Action** Issue an ADACHK CHECK against the file for more detailed information, then identify the problem and correct it. Inform your database administrator (DBA) of the error, or contact your representative if additional information is needed.

# 92 ADARES Utility Messages

This document describes general and warning ADARES messages.

| | |
|---|---|
| **ERROR-121** | **Protection log number mismatch** |
| **Explanation** | The protection log number specified by the PLOGNUM/FROMPLOG parameter could not be found on the input log media. |
| **Action** | Supply a correct protection log data set and rerun the job. |

| | |
|---|---|
| **ERROR-122** | **FROMCP/FROMBLK not found** |
| **Explanation** | The start checkpoint/block number specified in the FROMCP/ FROMBLK parameter could not be found on the protection log number "log-number" (the actual log number is shown in the message text). |
| **Action** | Supply the correct parameter value and rerun the job. |

| | |
|---|---|
| **ERROR-123** | **Ending block number not found** |
| **Explanation** | The block number specified in the TOBLK parameter could not be found on the protection log input. |
| **Action** | Supply the correct parameter value and rerun the job. |

| | |
|---|---|
| **ERROR-124** | **Invalid log number specification** |
| **Explanation** | The nucleus is not able to obtain the number of the last block written to the sequential protection log data set for the requested session *session-id*. |
| **Action** | Contact your technical support representative. |

**ERROR-125** **Dual log modified during copy run**

**Explanation** User exit 2 of the nucleus is

- used: the copy run was started twice using the exit; or
- not used: the nucleus started writing to the part of the dual log being copied before the copy run finished.

**Action** Save the ADARES output and contact your technical support representative.

**ERROR-126** **Invalid FROMBLK/FROMCP/TOBLK/TOCP values**

**Explanation** Missing or invalid FROMCP or TOCP specification.

**Action** See the Adabas Utilities documentation for further information.

**ERROR-127** **Database ID mismatch**

**Explanation** The ADARUN DBID is "dbid-a", but the DDSIIN input data set contains data for DBID "dbid-b", on block "block-number", "session-id". Either the wrong database is accessed, or the utility input parameter specifies a wrong database ID.

**Action** Correct the error and rerun the job.

**ERROR-128** **Inconsistent file list**

**Explanation** File "file-number" is either a coupled file or part of an expanded file; however, not all corresponding files have been included in the file list.

**Action** Supply a correct file list, or specify the IGNORECOUPLE/IGNOREEXP parameters, then rerun the ADARES job.

**ERROR-129** **Empty PLOG data set for backout**

**Explanation** PLOGR1/R2 are empty. Backout from disk is not possible.

**Action** Save the ADARES output and contact your technical support representative.

**ERROR-130** **PLOG data set not yet copied**

**Explanation** An attempt was made to read from data set (name), but this data set has not been copied.

**Action** Run the ADARES function PLCOPY first to save the contents of the dual or multiple protection log data set, then rerun this job.

**ERROR-131** **TOCP/TOBLK not found on dual protection log**

**Explanation** The requested checkpoint for backout DPLOG is not on the data set (name).

**Action** Supply a correct protection log and rerun the job.

**ERROR-132** **Invalid value for the parameter 'DSRABN'**

**Explanation** One of the following is required:

- a single RABN; or
- an ascending range of RABNs.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-133** **Conflicting FROMPLOG/TOPLOG parameters**

**Explanation** For the REGENERATE function, the value for TOPLOG must not be less than the value specified for FROMPLOG. For the BACKOUT function, the inverse must be true: the FROMPLOG value must not be less than the TOPLOG value.

**Action** Supply a correct parameter value and rerun the ADARES job.

**ERROR-134** **Protection log number mismatch**

**Explanation** The protection log data sets are not supplied in the correct order: the current protection log number has number (log-number-a); the previous had number (log-number-b).

**Action** Supply the correct sequence of protection logs and rerun the job.

**ERROR-135** **TOBLK/TOCP not found on sequential protection log**

**Explanation** The specified TOBLK does not contain the TOCP. The input has been processed, including the block specified by TOBLK.

**Action** Supply the correct parameter value and rerun the ADARES job.

**ERROR-136** **Invalid block number found**

**Explanation** The blocks of the current PLOG are not supplied in the correct order, or the first block of a PLOG does not have number 1. The block just read has number (block-number) on protection log number (log-number). The displayed message text contains actual block and log numbers.

**Action** Supply the correct sequence of protection logs and rerun the job.

**ERROR-137** **Missing function parameter**

**Explanation** The ADARES statement did not specify an ADARES function.

**Action** Supply an ADARES function (BACKOUT, CLCOPY, COPY, MERGE, PLCOPY, REGENERATE, REPAIR) and rerun the ADARES job.

**ERROR-138** **DBID mismatch**

**Explanation** On PLOG number (log-number), block number (block-number), DBID (dbid-a) was found, but the PLOG DBID parameter value is (dbid-b).

**Action** Supply the correct PLOG input and rerun the ADARES job.

**ERROR-139** **DDSIIN input error**

**Explanation** Sessions to be copied include both PLOG and SAVE sessions.

**Action** Supply the correct input and rerun the ADARES job.

**ERROR-140** **DDSIIN input error**

**Explanation** Timestamps are not ascending in session number "session-id". The block in error has number (block-number).

**Action** Supply the correct input and rerun the ADARES job.

**ERROR-141** **Parameter {parameter} not allowed in MODE=SINGLE**

**Explanation** The parameter parameter cannot be specified in single-user mode.

**Action** Rerun the job with the ADARUN parameter MODE=MULTI.

**ERROR-142** **Parameter {parameter} not allowed without DSF**

**Explanation** The parameter is only available when the Delta Save Facility is installed.

**System Action:** ADARES terminates abnormally.

**Action** If the Delta Save Facility is installed, specify ADARUN DSF=YES and rerun the job.

**ERROR-143** **Error during DSIM data set processing**

**Explanation** An error occurred while the Delta Save Facility was processing (building) the delta save images (DSIM) data set. The DSIM data set has not been built correctly. The reason for the error is indicated by a preceding Delta Save error message. This ADARES error message is only issued if the COPY function is executed without a sequential output data set.

**System Action:** ADARES terminates abnormally.

**Action** Determine and eliminate the cause of the error; then rerun the job.

**ERROR-144** **Parameter AUTOBACKOUT not allowed**

**Explanation** The AUTOBACKOUT parameter is allowed only when the TOCP parameter value is also specified.

**Action** Correct the input parameter specifications, then rerun the ADARES job.

**ERROR-145** **Invalid EXCLUDE parameter**

**Explanation** The file number provided in the message either has not been specified at all for REGENERATE/BACKOUT, or has been specified twice in the EXCLUDE parameter.

**Action** Correct the error and rerun the job.

**ERROR-146** **File excluded from REGENERATE**

**Explanation** The REGENERATE function excluded one or more files from the regeneration. Possible causes:

- The nucleus returned a response code for the file.
- ADARES encountered a utility checkpoint on the PLOG that pertained to the file, indicating a problem with the setup of the job (for example, wrong RAID parameter; wrong PLOG).

If a file is excluded from regeneration in a job built by the Adabas Recovery Aid, an internal error is indicated.

**Action** Determine the cause of the error and correct the job. If necessary, contact your technical support representative for help restarting the recovery process.

**ERROR-147** **Invalid value for parameter 'ALLOCATION'**

**Explanation** Valid values are ALLOCATION={FORCE | NOFORCE}.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-148** **Nucleus 'NU' parameter value too small**

**Explanation** Currently, more than `NU' number of users have open transactions.

**Action** Increase the nucleus `NU' value and rerun the job.

**ERROR-149** **Missing or mismatching RLOGDEV parameter**

**Explanation** The specified or implied RLOGDEV parameter does not match the RLOG device type stored in the GCBs.

| | |
|---|---|
| RLOGDEV parameter | = device type |
| RLOG device type | = device type |

The RLOGDEV parameter must be correct so that ADARES COPY/PLCOPY executions can be recorded in the recovery log even if the GCBs have been damaged.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-151** **Error occurred during {CLCOPY|PLCOPY|PPT} ENQ**

**Explanation** An error occurred while enqueuing the CLCOPY, PLCOPY, or PPT during the ADARES copy process.

**Action** Contact your technical support representative.

**ERROR-152** **ADARES BACKOUT DPLOG not allowed for a cluster database.**

**Explanation** The ADARES function BACKOUT DPLOG may not be used for an Adabas cluster database. ADARES BACKOUT may be used, but a merged protection log is required as input.

**Action** Use the PLCOPY function to merge the protection logs and supply the sequential data set.

**ERROR-153** **Invalid NUMLOG parameter specified**
**The value specified was {nn}**

**Explanation** When manually merging command logs in an Adabas cluster environment, the NUMLOG parameter maximum number is 32.

**Action** Specify the correct number of cluster command logs to be merged.

**ERROR-154** **{OPEN | CLOSE} error on {MERGIN1 | MERGIN2} file.**
**{<reason>}**
**System error code={nnnnnnnn}**

**Explanation** An error occurred while opening or closing the intermediate data set supplied for the protection or command log merge process in an Adabas cluster environment. The Adabas routine provides a reason and system error code.

**Action** Research the provided reason and system error code for any action that may be taken to correct this. Otherwise, contact your Software GmbH technical support representative.

**ERROR-155** **Read error on {MERGIN1 | MERGIN2} file.**
**{<reason>}**
**System error={nnnnnnnn}**

**Explanation** An error occurred while reading the intermediate data set supplied for the protection or command log merge process in an Adabas cluster environment. The Adabas routine provides a reason and system error code.

**Action** Research the provided reason and system error code for any action that may be taken to correct this. Otherwise, contact your Software GmbH technical support representative.

**ERROR-156** **Write error on {MERGIN1 | MERGIN2} file.**
**{<reason>}**
**System error={nnnnnnnn}**

**Explanation** An error occurred while writing to the intermediate data set supplied for the protection or command log merge process in an Adabas cluster environment. The Adabas routine provides a reason and system error code.

**Action** Research the provided reason and system error code for any action that may be taken to correct this. Otherwise, contact your Software GmbH technical support representative.

**ERROR-157** **Incorrect {MERGIN1 | MERGIN2} file supplied**

**Explanation** An incorrect intermediate data set was supplied for the protection or command log merge process in an Adabas cluster environment.

**Action** Contact your technical support representative.

**ERROR-158** **Inconsistency detected with header flag partial merge indicator is not set correctly**

**Explanation** During the protection or command log merge process in an Adabas cluster environment, an inconsistent indicator was detected for the merge status of a log.

**Action** Contact your technical support representative.

**ERROR-159** **Invalid {READ | WRITE} container function requested for merge process**

**Explanation** An error occurred when attempting a read or write to the PLOG or CLOG data set.

**Action** Contact your technical support representative.

**ERROR-160** **Internal processing error encountered with the merge process - subcode {n}**

**Explanation** An internal protection or command log processing error was detected with one of the following subcodes:

| | |
|---|---|
| 1 | An attempt was made to open a log multiple times. |
| 2 | The log I/O table is full. |
| 3 | An error occurred reading the PLOGR1 or CLOGR1 data set in the parallel participant table (PPT). |
| 4 | An error occurred reading the PLOGR2 or CLOGR2 data set in the parallel participant table (PPT). |
| 5 | Neither log was selected for the merge process. |
| 6 | An error occurred in the log buffering. |
| 7 | The log buffer flag is incorrect. |
| 8 | An internal error occurred while processing log records. An attempt was made to read past end-of-file. |
| 9 | An internal error occurred while attempting to update the log status at the end of the merge process. |

**Action** Contact your technical support representative.

**ERROR-161** **Invalid PPT detected**

**Explanation** An invalid parallel participant table (PPT) was detected in an Adabas cluster environment.

**Action** Contact your technical support representative.

**ERROR-162** **The PLOG merge process encountered an invalid protection record**

**Explanation** An error occurred while processing a protection record.

**Action** Save the ADARES output and contact your technical support representative.

**ERROR-163** **Error opening {PLOG / CLOG-DDname} from PPT.**
**File name = {<dataset name>}**
**{<reason>}**
**System error={nnnnnnnn}**

**Explanation** An error occurred while opening an input PLOG or CLOG dataset in the PPT.

**Action** Research the provided reason and system error code for any action that may be taken to correct this. Otherwise, contact your Software GmbH technical support representative.

**ERROR-164** **The intermediate data set did not contain as many records as expected**

**Explanation** The input contains *xxx* number of records but *yyy* number of records were expected.

**Action** Supply the correct intermediate data sets.

**ERROR-165** **The JCL supplied for the ADARES PLCOPY NOPPT produced an error**

**Explanation** ADARES detected that either no DD statements were provided or the DD statement was in error for the PLCOPY NOPPT function.

**Action** Correct the JCL and resubmit the job.

**ERROR-166** **Invalid input was supplied to the MERGE CLOG function**

**Explanation** One or more of the data sets supplied to the ADARES MERGE CLOG function was in error. The input is expected to be sequential data sets and CLOGLAYOUT=5 must have been used to create the original CLOG.

**Action** Correct the input and resubmit the MERGE CLOG job.

**ERROR-167** **The JCL supplied for the ADARES MERGE CLOG function produced an error**

**Explanation** ADARES detected that either no DD statements were provided or the DD statement was in error for the MERGE CLOG function.

**Action** Correct the JCL and resubmit the job.

**ERROR-168** **The NUMLOG parameter specified was {xx} but {yy} data sets were supplied**

**Explanation** The ADARES MERGE CLOG function parameter NUMLOG specified a different number of data sets (xx) from the number that were actually supplied as input to the function (yy).

**Action** Change the NUMLOG parameter specification or change the input data sets specified so that the two values (xx and yy) match. Then resubmit the job.

**ERROR-169** **An empty data set was supplied as input to the MERGE CLOG function**

**Explanation** ADARES detected an empty input data set.

**Action** Remove the data set and adjust the NUMLOG value; or supply a valid data set. Then resubmit the job.

**ERROR-170** **Parameter SBLKNUM is only allowed if NOPPT**

**Explanation** The SBLKNUM parameter is only allowed in conjunction with the NOPPT parameter.

**ERROR-171** **The PPT is required for a PLCOPY from a cluster database. This is not possible because the open of the ASSO failed. Please rerun PLCOPY with NOPPT specified and the PLOG DD-statements supplied in the JCL.**

**Explanation** Prior to ERROR-171, the following should be seen: "The Associator data set(s) could not be opened. *nn - return code explanation*." Processing continues.

The open of the ASSO failed. After checking the PLOGs, it was determined that the PLOG to be copied was from a cluster database. Either the ASSO must be restored or the PLCOPY NOPPT function must be executed copy off the PLOGs. All pertinent PLOG DD-statement from the cluster should be supplied as input to the NOPPT function.

**ERROR-172** **Incorrect PLOGs supplied**

**Explanation** This error occurs if you attempt to run a regenerate using PLOGs that are not at the Adabas 7.2 or 7.4 level (or later). ADARES cannot use PLOGs from a backlevel version.

**Action** If you need to run an ADARES job that spans Adabas versions, the ADACNV utility must be part of the recovery process. Here is an example of the recovery steps:

1. Run an ADASAV RESTORE job against the old version database.
2. Start the nucleus of the old version database.
3. Run an ADARES job using ADARES REGENERATE PLOGNUM=*old-plognr*, where *old-plognr* is the PLOG number for the old database.
4. Shut down the nucleus of the old version database.
5. Run an ADACNV CONVERT job on the old version database to produce a new version database.
6. Start the nucleus of the new version database.
7. Run an ADARES job using ADARES REGENERATE PLOGNUM=*new-plognr* , where *old-plognr* is the PLOG number for the new database.

**Warning - Input intermediate data set is invalid**

**Explanation** NOPPT was specified and an invalid intermediate data set was supplied. Some of the protection records may be missing from the merged output.

**System Action:** Since NOPPT was specified, processing continues and a condition code of 4 is returned.

**Warning - The PPT has been cleared**

**Explanation** The parallel participant table (PPT) has been cleared since the last merge. Protection log data may be lost.

**System Action:** Processing continues under the assumption that the database has been restored.

**Action** Ensure that clearing the PPT was intended.

**The PPT indicates that there are currently no PLOGS to be copied for this database**

**Explanation** There are no PLOGs to be copied.

**Action** Determine the cause of the error. If necessary, contact your technical support representative for assistance.

**Warning - CLOG is from a cluster database. A normal CLCOPY will run, since the PPT is not accessible. A subsequent CLOG MERGE must be run to merge the CLOG data sets.**

**Explanation** Prior to the warning, the following should be seen: "The Associator data set(s) could not be opened. *nn - return code explanation*." Processing continues.

The open of the ASSO failed. After checking the CLOGs, it was determined that the CLOG to be copied was from a cluster database. A normal CLCOPY (non-merge) will run. A subsequent CLOG should run to merge the CLOG data sets.

# 93 ADARPE Utility Messages

| | |
|---|---|
| **ERROR-121** | **EXTRACT={name}: Value must be set to YES or NO for parameter {parmname}** |
| **Explanation** | The setting of parameter *parmname* in extract *name* is not valid. Valid settings are YES or NO. |
| **Action** | Correct the parameter and try again. |

| | |
|---|---|
| **ERROR-122** | **EXTRACT={name}: Parameter IMAGE must be set to BI, AI or BOTH.** |
| **Explanation** | The value of the IMAGE parameter has been incorrectly specified in extract *name*. |
| **Action** | Correct the parameter and try again. |

| | |
|---|---|
| **ERROR-123** | **EXTRACT={name}: Parameter TRANSACTIONLEVEL must be set to NONE, RECORD, or TRANSACTION.** |
| **Explanation** | The value of the TRANSACTIONLEVEL parameter has been incorrectly specified in extract *name*. |
| **Action** | Correct the parameter and try again. |

| | |
|---|---|
| **ERROR-124** | **EXTRACT={name}: Parameter MODIFICATIONTYPE must be a selection of INSERT/UPDATE/DELETE/ISTATE/ALL.** |
| **Explanation** | The value of the MODIFICATIONTYPE parameter has been incorrectly specified in extract *name*. |
| **Action** | Correct the parameter and try again. |

**ERROR-125** **OUTPUTFILE={file} has been specified in EXTRACT={name1}, and EXTRACT={name2}.**

**Explanation** The OUTPUTFILE parameter for two different extracts refers to the same output file. They must be unique.

**Action** Correct the OUTPUTFILE parameter and try again.

**ERROR-126** **{type} failure on {{outputfile}|{outputexit}}={{filename}|{exitname}} for EXTRACT={name}, RC={rc}**

**Explanation** A close, open, write, delete, or load (*type*) failure occurred for the output or exit file listed in the message. The name of the extract and the return code from processing are also given in the message.

**Action** Correct the JCL or parameters and try again.

**ERROR-127** **{type} failure by User Exit={exitname} for EXTRACT={name}, RC={rc} User Exit error code={errorcode}**

**Explanation** An initialize, terminate, or processing (*type*) error occurred for the user exit named in the message. The name of the extract and the return and error codes from processing are also given in the message.

**Action** Correct the JCL or parameters and try again.

**ERROR-128** **When TRANSACTIONLEVEL=TRAN or RECORD is specified, both MERGIN1 and MERGIN2 must be present, and must be the same type of file with the same or a larger record size as the CLOG input file**

**Explanation** When TRANSACTIONLEVEL parameter is set to "TRAN" or "RECORD", the MERGIN1 and MERGIN2 data sets are required. They must be the same file type and their record sizes must be at least as large (or larger) as the CLOG input file.

**Action** Correct the JCL or parameters and try again.

**ERROR-129** **The combination of PAYLOADDATA=YES, PAYLOADPREFIX=NO, and RECORDPREFIX=YES is invalid.**

**Explanation** An invalid combination of parameters was specified.

**Action** Correct the parameters and try again.

**ERROR-130** **Failure on writing to PRINT file. Consult Software Support.**

**Explanation** A failure occurred writing to the PRINT file. Additional messages should be present.

**Action** Examine the additional messages and see if you can resolve the problem. If the problem persists, contact your technical support representative.

**ERROR-131** **Open failed for file DDCLOG with returned code of {rc}**

**Explanation** An attempt to open the DDCLOG file failed. The return code of the attempt is given in the message.

**Action** Correct the JCL or parameters and try again.

**ERROR-132** **Invalid parameters supplied**

**Explanation** The specified parameters are not valid.

**Action** Examine the additional message to fully identify the problem. Then correct the JCL or parameters and try again.

**ERROR-133** **A record that was not a V52 or V8 CLOG record was encountered**

**Explanation** The input file for the CLOG appears corrupted or incorrect.

**Action** Correct the JCL or parameters and try again. If the problem persists, contact your technical support representative.

**ERROR-134** **NAME parameter is required for EXTRACT**

**Explanation** No value was supplied for the `NAME` parameter (the extract name). A value for this parameter is required in an ADARPE run.

**Action** Supply a `NAME` parameter setting and try again.

**ERROR-135** **NAME={name} is not unique across EXTRACTs.**

**Explanation** The name specified for an extract is not unique; the same name was specified for different extracts. Extract names must be unique.

**Action** Specify a unique name for the extract and try again.

**ERROR-136** **Specified destinations are not unique.**

**Explanation** The same destination was specified more than once. Destinations listed in an individual `DESTINATIONS` parameter must be unique.

**Action** Correct the destination list and try again.

**ERROR-137** **Specified subscriptions are not unique.**

**Explanation** The same subscription was specified more than once. Subscriptions listed in an individual `SUBSCRIPTIONS` parameter must be unique.

**Action** Correct the subscription list and try again.

**ERROR-138** **OUTPUTFILE parameter is required for EXTRACT.**

**Explanation** No value was supplied for the OUTPUTFILE parameter. A value for this parameter is required in an ADARPE run.

**Action** Supply an OUTPUTFILE parameter setting and try again.

**ERROR-139** **At least one EXTRACT must be specified.**

**Explanation** No EXTRACT parameter was specified. At least one EXTRACT parameter is required in an ADARPE run.

**Action** Supply an EXTRACT parameter and try again.

**ERROR-140** **Parameters specified require parameter TRANSACTIONLEVEL=RECORD**

**Explanation** When the EXTRACT parameter is specified TRANSACTIONLEVEL=RECORD must also be specified.

**Action** Specify the TRANSACTIONLEVEL=RECORD parameter and try again.

**ERROR-141** **Parameters specified require parameter TRANSACTIONLEVEL=TRAN**

**Explanation** When the EXTRACT parameter is specified TRANSACTIONLEVEL=TRAN must also be specified.

**Action** Specify the TRANSACTIONLEVEL=TRAN parameter and try again.

# 94 ADARPL Utility Messages

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|---|---|
| **ERROR-121** | **Date and time must be reasonable. Time is invalid without a Date. Date must be entered in the form YYYYMMDD. Time must be entered in the form HHMMSSTH.** |
| **Explanation** | One or more of the specified date and time fields appear invalid. |
| **Action** | Correct the date and time entries and try again. |

| | |
|---|---|
| **ERROR-122** | **FROMDATE/FROMTIME not found.** |
| **Explanation** | Supplied Protection Log dataset does not contain information within time frame FROMDATE/FROMTIME - TODATE/TOTIME. |
| **Action** | Supply a correct Protection Log dataset and rerun the job. |

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|---|---|
| **ERROR-123** | **RPLDSBI must be a string of Y, N or Placeholders in single quotes.** |
| **Explanation** | The RPLDSBI parameter has been specified incorrectly. The RPLDSBI parameter must be specified in single quotes and one Y or N value must be specified for each file specified for the ADARPL run (for example `RPLDSBI='Y,N,N,Y,Y,N,Y'`. |
| **Action** | Correct the RPLDSBI parameter and try again. |

| | |
|---|---|
| **ERROR-124** | **TOTIME, FROMTIME and RESENDTIME require their respective DATE value.** |
| **Explanation** | A TOTIME, FROMTIME, or RESENDTIME parameter was specified without the corresponding *DATE parameter. |
| **Action** | Specify the corresponding TODATE, TOTIME, or RESENDDATE parameter with the appropriate *TIME parameter and try again. |

**ERROR-125** **Invalid RPLTARGETID or RPLTARGETS. The value supplied must be a positive integer less than or equal to 65535.**

**Explanation** An invalid value was specified for the RPLTARGETID or RPLTARGETS parameters. Valid values for these parameters range from "1" to "65535"; values higher than "65535" are invalid.

**Action** Correct the target IDs and try again.

**ERROR-126** **No. of RPLTARGETS, RPLKEY, and RPLDSBI must be equal to No. of FILES.**

**Explanation** An incorrect number of values was specified for the RPLTARGETS, RPLKEY, or RPLDSBI parameters. The number of values must match the number of files specified by the FILES parameter for the ADARPL run.

**Action** Correct the parameter values and try again.

**ERROR-127** **RPLTARGETID and RPLTARGETS parameters are mutually exclusive.**

**Explanation** An attempt was made to specify both the RPLTARGETID and RPLTARGETS parameters in the same ADARPL run. This is invalid.

**Action** Specify one or the other parameter and try again.

**ERROR-128** **Event Replicator Server {id}, no active subscription or destination for file {number}.**

**Explanation** No active destination or subscription could be found for the file listed in the message on the Event Replicator Server named in the message.

**Action** First verify and correct (as necessary) the file number or the Event Replicator Server target ID for the ADARPL run. If they are correct, modify the Replicator system file subscription and destination definitions. Then try the ADARPL run again.

**ERROR-129** **Database {dbid} not defined to Event Replicator Server {id}.**

**Explanation** The database with the database ID listed in the message is not defined to the Event Replicator Server listed in the message.

**Action** Verify and correct the JCL or input parameters for the ADARPL run. If they are correct, modify the Replicator system file definitions. Then try again.

**ERROR-130** **Event Replicator Server {id} replication pool overflow.**

**Explanation** The replication pool for the Event Replicator Server listed in the message has an overflow condition, which is a critical error.

**Action** Refer to the Event Replicator Server job's system log for error messages, which may provide possible actions to take.

**ERROR-131** **RPLKEY and RPLDSBI are only valid with RPLTARGETID or RPLTARGETS.**

**Explanation** An attempt to specify the RPLKEY or RPLDSBI parameters was made without also specifying either a RPLTARGETID or RPLTARGETS parameter. When specifying the RPLKEY and RPLDSBI parameters, a corresponding RPLTARGETID or RPLTARGETS parameter must be specified.

**Action** Correct the input parameters and try again.

**ERROR-132** **Dates and times must conform to the following general rule: FROMDATE/TIME <= RESENDDATE/TIME <= TODATE/TIME**

**Explanation** The date and time values specified for the ADARPL run violate one or more of the following rules:

- FROMDATE and FROMTIME parameter values must specify dates and times earlier than those specified for the RESENDDATE and RESENDTIME parameters
- RESENDDATE and RESENDTIME parameter values must specify dates and times earlier than those specified for the TODATE and TOTIME parameters.

**Action** Correct the date and time parameters and rerun the ADARPL job.

**ERROR-133** **The file number cannot exceed 65535.**

**Explanation** The file number specified on the FILES parameter was greater than "65535", which is invalid. Valid values for the FILES parameter range from "1" through "65535".

**Action** Correct the file number and rerun the job.

**ERROR-134** **REPLAY is a required input parameter.**

**Explanation** An attempt to run the ADARPL utility without specifying the REPLAY parameter. You cannot run the ADARPL utility without specifying the REPLAY parameter.

**Action** Add the REPLAY parameter and rerun the ADARPL job.

**ERROR-135** **The Adabas nucleus is currently NOT active.**

**Explanation** An attempt was made to run the ADARPL utility was made when the Adabas nucleus was not active. The Adabas nucleus must be active to run ADARPL.

**Action** Activate the Adabas nucleus and try again.

| | |
|---|---|
| **ERROR-136** | **A resp 50 has been received during the Adabas open, probable invalid file number specified.** |
| **Explanation** | An error occurred trying to open one of the file numbers specified for the ADARPL run. |
| **Action** | Verify and correct the file numbers specified for the ADARPL run and then rerun the job. |

| | |
|---|---|
| **ERROR-137** | **Invalid block number found.**<br>**The blocks of the current PLOG are not supplied in the correct order. The block counts must be ascending by 1.**<br>**Current block count = {count}**<br>**Protection Log Number = {number}**<br>**Supply the correct sequence of protection logs and rerun the job.** |
| **Explanation** | ADARPL has detected an incorrect protection log. The current block count is shown, as well as the protection log number to assist diagnosis. |
| **Action** | Verify and check the PLOG data sets specified in the ADARPL job. |

| | |
|---|---|
| **ERROR-138** | **DBID mismatch.**<br>**DBID on PLOG does not match DBID-parameter**<br>**Supply the correct PLOG input and rerun the job.** |
| **Explanation** | ADARPL has detected a DBID mismatch. |
| **Action** | Verify and check the PLOG data sets and the DBID parameter specified in the ADARPL job. |

| | |
|---|---|
| **ERROR-139** | **ADARPL replication pool overflow.**<br>**Increase LRPL parameter and rerun the job.** |
| **Explanation** | ADARPL has exceeded the replication pool size allocated via the LRPL parameter. |
| **Action** | Verify and check the input parameter LRPL specified in the ADARPL job, and increase it, as necessary, for successful job execution. |

| | |
|---|---|
| **ERROR-140** | **Unexpected Event Replicator Server response {rsp}.** |
| **Explanation** | ADARPL has received a non-zero response code from the Event Replicator Server. |
| **Action** | Use the response code in the error message to analyze and correct the problem. |

**ERROR-141** **RPLCLEANUP was issued for this ADARPL token**

**Explanation** An operator command of RPLCLEANUP was issued and the ADARPL token was removed. Further execution is not possible.

**Action** Verify and determine why the RPLCLEANUP operator command was issued.

**ERROR-142** **Duplicate ADARPL jobs for the same FNR are not allowed**

**Explanation** ADARPL has detected a concurrent execution of another ADARPL against the same file number on this DBID.

**Action** Verify the execution of ADARPL jobs or check that the input parameters to ADARPL are correct.

**ERROR-143** **Parameter RPLSORT must be set to YES or NO**

**Explanation** ADARPL has detected that the setting for the RPLSORT parameter is incorrect.

**Action** Verify that the input parameter RPLSORT is set to "YES" or "NO".

**ERROR-144** **RPLTARGETID or RPLTARGETS must be specified if FILES are not specified**

**Explanation** ADARPL has detected that the parameters RPLTARGETID or RPLTARGETS is required because the FILES parameter is not specified.

**Action** Verify and check the input parameters to the ADARPL job for correct information, specifying RPLTARGETID or RPLTARGETS if required.

**ERROR-145** **Invalid TOKEN or PLOGDBID or ORIGINDBID**
**The value supplied must be a positive integer less than or equal to 65535.**

**Explanation** ADARPL had detected a TOKEN, PLOGDBID, or ORIGINDBID value which is not a valid number.

**Action** Review and change, if necessary, the number listed in the ADARPL parameters. Then run the ADARPL job again.

**ERROR-146** **RPLTARGETID must be specified if TOKEN is specified**

**Explanation** ADARPL has detected a TOKEN parameter in the same run in which an RPLTARGETID parameter was not specified. When you specify the TOKEN parameter, you must also specify the RPLTARGETID parameter.

**Action** Review and change the ADARPL parameters, as necessary. Then run the ADARPL job again.

**ERROR-147** **When parameter TOKEN is specified, only the following additional parameters are valid: LRPL, NU, and RPLTARGETID**

**Explanation** ADARPL has detected a TOKEN parameter in the same run as another ADARPL parameter that is not allowed when the TOKEN parameter is specified. Only the LRPL, NU, and RPLTARGETID parameters can be specified in an ADARPL run using TOKEN.

**Action** Review and change the ADARPL parameters, as necessary. Then run the ADARPL job again.

**ERROR-148** **TOKEN {token} not found in Event Replicator Server**

**Explanation** There are no replay processes active with the token number listed in the message.

**Action** Review and change the ADARPL RPLTARGETID and TOKEN parameters, as necessary. Then run the ADARPL job again.

**ERROR-149** **TOKEN {token} was not an ADARPL token.**

**Explanation** The token listed in the message is a valid token number, but is not for a replay process.

**Action** Review and change the ADARPL TOKEN parameter, as necessary. Then run the ADARPL job again.

**ERROR-150** **RPLSORT missing, possibly the Adabas is not connected to the Event Replicator Server**

**Explanation** ADARPL has detected that the Event Replicator Server does not have information about RPLSORT, which is provided during an initialization handshake between an Adabas database and an Event Replicator Server.

**Action** Verify that the Adabas database and the Event Replicator Server have established communication.

**ERROR-151** **File {number} is not the anchor file in the expanded file chain**

**Explanation** The file listed in the message is not the anchor file in the Adabas expanded file chain. Only the anchor file can be specified in the FILES parameter.

**Action** Specify the file number of the anchor file in the expanded file chain and try again.

**ERROR-152** **Incomplete transaction found on PLOG**

**Explanation** A transaction started before the input PLOG data set specified for replay processing and ended after the FROMDATE and FROMTIME replay specifications.

**Action** Add the preceding PLOG data set in sequence to the input PLOG data sets for replay processing and try again.

**ERROR-153** **Incomplete transaction found on PLOG**

**Explanation** The ET record was not found for a transaction that was to be included in replay processing.

**Action** Add the next PLOG data set in sequence to the input PLOG data sets for replay processing and try again.

**ERROR-154** **File {num} not loaded in database {dbid}**

**Explanation** An attempt to run the ADARPL utility failed because the file specified for the run does not exist in the specified database. The file number and database ID are given in the message.

**Action** Verify that the correct file number is specified and that the file does exist in the database. Then try again.

**ERROR-155** **Version of ADABAS is not compatible with version of PLOG.**

**Explanation** The version of PLOG is higher than the version of Adabas used to create the PLOG.

**Action** Resolve the discrepancy in Adabas or PLOG versions before you try again.

**ERROR-156** **The source database Adabas version is not compatible with the Reptor Adabas version**

**Explanation** The version of Adabas or the Event Replicator used by the Adabas database is not the same as the version of Adabas or Event Replicator used by the Event Replicator Server.

**Action** Resolve the discrepancy in Adabas or Event Replicator versions before you try again.

**ERROR-157** **Either PLOGFILES specified for the master file only, or not all files of expanded file chain specified**

**Explanation** A file number specified in PLOGFILES parameter is a component of an expanded file chain. At this time, the PLOGFILES parameter cannot specify files in an expanded chain and cannot be specified if any of the files listed in the FILES parameter is for a file in an expanded chain.

**Action** Correct the ADARPL parameters and try again.

**ERROR-158** **The value for STATINTERVAL parameter must be between 60 and 2,147,483,647 sec. or 0.**

**Explanation** Invalid value specified for STATINTERVAL. Valid values are 0 or an integer in the range from 60 to 2,147,483,647.

**Action** Correct the parameter value and try again.

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|---|---|
| **ERROR-159** | **Replay of spanned DS records is not supported.** |
| **Explanation** | The ADARPL utility may not be used with a file with spanned DS record support turned on. |
| **Action** | Adjust the ADARPL job so that files with spanned Data Storage records are not included in the run. |

| | |
|---|---|
| **ERROR-160** | **ADARPL No more UQE's available. Increase NU parameter and rerun the job.** |
| **Explanation** | There are no User Queue Elements available. Specify a NU value that is greater than or equal to the maximum number of users that have open transactions simultaneously. |
| **Action** | Correct the parameter value and try again. |

| | |
|---|---|
| **ERROR-161** | **Inconsistent transaction found on PLOG** |
| **Explanation** | The sequence of before and after images is incomplete. |
| **Action** | Add the missing PLOGs in correct sequence to the input PLOGs and re-run the job. |

# 95 ADARPP Utility Messages

| | |
|---|---|
| **ERROR-121** | **Parameter PRINT must be set to DUMP, FORMAT or BOTH** |
| **Explanation** | An invalid value was specified for the ADARPP PRINT parameter. Valid values are listed in the message. |
| **Action** | Correct the value and try again. |

| | |
|---|---|
| **ERROR-122** | **Date and time must be reasonable. Date must be entered in the form YYYYMMDD. Time must be entered in the form HHMMSSTH.** |
| **Explanation** | An invalid value was specified for a date or time parameter in an ADARPP run. The date must be later that 1982 and the time value must be less than 24 hours. |
| **Action** | Correct the relevant date or time parameter and try again. |

| | |
|---|---|
| **ERROR-123** | **Parameter STATE must be set to YES, or NO.** |
| **Explanation** | An invalid value was specified for the ADARPP STATE parameter. Valid values are listed in the message. |
| **Action** | Correct the value and try again. |

| | |
|---|---|
| **ERROR-124** | **Print level must be in the range 0 to n inclusive for {parameter}** |
| **Explanation** | The print level specified for the ADARPP parameter identified in the message is invalid. |
| **Action** | Review the valid settings for the named print parameter, correct the value, and try again. |

| | |
|---|---|
| **ERROR-125** | **Record number {nnn}: URBLTYPE: {aa} is not supported. Consult Software Support.** |
| **Explanation** | The record contains an unknown record type value. |
| **Action** | Contact your technical support representative. |

| | |
|---|---|
| **ERROR-126** | **FROMDATE and FROMTIME must be <= to TODATE and TOTIME** |
| **Explanation** | The date and time specified by the ADARPP FROMDATE or FROMTIME parameters is later than the date and time specified by the TODATE and TOTIME parameters. This is invalid. |
| **Action** | Correct the appropriate date or time value and try again. |

| | |
|---|---|
| **ERROR-127** | **Parameter TIMEZONE must be set to MACHINE, LOCAL, or an integer value in the range -23 to +23. When entering + or -, enclose the number in single quotes.** |
| **Explanation** | An invalid value was specified for the ADARPP TIMEZONE parameter. Valid values are listed in the message. |
| **Action** | Correct the value and try again. |

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|---|---|
| **ERROR-128** | **Record number {nnn}: URBLPTYP {nn} is inconsistent with eye-catcher {aaaa}, Consult Software Support.** |
| **Explanation** | The record contains a data type that is not consistent with the actual data. |
| **Action** | Contact your technical support representative. |

| | |
|---|---|
| **ERROR-129** | **Record number {nnn}: URBLPTYP {nn} is not supported. Consult Software Support.** |
| **Explanation** | The record contains an unknown data type value. |
| **Action** | Contact your technical support representative. |

| | |
|---|---|
| **ERROR-130** | **Failure on writing to print file. Consult Software Support.** |
| **Explanation** | An error occurred when a record was being written to the report file. |
| **Action** | Contact your technical support representative. |

| | |
|---|---|
| **ERROR-131** | **Open failed for file DDCLOG with returned code of {nn}.** |
| **Explanation** | No DDCLOG file was specified in the ADARPP JCL. |
| **Action** | Correct the JCL and rerun the job. |

| | |
|---|---|
| **ERROR-132** | **Invalid parameters supplied.** |
| **Explanation** | At least one parameter value was invalid. |
| **Action** | Check all error messages to identify the invalid parameter values, make corrections to the values, and try again. |

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| **ERROR-133** | **{nnnn} CLOG records were read, and {nnnn} records were selected for printing.** |
| **Explanation** | A summary of the CLOG records read and selected for printing is listed in the message. This is part of the summary report at the end of the print file. |
| **Action** | No action is necessary for this informational message. |

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| **ERROR-134** | **PAGESIZE must be 20 or greater** |
| **Explanation** | An invalid value was specified for the ADARPP PAGESIZE parameter. Valid values must range from 20 or greater. |
| **Action** | Correct the value and try again. |

# 96 ADASAV Utility Messages

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| **ERROR-95** | **DIB disappeared** |
| **Explanation** | The DIB entry in the Utility Communications Block (UCB) that the utility created at the begin of its processing is no longer present at its end. Another utility may have modified files that were supposed to be locked. The result of this utility execution may be inconsistent. |
| **Action** | Determine what happened to the DIB entry. Then rerun the utility to ensure utility execution is consistent for all files. If the problem persists, contact your technical support representative. |

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| **ERROR-121** | **Wrong protection log tape**<br>**The wrong Protection Log tape has been mounted.**<br>**The requested Protection Log has**<br>**DBID {dbid-a}, Session Number {sess-a}, NUCID {nucid-a}.**<br>**The supplied Protection Log is from**<br>**DBID {dbid-ba}, Session Number {sess-b}, NUCID {nucid-b}.** |
| **Explanation** | The wrong protection log tape has been mounted. The requested protection log has DBID (*dbid-a*), session number (*sess-a*).<br><br>The supplied protection log is from DBID (*dbid-b*), session number (*sess-b*). Either there is a mismatch in the information provided or the checkpoint needed was not found on the PLOG provided. |
| **Action** | Supply the correct tape and start an ADASAV job using the RESTPLOG function. |

**ERROR-122** **{chkpt}-checkpoint not found**

**Explanation** One of the following has occurred:

1. The SYN1/SYN4 checkpoint is not contained in the protection log block (block-number); or
2. The SYN2/SYN5 checkpoint is not contained anywhere on the protection log; or
3. Another SYN1/SYN4 checkpoint was encountered before the expected SYN2-SYN5 checkpoint.

The wrong protection log has been mounted, or the wrong SYN1-SYN4 checkpoint has been specified.

**Action** Supply the correct protection log and parameters. For case 1 or 2, continue with the RESTPLOG function. For case 3, repeat the RESTONL function.

**ERROR-123** **The input tapes of a multivolume save set are mounted in the wrong order. ADASAV is not able to continue**

**Explanation** The RESTORE function expects the REST*n*/DDREST*n* data sets to be presented in the order in which they were created.

**Action** Ensure that the input tapes are mounted in the correct order; then rerun the job.

**ERROR-124** **Invalid file list parameter**

**Explanation** One of the following occurred:

- No file numbers, invalid file numbers, or duplicate file numbers were specified in the FILES, FMOVE, NEWFILES, or EXCLUDE parameter.
- More file numbers were specified in the NEWFILES parameter than in the FILES or FMOVE parameter.
- A file specified in the EXCLUDE parameter was not specified in the FILES, FMOVE, or NEWFILES parameter.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-125** **Missing function code**

**Explanation** Either SAVE or RESTORE is required.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-126** **Only one function at a time allowed**

**Explanation** Either SAVE or RESTORE is required: not both.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-127** **Invalid value for the parameter DRIVES**

**Explanation** The value for this parameter must be greater than or equal to 1 and less than or equal to 8. The default value is 1.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-128** **All parts of an expanded file must be restored together. At least the parameter FILE={file-number} is missing**

**Action** Include all files of this expanded file in the file list, then rerun the ADASAV job.

**ERROR-129** **Invalid value for the parameter NEWDBID**

**Explanation** A correct value is in the range 1 to 65,535.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-130** **Invalid value for the parameter PERDRIVE**

**Explanation** The number of values in the parameter list for PERDRIVE must be equal to the value of the DRIVES parameter.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-131** **Input save tape created {ONLINE | OFFLINE}**

**Explanation** The incorrect type of ADASAV restore function was used for the type of output save tape from the previous ADASAV SAVE operation.

**Action** Use the RESTONL function for restoring a tape saved with the nucleus online, and also provide the associated protection log. Use the RESTORE function for restoring a tape saved with the nucleus offline.

**ERROR-132** **First block on restore tape is not a GCB**

**Explanation** An invalid input for RESTORE is supplied.

The RESTORE input must have been produced by a previous ADASAV SAVE execution.

**Action** Supply a correct input and rerun the job.

**ERROR-133** **Restore tape does not have the correct version**

**Explanation** For the RESTORE FILES function, the restore tape must have been produced by a version 5.1 or above ADASAV SAVE execution.

For the RESTORE (database) or RESTORE GCB function, the restore tape must have been produced by an ADASAV SAVE execution with the same version as is used for the restore.

**Action** Supply a correct input and rerun the job.

**ERROR-134** **Different types for restore**

**Explanation** The ADASAV restore source and destination device types are different. ADASAV restore functions cannot accept different source and output device types or extents.

**Action** Respecify the output to the same device type or extent as the restore function source, and resubmit the job. For more information, see the Adabas Utilities documentation.

**ERROR-135** **Save tape does not contain a whole database**

**Explanation** The save data set cannot be restored because:

- The save data set is a file save data set that can be restored only with RESTORE/RESTONL FILE/FMOVE;
- The save data set is a delta save data set that can be restored only in combination with a full database save data set (using RESTORE DELTA).

**System Action:** The RESTORE database or RESTORE GCB function is abnormally terminated.

**Action** Provide the right save data set or specify the correct restore function.

**ERROR-136** **Restore database online not permitted**

**Explanation** The ADASAV RESTORE Open command received a nucleus response code of (resp-code - explanation). The nucleus is active, which is not allowed during a RESTORE database operation.

**Action** Ensure that the correct nucleus has been accessed; if so, shut down the nucleus and then rerun the ADASAV RESTORE job.

**ERROR-137** **An attempt was made to restore file no. {file-number} into a database with a MAXFILE-value of {count}**

**Action** Correct either the file number or change the MAXFILE value in the database.

**ERROR-138** **File {file-number} not found on save tape**

**Action** Supply a correct input data set containing the specified file, or remove the file number from the parameter list.

**ERROR-139** **Coupled files must all be restored together. File {file-number-a} is coupled to file {file-number-b}**

**Action** Include all files coupled together in the file list and rerun the job.

**ERROR-140** **No files selected for SAVE/RESTORE**

**Action** Supply a correct file list using the FILE or FMOVE parameter and rerun the job.

**ERROR-141** **Supplied {value} is smaller than currently used**

**Action** Supply a larger value for the parameter specified in place of "value" in the message, and rerun the job. Refer to the Adabas Utilities documentation for more information.

**ERROR-142** **Invalid value for parameter {parameter}**

**Explanation** One of the followed is the case:

- An attempt was made to increase MAXISN but the file was defined with NOACEXTENSION; or
- The specified size (in cylinders) is too large.

**ERROR-143** **Restore database not permitted. Another utility has exclusive control of the database**

**Explanation** ADASAV RESTORE expects to get a Response Code returned that indicates that the database is down. However, ADASAV RESTORE was returned a sub code indicating that another utility currently has exclusive control of the database.

**Action** Ensure the correct nucleus has been accessed; if so, wait for the other utility to run before running the ADASAV RESTORE.

**ERROR-144** **File number {file-number} is already present and cannot be overwritten**

**System Action:** This file is removed from the file list. ADASAV will continue.

**ERROR-145** **An existing database cannot be overwritten**

**Explanation** The Associator used for output already contains a database.

**Action** The OVERWRITE parameter may be used to overwrite an existing database.

**ERROR-146** **ADASAV not permitted to run**

**Explanation** One of the following is the case:

- The Adabas nucleus is active but running without a protection log; or
- A save operation is already active.

**Action** Correct the cause of the problem and rerun the job.

**ERROR-148** **Invalid value for the 'PERDRIVE' parameter**

**Explanation** The total of all values supplied for this parameter must equal the number of entries in the VOLSER table displayed with this message.

**Action** Respecify the PERDRIVE parameter, and rerun the job.

**ERROR-150** **Nucleus response {resp-code} at the end of the online save operation**

**Explanation** See *Adabas Response Codes* for the explanation of nucleus response codes.

The proper synchronization of the nucleus protection log (PLOG) and the output of the SAVE run is not possible.

**Action** Rerun the ADASAV SAVE job. If the error occurs again, consult your technical support representative.

**ERROR-151** **Invalid value for the 'BUFNO' parameter**

**Explanation** The highest value permitted for BUFNO is 255.

**Action** Respecify the BUFNO value, then rerun the ADASAV job.

**ERROR-152** **Partial overwrite of coupled files**

**Explanation** The file " file-number-a" is coupled to file "file-number-b", which is not selected for the RESTORE operation (actual file values are displayed in the message text). This RESTORE cannot be serviced because it would result in a logical data inconsistency.

**Action** Check the RESTORE function parameter input; correct the error and then rerun the RESTORE job.

**ERROR-153** **Partial overwrite of expanded file**

**Explanation** The file "file-number-a" is part of an expanded file. It is linked to the file "file-number-b", which is not selected for the RESTORE operation (actual file values are displayed in the message text). This RESTORE cannot be serviced because it would result in a logical data inconsistency.

**Action** Check the RESTORE function parameter input; correct the error and then rerun the RESTORE job.

**ERROR-154** **The parameter {parm} is not allowed with range of files**

**Explanation** The parameter named in the message (*parm*) cannot be specified in the same ADASAV run that specifies a range of files in the FILES or FMOVE parameter.

**Action** Remove the parameter and rerun the job.

**ERROR-155** **Invalid restore operation**

**Explanation** An attempt was made to:

- overwrite an Adabas system file with a disparate system file or a non-system file;
- introduce a second system file into a database where the corresponding system file already exists;
- restore a user-defined system file into a database where the GCBs' system file list is full; or
- restore a checkpoint or security file from Adabas version 5.

**Action** Correct the file specification and, if appropriate, rerun the ADASAV job.

**ERROR-156** **Active nucleus required**

**Explanation** The Adabas nucleus must be active to

- check the replication log information for the files being saved; or
- clear the replication log for files being restored.

**Action** Start the Adabas nucleus, then rerun the ADASAV job.

**ERROR-157** **Part of the database not physically allocated**

**Explanation** Some of the blocks to be saved/restored lie within physically unallocated database storage. Probably an ADADBS or Adabas Online System "increase" was run without first providing the associated physical storage.

**Action** Allocate the physical storage, then rerun the ADASAV job.

**ERROR-158** **Incomplete restore tape**

**Explanation** The "associator | data" RABN "rabn-number" was not found on the restore tape. Either end-of-file (EOF) occurred, or ADASAV found "count" RABN "rabn-number" instead. Either a required tape volume is missing, or the tapes are mounted in the wrong order.

**Action** Supply a correct restore tape, then rerun the ADASAV job.

**ERROR-159** **Inconsistent restore tape**

**Explanation** The restore tape does not contain the expected data. All records on the tape must contain references to DBID *dbid*, session number *session-id*, and time stamp *ttt*. A record was found that incorrectly referred to DBID *dbid-x*, session number *session-id-x*, and time stamp *ttt*.

**Action** Correct the cause of the incorrect reference, then rerun the ADASAV job.

**ERROR-160** **Inconsistent protection log**

**Explanation** The Adabas protection log does not contain the expected data. The last record that was read should have contained DBID *dbid*, serial number *number*, and time stamp >= *ttt*. However, it contained instead DBID *dbid-x*, serial number *number-x*, and time stamp *ttt-x* or the protection record lengths are inconsistent.

**Action** Check protection record in dump provided and correct the cause of the incorrect reference, then rerun the ADASAV job.

**ERROR-161** **Error during DSF processing**

**Explanation** This generic error message is issued after a Delta Save error message. An error occurred while the Delta Save Facility was processing the requested function. The internal response code by Delta Save is shown.

**System Action:** The function is abnormally terminated.

**Action** For more information, see the Delta Save error message preceding this message.

**ERROR-162** **Parameter/function {function} not allowed without DSF**

**Explanation** The designated parameter or function is only available when the Delta Save Facility is installed.

**System Action:** ADASAV terminates abnormally.

**Action** If Delta Save is installed, specify ADARUN parameter DSF=YES and rerun the job.

**ERROR-163** **DSF logging area is installed**

**Explanation** The database has a Delta Save logging (DLOG) area installed, but ADASAV was not started with the Delta Save Facility.

**System Action:** ADASAV terminates abnormally.

**Action** Specify ADARUN parameter DSF=YES and rerun the job.

**ERROR-164** **DRIVES > 1 not allowed for delta merge**

**Explanation** There is no full save input to the MERGE function, so the output save data set will be a delta save or an unloaded DSIM data set. The DRIVES parameter is allowed only when a full save data set is merged.

**System Action:** The merge function terminates abnormally.

**Action** Remove the DRIVES parameter and rerun the job.

**ERROR-165** **Incomplete input for merging ASSO/DATA RABN {num} was not found on the input tapes; end-of-file occurred instead**

**Explanation** The save data set input for the merge function is incomplete. End-of-file was encountered when Associator or Data Storage RABN "num" was expected. Possibly a required tape volume is missing or input tape volumes have been concatenated so that an end-of-file mark was encountered before the last tape.

**System Action:** The merge function terminates abnormally.

**Action** Supply complete input data sets and rerun the job.

**ERROR-165** **Incomplete input for merging ASSO/DATA RABN {num1} was not found on the input tapes; ADASAV found ASSO/DATA RABN {num2} instead.**

**Explanation** The save data set input for the merge function is incomplete. Associator or Data Storage RABN "num2" was found when RABN "num1" was expected. Possibly a required tape volume is missing or input tapes are mounted in the wrong order.

**System Action:** The merge function terminates abnormally.

**Action** Supply complete input data sets and rerun the job.

**ERROR-166** **Conflicting parameters for restore delta**

**Explanation** The combination of parameters and input save data sets is invalid:

- DRIVES>1 is not allowed for RESTORE GCB, RESTORE FILE, or RESTORE FMOVE with DELTA;
- Concatenation of delta save input data sets is not allowed for RESTORE GCB, RESTORE FILE, or RESTORE FMOVE with DELTA.

**System Action:** The RESTORE DELTA function terminates abnormally.

**Action** Correct the arrangement of input save data sets and rerun the job.

**ERROR-167** **Restore delta without full save not possible**

**Explanation** The full save tape was omitted the restore operation but the current status of the database does not allow this. One of the following was detected:

- The function is not RESTORE database.
- The Associator failed to open. The full save data set probably had not been successfully restored in a previous run. An ADAIOR error text is given.
- No Delta Save logging (DLOG) area is installed in the database.
- Delta Save logging is not enabled; that makes this operation invalid.
- The database has been modified since the last restore operation: the Adabas nucleus has been active, the DLOG area is not empty.
- The database has been modified since the last restore operation: a utility has changed the file indicated in the message.
- The database has been modified since the last restore operation: the DLOG header block was altered.
- A file excluded from the previous restore must now also be excluded but has not been.
- A file specified as excluded was not excluded from the previous restore.

**System Action:** The delta restore function terminates abnormally.

**Action** Provide the full save data set for the delta restore operation and rerun the job.

**ERROR-168** **GCB extents changed between delta saves**

**Explanation** The database layout was changed by an ADADBS ADD, INCREASE, or DECREASE function (or by the equivalent Adabas Online System function). Later on, a delta save data set was produced that is now input to the restore function. ADASAV is not able to handle the changed GCBs in the second phase of the delta restore process.

**System Action:** The changed GCBs are written to the database. Then the delta restore function terminates abnormally.

**Action** There are two possible ways to correct this problem:

- Merge all input save data sets and restore the resulting merged full save data set; or
- Rerun the delta restore function without the full save data set, starting with the first delta save data set not yet restored; doing this causes ADASAV to bypass the earlier, old image of the GCBs.

**ERROR-169** **Incompatible RABN sizes**

**Explanation** An attempt was made to restore one or more files from a database with "x"-byte RABNs into a database with "y"-byte RABNs.

**System Action:** The requested function cannot be performed.

**ERROR-170** **Maximum record length too big for this database**

**Explanation** The maximum compressed record length defined for file "file-number" is too big to be compatible with the Work block size.

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| Maximum record length | = length |
| Work block size required | block-size |
| Work block size present | = block-size |

The file can be restored only into a database with a larger Work block size.

**Action** Use the ADADEF NEWWORK function to define a new Work data set with a larger block size so that you can restore the file.

**ERROR-171** **Conflicting address converter device types for file {file-number}**

**Explanation** The secondary address converter extent allocated by the nucleus during an online save could not be restored to the current address converter due to conflicting device types.

**Action** Remove the MAXISN parameter for this file and rerun the RESTONL FMOVE function.

**ERROR-172** **NEWFILES parameter not allowed for file {file-number}**

**Explanation** The NEWFILES parameter must not be specified for expanded files or physically coupled files.

**Action** Remove the corresponding file number assignment from the NEWFILES list and rerun ADASAV.

**ERROR-173** **Incomplete file list for online save files**

**Explanation** For an online SAVE FILE operation or a SAVE FILE with UTYPE=EXU, all component files of an expanded file chain and all files that are coupled must be specified explicitly in the FILES parameter (see the ADAU15 message(s) above this error message).

**Action** Correct the FILES parameter and rerun the job.

**ERROR-174** **File not eligible for RESTPLOG function file {file-number} is not in restore status**

**Explanation** The specified file was not being restored in a RESTONL operation that was interrupted and thus may not be selected for the RESTPLOG function.

**Action** Correct the RESTPLOG parameter input and rerun the job.

**ERROR-175** **Invalid value for parameter 'ALLOCATION'**

**Explanation** Valid values are ALLOCATION=FORCE | NOFORCE.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-179** **ADASAV DIB entry lost**

**Explanation** The DIB entry that ADASAV wrote at the beginning of the SAVE operation was no longer present at the end. It may have been removed by a nucleus that was incorrectly started with parameter IGNDIB=YES. A parallel nucleus or utility may have updated the database while ADASAV was running. The save data set may be inconsistent.

**Action** Investigate the cause of the error. Correct it and rerun the job. Do not use the save data set.

**ERROR-180** **A Reptor database may only contain the files CHECKPOINT, SECURITY, REPLICATOR, and SLOG**

**Explanation** A database defined as an Event Replicator Server (created with REPTOR=YES) must not contain user files or system files not related to replication.

**Action** Do not attempt to restore files other than CHECKPOINT, SECURITY, REPLICATOR, or SLOG on Event Replicator Servers. Correct the parameters and rerun the job.

**ERROR-181** **The database is active but the utility communications block (DIB) is missing the nucleus entry**

**Explanation** The ADASAV utility determined the nucleus was active without a DIB entry.

**Action** Check the job to ensure the correct ASSO, DATA, and WORK data sets are specified for the given DBID.

**ERROR-182** **RPLTARGETID/DSBI/KEY/ACTIVE/RPLDATA only allowed when matching file provided**

**Explanation** One or more of the parameters listed in the message were specified in the ADASAV run without a corresponding FILES or FMOVE parameter.

**Action** Supply the correct parameter and rerun the job.

**ERROR-184** **RPLDSBI {value} for file {fnr} must be YES, NO, or empty**

**Explanation** The value of the RPLDSBI parameter (*value*) for the file listed in the message (*fnr*) is incorrect. It must be YES, NO, or empty.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-185** **{parameter-name}={parameter-value} for file {fnr} must be empty when RPLTARGETID is OFF or 0**

**Explanation** The values of parameters RPLACTIVE, RPLDATA, RPLDSBI, or RPLKEY must not be specified because the file is not replicated (RPLTARGETID is OFF or 0). The specified parameter (*parameter-name*), its value (*parameter-value*), and the file number (*fnr*) of the ADASAV run are given in the message.

**ERROR-186** **RPLKEY {parameter-value} for file {fnr} must be a 2 character descriptor name, or OFF, or empty**

**Explanation** The value of the RPLKEY parameter (*parameter-value*) for the file (*fnr*) is invalid. It must be either a two-character field name, OFF, or empty.

**Action** Correct the parameter value and rerun the job.

**ERROR-188** **RPLACTIVE {parameter-value} for file {fnr} must be YES, NO, or empty**

**Explanation** The value of the RPLACTIVE parameter (*parameter-value*) for the file (*fnr*) is invalid. It must be either YES, NO, or empty.

**Action** Correct the parameter value and rerun the job.

**ERROR-189** **RPLDATA {parameter-value} for file {fnr} must be YES, NO, CREATE, or empty**

**Explanation** The value of the RPLDATA parameter (*parameter-value*) for the file (*fnr*) is invalid. It must be either YES, NO, CREATE, or empty.

**Action** Correct the parameter value and rerun the job.

**ERROR-190** **{parameter-name} not allowed when REPLICATION=NO in the target database for the restore**

**Explanation** Parameters RPLACTIVE, RPLDATA, RPLDSBI, and RPLKEY are not allowed if the target database for the restore is not replicated.

**Action** Correct the parameter values and rerun the job.

**ERROR-191** **RPLTARGETID/DSBI/KEY/ACTIVE/RPLDATA only allowed for RESTORE/RESTONL FILES/FMOVE**

**Explanation** Parameters RPLTARGETID, RPLACTIVE, RPLDATA, RPLDSBI and RPLKEY are not allowed for ADASAV functions other than RESTORE/RESTONL FILES, FMOVE, and GCB (with the FILES parameter).

**Action** Correct the parameter values and rerun the job.

**ERROR-192** **ERROR LOADING MODULE ADARPV: {reason}**

**Explanation** ADASAV was unable to load modules ADARPV for the reason listed in the message. ADASAV calls ADARPV when the RPLLOAD parameter is set to YES or FILE.

**Action** Investigate the cause of the error, correct it, and rerun the job.

**ERROR-901** **Unexpected Event Replicator Server response {rc}, subcode {sc}, location {loc}**

**Explanation** An ADASAV communication to the Event Replicator Server has failed with the response (*rc*) and subcodes (*sc*) listed in the message. The location (*loc*) is also listed in the message.

**Action** Verify and correct (if necessary) the ADASAV parameters and JCL. Refer to the **response code** descriptions for information about the response code and subcode. If necessary, contact your our support representative for assistance.

**ERROR-902** **Duplicate Replication jobs for the same file are not allowed**

**Explanation** Multiple replication jobs cannot run concurrently for the same file.

**Action** Verify and correct (if necessary) the replication job parameters to ensure the correct information is provided for replication. If problems persist, contact your our support representative for assistance.

**ERROR-903** **RPLCLEANUP was issued for this ADASAV token**

**Explanation** An RPLCLEANUP was issued for the Event Replicator Server. This removed the ADASAV token and communication to the Event Replicator Server is no longer possible for this job.

**Action** Determine why the operator RPLCLEANUP command was issued. Prepare for file recovery as necessary before rerunning ADASAV.

**ERROR-904** **Event Replicator Server {id} replication pool overflow**

**Explanation** The replication pool for the Event Replicator Server listed in the message (*id*) has an overflow condition, which is a critical error.

**Action** Refer to the Event Replicator Server job's system log for error messages which may provide possible actions to take to resolve this problem.

**ERROR-905** **Database {dbid} not defined to Event Replicator Server {id}**

**Explanation** The Adabas database with the database ID (*dbid*) listed in the message is not defined to the Event Replicator Server (*id*) listed in the message.

**Action** Verify and correct the JCL or input parameters for the ADASAV run. If they are correct, modify the Replicator system file definitions. Then try the ADASAV run again.

**ERROR-906** **Event Replicator Server {id}, no active subscription or destination for file {number}**

**Explanation** No active destination or subscription could be found for the file listed in the message (*number*) on the Event Replicator Server (*id*) named in the message.

**Action** First verify and correct (as necessary) the file number or the Event Replicator Server target ID for the ADASAV run. If they are correct, modify the Replicator system file subscription and destination definitions to ensure a definition exists for the file. Then try the ADASAV run again.

**ERROR-908** **The versions of ADASAV and ADARPV are incompatible**

**Explanation** The versions of ADASAV and ADARPV are internally incorrect.

**Action** Verify and correct (if necessary) the JCL allocation of libraries and input parameter to ADASAV. If problems persist, contact your Software GmbH support representative for assistance.

**ERROR-909** **Internal error in ADARPV+{offset}**
**Register contents at time of error:**
**R0-R3 {##### ##### ##### #####}**
**R4-R7 {##### ##### ##### #####}**
**R8-R11 {##### ##### ##### #####}**
**R12-R15 {##### ##### ##### #####}**

**Explanation** ADARPV has failed with an internal error at the *offset* given in the message.

**Action** Contact your our support representative for assistance, and provide details of the failure.

**ERROR-910** **ADARPV cannot load program ADAMGT**

**Explanation** Program ADARPV cannot load program ADAMGT.

**Action** Verify and correct (if necessary) the JCL allocation of libraries and input parameters to ADASAV. If problems persist, contact your Software GmbH support representative for assistance.

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| **ERROR-911** | **ADAMSG is incompatible with ADARPV** |
| **Explanation** | Program ADARPV has detected an invalid version of program ADAMSG. |
| **Action** | Verify and correct (if necessary) the JCL allocation of libraries and input parameters to ADASAV. If problems persist, contact your Software GmbH support representative for assistance. |

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| **ERROR-912** | **The source database Adabas version is not compatible with the Reptor Adabas version** |
| **Explanation** | The version of Adabas or the Event Replicator used by the Adabas database is not the same as the version of the Adabas or Event Replicator used by the Event Replicator Server. |
| **Action** | Resolve the discrepancy in the Adabas and Event Replicator Server Adabas versions before you try again. |

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| **ERROR-913** | **ADASAV does not support replication of spanned DS records** |
| **Explanation** | You cannot run the ADASAV RESTORE utility with the RPLDATA parameter on files that include spanned Data Storage records. |
| **Action** | Adjust the ADASAV RESTORE job so that files with spanned Data Storage records are not included in the run. |

# 97 ADASEL Utility Messages

**SEL001** **Unexpected end-of-file on DDKARTE**

**Explanation** An end-of-file was reached on the DDKARTE data set before ADASEL expected to reach an end-of-file. Most likely, the supplied input statements are incomplete.

**Action** See the ADASEL syntax description in the Adabas Utilities documentation. Correct the input statements, then rerun the ADASEL job.

**SEL002** **Syntax - undefined, illegal or incorrect syntax positioning of a parameter or symbol**

**Explanation** The input string marked by " <---- " does not match the ADASEL syntax.

**Action** See the ADASEL syntax description in the Adabas Utilities documentation. Correct the input statement syntax, then rerun the ADASEL job.

**SEL003** **Statement table overflow - increase LST**

**Explanation** The value specified by the SET GLOBALS parameter, LST, does not define an ADASEL translation table large enough for all the statements that match the SELECT argument.

**Action** Specify a SET GLOBALS statement with an LST value larger than the current specified or default value. The SET GLOBALS statement must come before the other ADASEL input statements. See the Adabas Utilities documentation for more information.

**SEL004** **Syntax - value length exceeds the maximum field definition limit**

**Explanation** The input string marked by " <---- " is longer than 253 bytes.

**Action** Correct the string length, then rerun the ADASEL job.

| | |
|---|---|
| **SEL005** | **Syntax - unexpected or missing quote** |
| **Explanation** | ADASEL detected an uneven number of apostrophes ('). All alphanumeric and hexadecimal values must be specified in pairs of apostrophes; apostrophes in an alphanumeric string must be doubled (as in `...don' 't forget...') |
| **Action** | Ensure that all specified apostrophes are paired, then rerun the ADASEL job. |

| | |
|---|---|
| **SEL006** | **Syntax - a numeric value specified for a binary field must be -2 147 483 648 < VAL < 2 147 483 647** |
| **Explanation** | A binary value in an ADASEL search criterion must be in the range of a two's complement value that fits within a fullword. The value specified was not recognized to be within this range. |
| **Action** | Correct the value specification and rerun the ADASEL job. |

| | |
|---|---|
| **SEL007** | **Syntax - missing trailing blank** |
| **Explanation** | The ADASEL syntax elements must be embedded in blanks. |
| **Action** | See the ADASEL syntax description in the Adabas Utilities documentation. Correct the input statement syntax, then rerun the ADASEL job. |

| | |
|---|---|
| **SEL008** | **Syntax - illegal hex digit or an odd number of hex digits were specified** |
| **Explanation** | Hexadecimal values must be paired, and be valid characters. |
| **Action** | See the ADASEL syntax description in the Adabas Utilities documentation. Correct the input statement syntax, then rerun the ADASEL job. |

| | |
|---|---|
| **SEL009** | **Syntax - numeric value contained more than 29 digits** |
| **Explanation** | Adabas generally does not allow unpacked decimal values longer than 29 bytes. |
| **Action** | Supply a correct numeric value of 29 or fewer packed characters, then rerun the ADASEL job. |

| | |
|---|---|
| **SEL010** | **Syntax - illegal numeric value** |
| **Explanation** | The specified numeric value for the ADASEL criterion is invalid. |
| **Action** | Check the criterion specification, and then rerun the ADASEL job. |

**SEL011** **Value table overflow - increase NV**

**Explanation** The ADASEL table allocated for evaluating field values is not large enough.

**Action** Specify a larger table value by using the SET GLOBALS statement parameter, NV. The SET GLOBALS statement must come before the other ADASEL input statements. See the Adabas Utilities documentation for more information.

**SEL012** **Internal logic failure - contact your local Adabas support representative**

**Explanation** An internal error occurred while ADASEL was checking the input statement syntax.

**Action** Record and/or save all output from the job, your input statements and any dump, then contact technical support for additional instructions.

**SEL013** **Invalid file number. File number must be 0<FNR<=MAXFILES (as specified for the database)**

**Explanation** The specified file number(s) for FILE must be greater than zero and equal to or less than the value last specified by the MAXFILES parameter in the ADADEF DEFINE utility.

**Action** Ensure that the defined file(s) are correct according to MAXFILE, that the specified files actually exist and that no files have been deleted.

**SEL014** **File table overflow - increase NF**

**Explanation** The allowed number of files for ADASEL processing was exceeded.

**Action** Specify a larger file table value by using the SET GLOBALS statement parameter NF. The SET GLOBALS statement must come before the other ADASEL input statements. See the Adabas Utilities documentation for more information.

**SEL015** **No FDT read due to absent or inaccurate ASSO data set or because the file is not loaded**

**Explanation** One or more of the specified files is not available for ADASEL processing. The unavailable file(s) are either locked by the Adabas nucleus, or have not been loaded into the database.

**Action** Either correct the ADASEL FILE specification to remove the files in question, or resubmit the job later when the files are available.

**SEL016** **Syntax - invalid DATE/TIME value specified**

**Explanation** The "starting from" and "ending at" date/time specification was incorrect. The format may be any one of the following:

```
yyyymmdd/hhmmss
 J(yyyyddd hhmmss)
 X'xxxx xxxx'
```

| | |
|---|---|
| **Action** | Correct the date/time specification and rerun the ADASEL job. |

| | |
|---|---|
| **SEL017** | **Syntax - password/cipher value length exceeds 8 characters or digits** |
| **Explanation** | The password/cipher specified for the ADASEL run had an incorrect length. |
| **Action** | Correct the password/cipher value and rerun the ADASEL job. |

| | |
|---|---|
| **SEL018** | **Syntax - undefined or illegal field name** |
| **Explanation** | The specified ADASEL fieldname is incorrect, or does not exist. |
| **Action** | Specify a correct fieldname, then rerun the ADASEL job. |

| | |
|---|---|
| **SEL019** | **Syntax - field name specified is not an elementary ({name}) a group or PE ({periodic}) - group name is not permitted** |
| **Explanation** | A field was specified for ADASEL that is not an elementary field, or the index value for a periodic group field was forgotten. Multiple-value and periodic group names, super-, sub-, hyper- or phonetic descriptor fields are not allowed. |
| **Action** | Respecify the field correctly, then rerun the ADASEL job. |

| | |
|---|---|
| **SEL020** | **Syntax - invalid periodic index specified (must be 0 < PE <= 191)** |
| **Explanation** | A periodic group field was specified for ADASEL with an incorrect or invalid index value. |
| **Action** | Specify the correct index value and rerun the ADASEL job. |

| | |
|---|---|
| **SEL021** | **Syntax - illegal hyphen specified in an index** |
| **Explanation** | A periodic group's field or multiple-value field's occurrence contained an illegal hyphen in the index portion of the specification. |
| **Action** | Correct the specification and rerun the ADASEL job. |

| | |
|---|---|
| **SEL022** | **Syntax - an index is specified for a non1-indexable field name; i.e., not an MU- or PE-field** |
| **Explanation** | An index value or range was specified for a field that is neither in a periodic group nor an occurrence in an multiple-value field. |
| **Action** | Remove the index value from the field specification, or correct the field name to show a periodic group or multiple-value field. |

**SEL023** **Syntax - missing or illegal MU-index**

**Explanation** A multiple-value field was specified for ADASEL with an incorrect or missing index value.

**Action** Specify the correct index value and rerun the ADASEL job.

**SEL024** **Syntax - 'FROM' index value is > 'TO' index value**

**Explanation** The "FROM" index specification for a multiple-value (MU) or periodic group (PE) field for the ADASEL job is greater than the "TO" index specification.

**Action** Specify correct index value(s) and rerun the job.

**SEL025** **Syntax - fields defined with a format of float are not permitted to be specified**

**Explanation** A field was defined for ADASEL that is in floating-point format. Floating point fields cannot be specified in an ADASEL search argument.

**Action** Respecify the ADASEL search argument using non-floating-point field name(s).

**SEL026** **Syntax - missing quote(s) for an alphameric value**

**Explanation** An alphanumeric value was specified without being enclosed in apostrophes ([X]'...').

**Action** Correct the value specification and rerun the ADASEL job.

**SEL027** **Internal logic failure - contact your local Adabas support representative**

**Explanation** An internal logic error occurred during ADASEL processing.

**Action** Record and save all output from the job, your input statements, and any dump. Then contact your technical support representative for assistance.

**SEL029** **Syntax - illegal FROM/THRU/BUT NOT value specified; i.e., EQUAL > THRU or BUT NOT > THRU, etc**

**Explanation** An incorrect ADASEL criterion value range was specified.

**Action** Correct the EQUAL ..., THRU ...(through ...), and/or BUT NOT... values and rerun the ADASEL job.

**SEL030** **Syntax - value length exceeds the fixed length defined for this field**

**Explanation** The field selected by the ADASEL criterion is defined with the fixed-length (FI) option, but the value specified for the field is longer than allowed by the field's FDT definition.

**Action** Correct the value size and rerun the ADASEL job.

**SEL031** **Syntax - maximum number of IF - levels exceeded. Increase NIF**

**Explanation** The number of "nested" IF levels in the ADASEL IF/THEN [ELSE] statement is more than allowed. The number of IF... levels is controlled by the ADASEL SET GLOBALS/NIF parameter.

**Action** Specify a larger IF... count by using the SET GLOBALS statement parameter NIF. The SET GLOBALS statement must come before the other ADASEL input statements. See the Adabas Utilities documentation for more information.

**SEL032** **Syntax - Unmatched IF/ELSE statements**

**Explanation** ADASEL detected an IF... without an ELSE..., or vice versa. IF... and ELSE... conditional parameters must occur in pairs.

**Action** Correct the ADASEL IF/ELSE syntax to create paired conditional parameters, and rerun the job.

**SEL033** **Syntax - Unmatched DO/DOEND statements**

**Explanation** ADASEL detected a DO... statement without a matching DOEND..., or vice versa.

**Action** Correct the ADASEL DO...DOEND syntax to create DO...DOEND pairs, and rerun the job.

**SEL034** **Syntax - DDEXPA data set number specified - must be 1 - 20 inclusive**

**Explanation** The ADASEL output data set(s) DDEXPAn was either not numbered or incorrectly numbered. There must be at least one output data set (DDEXPA1), up to a maximum of twenty, numbered in adjoining ascending order (DDEXPA1, DDEXPA2, ... DDEXPA20).

**Action** Correct the DDEXPAn job control statement(s), and rerun the ADASEL job.

**SEL035** **Syntax - The year specified in the date must be 1980 or later**

**Explanation** The "yyyy" portion of the date specified by the ADASEL input statement must be "1980" or later.

**Action** Correct the date and rerun the ADASEL job.

**SEL036** **Field description table overflow - increase NV**

**Explanation** The table for field evaluations in ADASEL is too small. Each "evaluation" of a field requires one table entry-regardless of whether only one field is evaluated many times or many fields, one time each.

**Action** Specify a larger field evaluation table value by using the SET GLOBALS statement parameter, NV. The SET GLOBALS statement must come before the other ADASEL input statements. See the Adabas Utilities documentation for more information.

**SEL037** **An undefined ASSO device type was specified. Check the ADARUN DEVICE parameter**

**Explanation** A DDASSORn job control statement for the ADASEL job specified an incorrect or undefined Associator device type. The default device type is the type specified by the ADARUN DEVICE parameter, but other device types may have been specified for the Associator. The ADAREP utility report or Adabas Online System "Database Report" function shows the devices in use for the Associator.

**Action** Correct the DDASSORn job control statement, and rerun the ADASEL job.

**SEL038** **Invalid TYPE value specified, must be AI/BI/ALL**

**Explanation** The ADASEL "SELECT..." specification is incorrect. The choices are before image (BI), after image (AI), or ALL.

**Action** Correct the SELECT specification, then rerun the ADASEL job.

**SEL039** **Invalid file number specified**

**Explanation** The ADASEL FILE... specification specified an invalid file number. There is no FDT for a file with the specified number.

**Action** Correct the SELECT specification, then rerun the ADASEL job.

**SEL040** **Invalid or illegal FROM/THRU ISN values specified**

**Explanation** An ADASEL criterion specified invalid EQUAL... and/or THRU (through)... ISN values.

**Action** Correct the SELECT specification, then rerun the ADASEL job.

**SEL041** **I/O error on DDKARTE**

**Explanation** An input/output error occurred while ADASEL was reading the DDKARTE input statements.

**Action** Record and/or save all output from the job, your input statements and any dump, then contact technical support for additional instructions.

**SEL043** **Table overflow - too many values specified**

**Explanation** ADASEL encountered a record that could not be decompressed.

**Action** Record and/or save all output from the job, your input statements and any dump, then contact technical support for additional instructions.

**SEL044** **Syntax - invalid or illegal GLOBAL parameter**

**Explanation** ADASEL detected an invalid SET GLOBALS statement value. The SET GLOBALS statement, which should come before the ADASEL parameters themselves, overrides default values for the ADASEL parameters.

**Action** Correct the SET GLOBALS statement in the ADASEL DDKARTE job control segment, and rerun the ADASEL job. See the Adabas Utilities documentation for more information.

**SEL045** **Unable to obtain sufficient memory for processing - rerun in a larger partition or address space**

**Explanation** The ADASEL job could not be run in the existing space.

**Action** Allocate more space for this nucleus, then rerun the ADASEL job.

**SEL046** **Unable to process Data Storage record due to an invalid MU/PE - count or field length or header**

**Explanation** ADASEL detected an incorrect multiple-value field count or periodic group occurrence or a field value was specified that is incompatible with the defined field's actual length or an incorrect record's header. ADASEL could not continue processing.

**Action** Correct the incompatibility, then rerun the ADASEL job.

**SEL047** **PE-value table overflow - increase LPV**

**Explanation** The table for evaluating periodic-group (PE) fields in ADASEL is too small. ADASEL normally computes this size automatically; however, there may have been more occurrences matching the search criterion than normal.

**Action** Specify a larger PE field evaluation table value by using the SET GLOBALS statement parameter, LPV. The SET GLOBALS statement must come before the other ADASEL input statements. See the Adabas Utilities documentation for more information.

**SEL048** **DDKARTE open failed**

**Explanation** ADASEL was unable to open the DDKARTE input statement data set.

**Action** Ensure that the DDKARTE statement is valid and specifies an available ADASEL job setup. Then rerun the ADASEL job.

**SEL049** **I/O error on DDDRUCK**

**Explanation** The DDDRUCK job control statement, which specifies the print output data set for ADASEL, is either incorrect or specifies an unavailable data set or device.

**Action** Correct the problem and rerun the ADASEL job.

**SEL050** **Error during opening/closing of output file DDEXPA**

**Explanation** ADASEL was unable to open/close the data set defined in JCL statement DDEXPA.

**Action** Ensure that the DDEXPA statement is valid and specifies an available data set. Then rerun the ADASEL job.

**SEL051** **Syntax - IF statement not permitted within a DO-group**

**Explanation** An ADASEL IF... statement cannot be within a DO...DOEND stream.

**Action** Move the IF... statement outside the DO...DOEND stream, or delete one of them. Then rerun the ADASEL job.

**SEL052** **Syntax - GLOBAL parameter exceeds the MINIMUM/MAXIMUM values**

**Explanation** ADASEL detected an invalid SET GLOBALS parameter value. The value is most likely outside the range allowed for the parameter. The following are some SET GLOBAL parameters and their allowed ranges:

| | |
|---|---|
| LS: | 1-132 |
| PS: | 2-999 |

**Action** Correct the SET GLOBALS statement in the ADASEL DDKARTE job control segment, and rerun the ADASEL job. See the Adabas Utilities documentation for more information.

**SEL053** **I/O error encountered on DDSIIN**

**Explanation** The DDSIIN job control statement, which specifies the sequential input (SIBA) log data set for ADASEL, is either incorrect or specifies an unavailable data set or device. Another possible cause is that the DDSIIN data set is not the sequential output file from an ADARES COPY/PLCOPY operation, as required by ADASEL.

**Action** Correct the problem and rerun the ADASEL job.

**SEL054** **I/O error encountered on DDEXPA**

**Explanation** The DDEXPA job control statement, which specifies the print output data set for ADASEL, is either incorrect or specifies an unavailable data set or device.

**Action** Correct the problem and rerun the ADASEL job.

**SEL055** **Warning: Skipping decompressed record**
**File={fn} ISN={isn}**
**LRECL for DDEXPAnn should be = nnnnn or more**

**Explanation** While decompressing a PLOG data set, ADASEL detected a record that was successfully decompressed but that cannot be written to the output file because it does not fit into the DDEXPA*nn* output buffer and parameter SPANREC was not specified in the OUTPUT statement of the ADASEL job. ADASEL skips the indicated record and continues processing.

**Action** The length of the given decompressed PLOG record (including headers) does not exceed the allowable maximum for VB format records, so you can either increase the LRECL value for DDEXPA*nn* as recommended in the message (NNNNN or more) or specify the SPANREC parameter in the ADASEL OUTPUT statement. Then rerun the ADASEL job.

**SEL056** **Warning: Skipping decompressed record**
**File={fn} ISN={isn} Decompressed length={length}**
**Use parameter "SPANREC" of OUTPUT statement for DDEXPAnn**

**Explanation** While decompressing a PLOG data set, ADASEL detected a record that was successfully decompressed but that cannot be written to the output file because it does not fit into the DDEXPA*nn* output buffer and parameter SPANREC was not specified in the OUTPUT statement of the ADASEL job. ADASEL skips the indicated record and continues processing.

**Action** The length of the given decompressed PLOG record (including headers) exceeds the allowable maximum for VB format records, so this record can be written to the output file only in parts. To do this, specify the SPANREC parameter in the ADASEL OUTPUT statement and rerun the job.

**SEL057** **ADADEC DECOMPRESS error - processing aborted**

**Explanation** While decompressing a file, ADASEL detected a record that it could not decompress.

**Action** Record and/or save all output from the job, your input statements and any dump, then contact technical support for additional instructions.

**SEL058** **File is ciphered and cannot be audited**

**Explanation** ADASEL cannot be run on ciphered files.

**Action** Change the file specification to exclude all ciphered files, then rerun the ADASEL job.

**SEL059** **Syntax - CHANGES option not permitted with selection of new or deleted records**

**Explanation** The CHANGES option requires both a before (BI) and after (AI) image for comparison following an update (A1/4) command. Either the BI or AI image was not available.

**Action** Remove the CHANGES parameter from the ADASEL syntax.

**SEL060** **Change pool is too small - increase NCFLD or NCUPD and rerun**

**Explanation** The default values of 10 (the count of "field-name" CHANGES... statements) for the NCFLD and NCUPD SET GLOBALS parameters of the ADASEL job are not large enough. These two counts are multiplied to determine the correct value.

**Action** Increase one or both of the NCFLD and NCUPD parameters in the SET GLOBALS statement of the ADASEL DDKARTE job, and rerun the ADASEL job. See the Adabas Utilities documentation for more information.

**SEL061** **Syntax - PE/MU index incorrectly specified for CHANGES option**

**Explanation** The IF "field-name" CHANGES... conditional statement of an ADASEL job specified a multiple-value (MU) field value or periodic group (PE) occurrence index value that does not exist, or that has no before (BI) and after (AI) image. The field value or group occurrence may have been added or deleted, eliminating one of the required images.

**Action** The IF...CHANGES... conditional statement cannot be specified in this case. Redefine the ADASEL statement.

**SEL062** **Warning: Skipping decompressed record. ADADEC RC={rc}**
**{text}**
**File={fn} ISN={isn} Field={fld} [PE-index={pe}]**

**Explanation** While decompressing a PLOG data set, ADASEL detected a record that it could not decompress. ADASEL skips the indicated record and continues processing. The reason-code (*rc*) and the line of explanatory text (*text*) provide you with more specific information about the error:

| Code | Description |
|---|---|
| 4 | A conversion error occurred during decompression. The explanatory text (*text*) in the message can be one of the following:<br>■ Truncation not possible<br>■ Conversion error<br>■ LOB error<br>■ Null value with NC option |
| 8 | The record is too long for the decompression buffer in main storage. The explanatory text (*text*) in the message is "Input record too long". |

**Note:** The PE-index part of the message text is only printed if the related field is an MU or PE field.

**Action** If necessary, record and save all output from the job, your input statements and any dump. Then contact your technical support representative for assistance.

**SEL063** **Utility cannot run with this version**

**Explanation** The version indicator returned by the accessed database does not match the version of the active utility.

**Action** Correct the database referenced in the ADASEL job and rerun the job.

**SEL065** **Syntax - COUNT only valid for MU or PE field**

**Explanation** The COUNT option of the DISPLAY instruction can only specify an MU or PE field.

**Action** Correct the COUNT option to specify an MU or PE field or remove the COUNT option and rerun the job.

**SEL066** **Syntax - DISPLAY BEFORE/BOTH must be preceded by "IF ... CHANGES"**

**Explanation** The BEFORE and BOTH options of the DISPLAY instruction can only be specified within IF statements that contain one or more CHANGES criteria.

**Action** Correct the DISPLAY instruction syntax and rerun the job.

**SEL067** **SELECT FROM FILE not allowed with SELECT FROM USER**

**Explanation** You cannot specify a SELECT FROM FILE parameter in the same ADASEL job as a SELECT FROM USER parameter.

**Action** Correct the ADASEL syntax and rerun the job.

**SEL068** **User table overflow -- Increase NU**

**Explanation** The user table allocation was not large enough.

**Action** Increase the ADASEL NU global parameter setting (its default is 20) and rerun the job.

**SEL069** **Syntax - Field names not allowed with SELECT FROM USER**

**Explanation** References to field names were found in a SELECT FROM USER parameter. In a SELECT FROM USER parameter, no field names can be specified in any associated value criteria or in DISPLAY instructions.

**Action** Correct the ADASEL syntax and rerun the job.

**SEL075** **Error encountered during CHANGE element processing**

**Explanation** An internal error occurred in CHANGE ELEMENT processing.

**Action** Record or save all output from the job, your input statements, and any dumps. Then contact your our support representative for assistance.

**SEL076** **Warning DDEBAND defined, ignored**

**Explanation** The FDTINPUT parameter was not specified for an ADASEL run, but the DDEBAND job statement was defined in the JCL for the run. The job statement is ignored.

**Action** No action is required for this informational message unless you intended to pull the FDT from DDEBAND. If this is the case, specify the FDTINPUT parameter and rerun the ADASEL job.

**SEL077** **Warning DDSAVE defined, ignored**

**Explanation** The FDTINPUT parameter was not supplied in an ADASEL run, but the DDSAVE job statement was specified for the run. The job statement is ignored.

**Action** No action is required for this informational message unless you intended to pull the FDT from DDSAVE. If this is the case, specify the FDTINPUT parameter and rerun the ADASEL job.

**SEL078** **Spanned work pool is too small -- increase LWP and rerun**

**Explanation** The global LWP ADARUN parameter value is not large enough. LWP specifies the size of the Adabas work pool which is used for assembling PLOG spanned records.

**Action** Increase the LWP parameter setting and rerun the ADASEL job.

**SEL079** **Warning. Skipping spanned records**

**Explanation** A spanned record was encountered in the PLOG and parameter SPANREC was not specified in the OUTPUT instruction. This record cannot be processed by the ADASEL utility without the SPANREC parameter and is rejected from further processing.

**Action** If spanned record processing is required, specify the SPANREC parameter in the ADASEL OUTPUT instruction and rerun the ADASEL job.

**SEL080** **Both DDEBAND and DDSAVE defined. Only one allowed for FDTINPUT**

**Explanation** Both DDEBAND and DDSAVE job control statements have been defined in the ADASEL job. Only one is allowed, not both.

**Action** Correct the ADASEL job and rerun it.

**SEL081** **DDEBAND or DDSAVE input must be specified with FDTINPUT option**

**Explanation** The FDTINPUT parameter was supplied, but neither the DDEBAND or DDSAVE job control statements were included in the ADASEL job.

**Action** Supply a valid DDEBAND or DDSAVE job control statement (but not both) and rerun the job.

**SEL082** **DDEBAND input not allowed with SELECT FROM USER**

**Explanation** If SELECT FROM USER is specified for an ADASEL run, DDEBAND is not allowed. Specify DDSAVE instead.

**Action** Correct the ADASEL job, specifying DDSAVE and not DDEBAND if SELECT FROM USER is requested. Then rerun the job.

**SEL084** **Error during execution of a sequential read on file DDSAVE: {rsn-code}**

**Explanation** An error occurred during a sequential read of DDSAVE. The reason code (*rsn-code*) is given in the message.

**Action** Record or save all output from the job, your input statements, and any dumps. Then contact your our support representative for assistance.

**SEL085** **I/O error during execution of a sequential read on file DDEBAND: rsn-code**

**Explanation** An error occurred during a sequential read of DDEBAND. The reason code (*rsn-code*) is given in the message.

**Action** Record or save all output from the job, your input statements, and any dumps. Then contact your our support representative for assistance.

**SEL086** **Incorrect FDT found in input data set**

**Explanation** Either the field definition table (FDT) expected in the first record is missing from the data set or the FDT structure read from the data set does not satisfy the rules.

**Action** Verify that the input data set is valid. Supply a correct input data set and rerun the job. If the problem persists, contact your Software GmbH technical support representative for assistance.

**SEL087** **The input data set / file DDEBAND does not have V or VB record format**

**Explanation** The specified input data set is invalid.

**Action** Supply a correct input data set and rerun the ADASEL job.

**SEL088** **I/O error during opening/closing of input file DDSAVE: {rsn-code}**

**Explanation** An error occurred attempting to open or close the DDSAVE input file. The reason code (*rsn-code*) for the failure is given in the message. The cause is probably a misspelling of a job control statement name or other JCL error.

**Action** Investigate the cause of the error; correct it and rerun the job.

**SEL089** **I/O error during opening/closing of input file DDEBAND: {rsn-code}**

**Explanation** An error occurred attempting to open or close the DDEBAND input file. The reason code (*rsn-code*) for the failure is given in the message. The cause is probably a misspelling of a job control statement name or other JCL error.

**Action** Investigate the cause of the error; correct it and rerun the job.

**SEL090** **Invalid SAVETAPE supplied**

**Explanation** The data set supplied as the DDSAVE input data set is not a save tape.

**Action** Supply a valid save tape and rerun the job.

**SEL091** **Insufficient pool size to keep all external FDTs**

**Explanation** The pool size for the FDT allocation was insufficient for the number of FDTs found on the save tape. It is possible that the save tape is invalid because the pool size calculation is from the file control block (FCB).

**Action** Supply a valid save tape and rerun the job.

**SEL092** **Differing FNRs not allowed for DDEBAND FDTINPUT**

**Explanation** Multiple file numbers are not allowed when DDEBAND is supplied.

**Action** Correct the SELECT parameters and rerun the job.

**SEL093** **Requested file not found on SAVETAPE**
**Required FNR={fnr}**

**Explanation** The requested file's FDT is not found on the SAVETAPE. The file number of the requested file is given in the message (*fnr*).

**Action** Supply a save tape that contains the FDT needed and rerun the job. If you are unsure of the contents of a save tape, run an ADAREP report from the save tape and review its contents.

**SEL094** **SAVETAPE must be from V74 or higher**

**Explanation** The supplied save tape was not created using Adabas version 7.4 or later.

**Action** Supply a save tape created using Adabas version 7.4 or later and rerun the job.

**SEL096** **FDT VERSION DOES NOT MATCH WITH PLOG VERSION**

**Explanation** The PLOG provided is for a different version than the FDT supplied on DDEBAND or DDSAVE.

**Action** Supply a correct PLOG or input FDT and rerun the ADASEL job.

**SEL097** **Warning secondary segment without primary is rejected**

**Explanation** A standalone secondary segment (a secondary segment without a primary segment) of a spanned record was encountered in the PLOG. This segment cannot be processed by ADASEL and so is rejected from further processing.

**Action** No action is required for this informational message. Probably, Adabas was started with the ADARUN parameter SRLOG=UPD, which instructs the nucleus to write to the PLOG only the modified spanned record segments. If it is necessary to include all spanned PLOG records in ADASEL processing, restart Adabas with the SRLOG parameter set to ALL or PART.

**SEL098** **Warning Fieldname {fn} for ISN={isn} could not be fully processed. The entire value is not present on the PLOG. This record is rejected for further processing**

**Explanation** The spanned record field (*fn*) and ISN (*isn*) identified in the message is not available in the PLOG and is specified with CHANGES or value criteria. This record is rejected for further processing.

**Action** No action is required for this informational message.

**SEL099** **ADASEL terminating due to error**

**Explanation** This message typically follows another error message which contains more details about the error and indicates that ADASEL terminated abnormally because the NOUSERABEND parameter was specified.

**Action** Analyze the previous errors for the run, correct the error condition, and rerun the ADASEL job.

**SEL100** **The Time zone specified by the TZ parameter is invalid**

**Explanation** An invalid time zone value was specified in the TZ parameter. The time zone specified must be a valid time zone name contained in the TZINFO member of the Adabas time zone library (ADAvrs.TZ00).

Adabas uses the time zone data taken from the tz database, which is also called the zoneinfo or Olson database. The specific list of time zone names that Adabas supports in any given release can be found in the TZINFO member of the Adabas source library

(ADA*vrs*.SRCE). For more information about the TZINFO member of the time zone library, read *Supported Time Zones*.

**Action** Supply a valid parameter value and rerun the job.

**SEL101** **I/O error during opening/reading of input file TZINFO**

**Explanation** The time zone specified could not be loaded from the Adabas time zone library (ADA*vrs*.TZ00).

**Action** Make sure that JCL assigns TZINFO to the Adabas time zone library (ADAvrs.TZ00). Amend the JCL and rerun the job.

**SEL102** **Syntax - SELECT FROM FILE not allowed with SELECT ETCMD**

**Explanation** An attempt to specify SELECT ETCMD FROM FILE was made. SELECT ETCMD can only be specified with FROM USER.

**Action** Change the syntax to specify FROM USER instead of FROM FILE and try again.

**SEL103** **Syntax - DISPLAY ALL not allowed with SELECT ETCMD**

**Explanation** An attempt was made to specify DISPLAY ALL in the same ADASEL statement as the SELECT ETCMD parameter. When you specify SELECT ETCMD, you restrict the data to only ET data; thus it becomes an illogical condition to specify DISPLAY ALL since the data is not there.

**Action** Correct the syntax and try again.

**SEL104** **Syntax - ISN not allowed with SELECT ETCMD**

**Explanation** An attempt was made to specify DISPLAY ISN in the same ADASEL statement as the SELECT ETCMD parameter. When you specify SELECT ETCMD, you restrict the data to only ET data; thus it becomes an illogical condition to specify DISPLAY ISN since the data is not there.

**Action** Correct the syntax and try again.

**SEL105** ***** ERROR *** Field selection exceeds output buffer size**

**Explanation** An attempt was made to write specific fields to the EXPA*n* output data set and the length of the selected fields exceeds the length of the EXPA*n* output buffer.

**Action** Reduce the number of fields selected for output and try again.

| | |
|---|---|
| **SEL106** | **Syntax - numeric value too large** |
| **Explanation** | The specified numeric value for the ADASEL criterion is too large. |
| **Action** | Verify the criterion specification for the ADASEL run, correcting values to allowed ranges. Then rerun the ADASEL job. |

| | |
|---|---|
| **SEL108** | **Timezone file cannot be processed or the transition times are invalid** |
| **Explanation** | The timezone file cannot be processed. |
| **Action** | Make sure that the Adabas time zone library (ADA*vrs*.TZ00) is readable and the timezone file is unmodified.<br><br>Contact your technical support representative for assistance. |

| | |
|---|---|
| **SEL109** | **PLOG version with time prefix does not match the Adabas version** |
| **Explanation** | The PLOG cannot be processed. The version indicates that a timestamp should be present and it was not. Check how the PLOG was created, making sure that the PLOG was created at the appropriate Adabas level. |
| **Action** | Contact your technical support representative for assistance, if necessary. |

| | |
|---|---|
| **SEL133** | **Warning. PLOG has not been merged** |
| **Explanation** | The PLOG was created by an Adabas cluster nucleus and has not yet been merged using the ADARES PLCOPY procedure. |
| **Action** | Merge the PLOGs using the ADARES PLCOPY function before you extract data using ADACDC. |

# 98 ADAULD Utility Messages

This document describes ADAULD messages.

| | |
|---|---|
| **ERROR-121** | **Cipher-code missing** |
| **Explanation** | The file is ciphered but no cipher code is supplied. |
| **Action** | Supply the correct cipher code and rerun the ADAULD job. |
| **ERROR-122** | **Cipher code supplied, but file is not ciphered** |
| **Action** | Remove the cipher code and rerun the ADAULD job. |
| **ERROR-123** | **No records selected** |
| **Explanation** | No records found according to the given search criterion. The resulting unloaded file contains only the field definition table (FDT). |
| **ERROR-124** | **Error limit reached** |
| **Explanation** | "error-count" errors have occurred (the displayed message contains an actual count). ADAULD execution is terminated. |
| **ERROR-125** | **Invalid value for parameter 'NUMOUT'** |
| **Explanation** | NUMOUT must be 1 or 2. If NUMOUT=2, user exit 9 must is loaded. |
| **Action** | Supply a correct parameter or a user exit, and rerun the job. |

**ERROR-126** **'SELVAL' parameter missing**

**Action** Supply a valid selection criterion and rerun the job.

**ERROR-127** **Invalid value for the parameter 'LRECL' or 'LPB'**

**Explanation** The LRECL and LPB parameters must be less than 32,768.

**Action** Supply the correct parameter value and rerun the ADAULD job.

**ERROR-128** **Different record lengths for DDOUT1 and DDOUT2**

**Explanation** The maximum record lengths of the output data sets must be equal.

**Action** Supply the correct output data sets and rerun the ADAULD job.

**ERROR-129** **Invalid 'SORTSEQ' parameter {parameter}**

**Explanation** The field cannot be used to determine the unload sequence because it

- is undefined;
- is not a descriptor;
- is a phonetic descriptor; or
- (or part of the field) is within a periodic (PE) group.

**Action** Choose another sequence, and rerun the ADAULD job.

**ERROR-130** **Descriptor {desc-name} has {option} option**

**Explanation** Unloading the file in descriptor "desc-name" sequence may lead to variations in the normal sequence (anomalies).

**Action** If you nevertheless want to perform that unload sequence, supply the "option" parameter. Otherwise, choose another unload sequence. Then rerun the ADAULD job.

**ERROR-131** **Invalid ETID parameter**

**Explanation** The file to be unloaded is not defined with the multiclient option.

**Action** Remove the ETID parameter and rerun the ADAULD job.

**ERROR-132** **Missing ETID parameter**

**Explanation** The file to be unloaded is defined with the multiclient option. Selecting records according to a search criterion requires that a single ETID be specified.

**Action** Specify the ETID parameter, and rerun the ADAULD job.

**ERROR-133** **The file number supplied is a checkpoint or security file**

**Explanation** Checkpoint and security files may not be unloaded.

**Action** Supply a correct input file and rerun the job.

**ERROR-134** **Invalid save tape supplied**

**Explanation** The data set supplied as the DDSAVE input data set is not a save tape.

**Action** Supply a valid save tape and rerun the job.

**ERROR-135** **Invalid protection log supplied**

**Explanation** Once of the following occurred:

- The requested protection log has DBID dbid1, session number plognum1, but the supplied protection log has DBID dbid2, session number plognum2.
- The SYN1/SYN4 checkpoint is not contained in the protection log block *blocknumber*.
- The SYN2/SYN5 checkpoint is not contained anywhere on the protection log.
- Another SYN1/SYN4 checkpoint was encountered before the expected SYN2/SYN5 checkpoint.
- The supplied input tape is not a protection log.
- There is an inconsistency in the protection record.

**Action** A dump will be produced to analyze the issue. Supply the correct protection log and parameters, and rerun the job.

**ERROR-136** **TEMP data set too small**

**Explanation** The temp data set is not large enough to buffer all Data Storage blocks found for file *file-number* on the protection log.

**Action** Supply a larger temp data set and rerun the job.

**ERROR-137** **The input tapes of a multivolume save data set are mounted in the wrong order**

**Explanation** The tapes of a multivolume data set are mounted in the wrong order. ADAULD terminates.

**Action** Supply the tapes in the correct order and rerun the job.

**ERROR-138** **Error during DSF processing**

**Explanation** An error occurred while the Adabas Delta Save Facility Facility was processing the requested function for the delta save data set. The Delta Save Facility returned the response code provided in the message.

**Action** Refer to the information for the specified response code. Correct the error and rerun the job.

**ERROR-139** **Unload without full save not possible**

**Explanation** The full save tape required to unload from a delta save data set is not supplied.

**Action** Supply the full save data set and rerun the job.

**ERROR-140** **Invalid value for the parameter CODE**

**Explanation** A valid value has at most eight (8) digits or blanks.

**Action** Supply a valid parameter value and rerun the job.

**ERROR-141** **No protection log supplied**

**Explanation** The unloaded file was changed during an online save operation but no protection log is supplied. The unloaded data is probably inconsistent.

**ERROR-142** **Invalid DDISN parameter**

**Explanation** The DDISN parameter must not be specified if SORTSEQ=*descriptor*,MU is also specified, or if the descriptor specified with SORTSEQ is a hyperdescriptor.

**Action** Supply the correct parameter value and rerun the job.

**ERROR-143** **The input data set/file DDEBAND or DDISN does not have the record format variable or variable blocked (V or VB)**

**Explanation** The record format of DDEBAND and DDISN must be V or VB.

**Action** Supply the correct input and rerun the job.

**ERROR-144** **Invalid ET-ID**

**Explanation** When running DECOMPRESS on a multiclient file, Adabas processes either

- the entire file if ET-ID is not specified; or
- the selection of records allowed for the client identified by ET-ID.

The user ID referred to by the `ETID' parameter is either not defined or has not been assigned an owner ID.

**Action** Investigate the cause of the error; correct it; and rerun the job.

**ERROR-145** **Hyperdescriptor exit was not specified in ADARUN**

**Explanation** While unloading a file from SAVETAPE, the descriptor value table (DVT) could not be created because the file contains a hyperdescriptor but the hyperdescriptor exit was not specified in the ADARUN parameters for the database.

**Action** Specify ADARUN HEXnn parameter in the ADARUN parameters for the database and rerun the job. For more information about the HEXnn parameter, read *HEXnn: Hyperdescriptor User Exit* in *Adabas Operations*.

**ERROR-146** **Hyperdescriptor exit was not specified in ADARUN**

**Explanation** An error was encountered while generating the descriptor value table (DVT) when a file was being unloaded from SAVETAPE. A response code is returned. For more information, read *Nucleus Response Codes* in *Adabas Messages and Codes*.

**Action** Investigate the cause of the error, correct it, and rerun the job.

**ERROR-147** **FDT plus IT prefix do not fit into the output record**

**Explanation** The maximum record length of the output data set is to small.

**Action** Specify the correct output data set or a data set with the correct maximum record length and rerun the job.

**ERROR-148** **Error during hyperexit call**
**A call to hyperexit number {nn} resulted in a response 79 with subcode {code}**

**Explanation** A hyperdescriptor exit call failed with response code 79 (ADARSP079) and the subcode given in the message during SAVETAPE processing.

**Action** Investigate the subcode to determine the reason for the error.

**ERROR-149** **File {nnnn} cannot be processed.**
**The file has spanned records.**
**ADAULD does not support unloading this file from a save tape.**

**Explanation** File contains spanned records and is not supported at this time.

**Action** Adjust the ADAULD job so that files with spanned Data Storage records are not included in the run.

**ERROR-150** **Inconsistent SAVETAPE {tape}**
**The SAVETAPE tape does not contain the expected data.**
**All records must refer to**
**DBID {dbid1}, Session Number {n1}, and Time Stamp {tttt1}.**
**A Record was found referring to**
**DBID {dbid2}, Session Number {n2}, and Time Stamp {tttt2}**

**Explanation** The SAVETAPE identified in the message (*tape*) does not contain expected data. All records on the tape must contain references to DBID *dbid1*, session number *n1*, and time stamp *tttt1*. However, a record was found that incorrectly referred to DBID *dbid2*, session number *n2*, and time stamp *tttt2*

**Action** Correct the cause of the incorrect reference and rerun the ADAULD job.

**MODE=SHORT will be forced**
**Found field(s) defined with COLDE option**

**Explanation** At least one field was found with the collation descriptor option defined. In this case, MODE=SHORT is required. Adabas has forced this parameter setting.

**Action** None required. This message is for information only.

# 99 ADAWRK Utility Messages

| | |
|---|---|
| **ERROR-121** | **Invalid value for parameter TIMEZONE. TIMEZONE must be set to MACHINE, LOCAL, or an integer value in the range -23 to +23. When entering + OR -, enclose the number in single quotes. e.g. TIMEZONE='+5'** |
| **Explanation** | An invalid value was specified for the TIMEZONE parameter. |
| **Action** | Supply the correct parameter value and rerun the ADAWRK job. |
| **ERROR-122** | **Invalid value for parameter CHECKPOINT. Must be set to YES or NO.** |
| **Explanation** | An invalid value was specified for the CHECKPOINT parameter. |
| **Action** | Supply the correct parameter value and rerun the ADAWRK job. |
| **ERROR-124** | **Invalid value for parameter FORCE. Must set to YES or NO.** |
| **Explanation** | An invalid value was specified for the FORCE parameter. |
| **Action** | Supply the correct parameter value and rerun the ADAWRK job. |
| **ERROR-125** | **Invalid value for parameter REPLICATION. Must be set to YES, NO, DETAIL or FULL.** |
| **Explanation** | An invalid value was specified for the REPLICATION parameter. |
| **Action** | Supply the correct parameter value (from those listed in the message) and rerun the ADAWRK job. |

**ERROR-126** **Invalid value for parameter REPORTFILE. Must be set to YES or NO.**

**Explanation** An invalid value was specified for the REPORTFILE parameter.

**Action** Supply the correct parameter value and rerun the ADAWRK job.

**ERROR-127** **Invalid value for parameter SUMMARY. Must be set to YES or NO.**

**Explanation** An invalid value was specified for the SUMMARY parameter.

**Action** Supply the correct parameter value and rerun the ADAWRK job.

**ERROR-128** **Invalid value for parameter TRANSACTIONS. Must be set to YES, NO or FULL.**

**Explanation** An invalid value was specified for the TRANSACTIONS parameter.

**Action** Supply the correct parameter value and rerun the ADAWRK job.

**ERROR-129** **Invalid value for parameter FILES. File number provided must be > 0 and < 65536.**

**Explanation** An invalid value was specified for the FILES parameter.

**Action** Supply a file number in the correct range and rerun the ADAWRK job.

**ERROR-130** **Invalid range for parameter FILES. When file range provided, VALUE1 < VALUE2.**

**Explanation** An invalid value was specified for the FILES parameter.

**Action** Ensure that when providing a range of file numbers the first value (VALUE1) is less than the second value (VALUE2), then rerun the ADAWRK job.

**ERROR-131** **IOR {cccc} call failed return code {rc}**

**Explanation** An internal call failed.

**Action** Contact your technical support representative with the details of this message.

**ERROR-132** **Cannot identify Work data sets as no Work data sets were provided in the JCL and NOPPT was specified**

**Explanation** ADAWRK was unable to find Work data sets.

**Action** Either include statements for the Work data sets in the JCL or remove the NOPPT parameter.

| | |
|---|---|
| **ERROR-133** | **TIMESTAMP mismatch on Work data set** |
| **Explanation** | ADAWRK detected inconsistent timestamps in the Work data set provided. |
| **Action** | Contact your technical support representative with the details of this message. |

| | |
|---|---|
| **ERROR-134** | **Work data set {dsn} has wrapped** |
| **Explanation** | ADAWRK detected that the Work data set has wrapped and that old protection data has been overwritten. The Work data set name (*dsn*) is given in the message. |
| **Action** | Contact your technical support representative with the details of this message. |

| | |
|---|---|
| **ERROR-135** | **While processing a non cluster Work, a cluster nucleus Work block was found** |
| **Explanation** | While processing a Work data set from a non-cluster nucleus, ADAWRK detected a work block that originated from a cluster nucleus. |
| **Action** | Contact your technical support representative with the details of this message. |

| | |
|---|---|
| **ERROR-136** | **While processing a cluster Work data set, a non cluster nucleus Work block was found** |
| **Explanation** | While processing a Work data set from a cluster nucleus, ADAWRK detected a work block that originated from a non-cluster nucleus. |
| **Action** | Contact your technical support representative with the details of this message. |

| | |
|---|---|
| **ERROR-137** | **Work block size value longer than Work block size** |
| **Explanation** | While processing a Work data set, ADAWRK detected a work block with a size indicator greater than the block size of the work block. |
| **Action** | Contact your technical support representative with the details of this message. |

| | |
|---|---|
| **ERROR-138** | **Invalid version in Work block** |
| **Explanation** | While processing a Work data set, ADAWRK detected a work block with a version number that is not supported. |
| **Action** | Contact your technical support representative with the details of this message. |

| | |
|---|---|
| **ERROR-139** | **Invalid database ID in Work block** |
| **Explanation** | While processing a Work data set, ADAWRK detected a work block with a different database ID. |
| **Action** | Ensure that you have not mixed the Work files you are passing to ADAWRK. |

**ERROR-140** **Invalid timestamp in Work block**

**Explanation** While processing a Work data set, ADAWRK detected a work block with an invalid timestamp.

**Action** Contact your technical support representative with the details of this message.

**ERROR-141** **Invalid HSI record in Work block**

**Explanation** While processing a Work data set, ADAWRK detected a work block with an invalid HSI record.

**Action** Contact your technical support representative with the details of this message.

**ERROR-142** **Cluster nucleus Work data set time stamps did not occur in chronological order**

**Explanation** While processing a cluster Work data set, ADAWRK detected timestamps that are not in the correct order.

**Action** Contact your technical support representative with the details of this message.

**ERROR-143** **No recovery data found on provided Work data sets**

**Explanation** While processing the specified Work data sets, ADAWRK was unable to detect any recovery data.

**Action** Ensure that you have not mixed the Work files you are passing to ADAWRK.

**ERROR-145** **Work data set has wrapped**

**Explanation** The Replication Restart Point was not found on the Work data set(s) provided. Replication information may have been lost.

**Action** Contact your technical support representative with the details of this message.

**ERROR-146** **Invalid nucleus ID in Work block**

**Explanation** While processing the Work data set, an invalid nucleus ID was detected.

**Action** Ensure that you have not mixed the Work files you are passing to ADAWRK.

**ERROR-147** **Userid cannot exceed 8 bytes**

**Explanation** A user ID longer than eight bytes was specified when providing a user ID to be used for selecting transactions.

**Action** Correct the user ID and resubmit the job.

**ERROR-148** **Missing Work data set entry in PPT block**

**Explanation** When processing the PPT block in the specified Associator data set, a missing entry was detected.

**Action** Contact your technical support representative for assistance.

**ERROR-149** **Invalid WORK part 1b header block for nucleus ID {id}**

**Explanation** While processing a Work data set, ADAWRK detected an invalid work block part 1b header for WORK data set from nucleus with nucleus ID = *id*.

**Action** Contact your technical support representative with the details of this message.

**ERROR-150** **Insufficient workpool space for buffers**

**Explanation** ADAWRK encountered a shortage of space in the Work pool during execution.

**Action** Check JCL, increase region size, and resubmit the job. If the problem persists, contact your technical support representative for assistance.

**ERROR-151** **I/O error reading a Work data set**

**Explanation** ADAWRK encountered an I/O error reading a Work data set.

**Action** Review the additional error message accompanying this message and rectify the problem. Then resubmit the job.

**ERROR-152** **I/O error reading PPT**

**Explanation** ADAWRK encountered an I/O error reading the PPT.

**Action** Review the additional error message accompanying this message and rectify the problem. Then resubmit the job.

**ERROR-153** **Inconsistent Work data sets provided**

**Explanation** ADAWRK detected inconsistencies in the Work data sets provided.

**Action** Contact your technical support representative with the details of this message.

**ERROR-154** **Parameter LWP must be specified in Kb, e.g. LWP=512K**

**Explanation** The value provided for the LWP parameter must be specified in kilobytes.

**Action** Provide a value for LWP in kilobytes and try again.

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|---|---|
| **ERROR-155** | **Parameter LWP error : must be between 100K and 1048576K** |
| **Explanation** | The value provided for the LWP parameter is not in the correct range. |
| **Action** | Provide a value for LWP in the correct range and try again. |

| | |
|---|---|
| **ERROR-156** | **Parameter error(s) detected** |
| **Explanation** | This message appears when errors have been detected in parameter processing. |
| **Action** | Messages indicating which parameters are in error will have been issued earlier. Refer to these other error messages to resolve the issue. Then try again. |

| | |
|---|---|
| **ERROR-157** | **No space in Work pool to satisfy request**<br>**Please review the settings of the LWP parameter** |
| **Explanation** | An internal ADAWRK storage request has failed. |
| **Action** | Consider increasing the setting of the ADAWRK LWP (length of Work pool) parameter. If this does not resolve the issue, contact your Software GmbH technical support representative for assistance. |

| | |
|---|---|
| **ERROR-158** | **All Work data sets for nuclei referred to in Work-part-1 data not provided** |
| **Explanation** | Records have been detected in the Work part 1 data referring to clustered nuclei, but the work data sets for the other nuclei have not been provided as input to ADAWRK in JCL. Inconsistent ADAWRK output may result. |
| **Action** | Ensure that all Work data sets for all component nuclei of the cluster are included as input to ADAWRK. Then try again. |

| | |
|---|---|
| **ERROR-159** | **Invalid value for parameter FILES. File number specified more than once.** |
| **Explanation** | The same file number has been specified more than once in the ADAWRK FILES parameter. This is invalid. |
| **Action** | Correct the parameter and try again. |

| | |
|---|---|
| **ERROR-160** | **More than one Replication Data Begin Record received.** |
| **Explanation** | More than one internal replication begin record was encountered during ADAWRK processing. |
| **Action** | Contact your technical support representative for assistance. |

**ERROR-161** **Missing WRKC for Replication ID record**

**Explanation** An internal error has occurred when ADAWRK was processing a replication-related protection record. ADAWRK skips this protection record and continues processing, but its replication report may become inaccurate.

**Action** Contact your technical support representative with the details of this message.

**ERROR-162** **Missing WRKC for Replication RDI record**

**Explanation** An internal error has occurred when ADAWRK was processing a replication-related protection record. ADAWRK skips this protection record and continues processing, but its replication report may become inaccurate.

**Action** Contact your technical support representative with the details of this message.

**ERROR-163** **Missing WRKC for Replication RDB record**

**Explanation** An internal error has occurred when ADAWRK was processing a replication-related protection record. ADAWRK skips this protection record and continues processing, but its replication report may become inaccurate.

**Action** Contact your technical support representative with the details of this message.

**ERROR-164** **Missing WRKU for Replication RDB record**

**Explanation** An internal error has occurred when ADAWRK was processing a replication-related protection record. ADAWRK skips this protection record and continues processing, but its replication report may become inaccurate.

**Action** Contact your technical support representative with the details of this message.

**ERROR-165** **Unexpected response code {rc} subcode {sc}**

**Explanation** An unexpected Adabas response code has occurred when ADAWRK was opening, validating or traversing a Work data set. The response code and associated subcode are shown. ADAWRK stops processing.

**Action** Contact your technical support representative with the details of this message.

**ERROR-166** **Partially written block in WORK Part 1 extension NUCID={id}, RABN={nnnnnn}**

**Explanation** While processing a Work data set, ADAWRK detected an invalid block in the Work part 1 extension (RABN=*nnnnnn*) on the Work data set of the nucleus with nucleus NUCID *id*.

**Action** Contact your technical support representative with the details of this message.

**ERROR-167** **PLOG record internal nucid > 32**

**Explanation** A protection record on a Work data set contains an invalid internal NUCID. ADAWRK stops processing.

**Action** Contact your technical support representative with the details of this message.

**ERROR-168** **Inconsistency in WORK Part 1 extension NUCID={id}**

**Explanation** While processing a Work data set, ADAWRK detected an inconsistent block in the Work part 1 extension on the Work data set of the nucleus with NUCID *id*.

**Action** Contact your technical support representative with the details of this message.

**WARN-001** **A timestamp was encountered reading the Work data sets indicating that ADAWRK is running against a running Adabas nucleus. ADAWRK will continue.**

**Explanation** ADAWRK detected that the Work data sets it is reading are being used by an active database.

**Action** No action is required for this informational message.

**WARN-002** **Flush point values not established**

**Explanation** While processing the specified Work data sets, ADAWRK was unable to determine the flush point.

**Action** No action is required for this informational message.

**WARN-003** **End of buffer flush values not established**

**Explanation** While processing the specified Work data sets, ADAWRK was unable to determine the end of buffer flush point.

**Action** No action is required for this informational message.

**WARN-004** **Start of buffer flush values not established**

**Explanation** While processing the specified Work data sets, ADAWRK was unable to determine the start of buffer flush point.

**Action** No action is required for this informational message.

**WARN-005** **Backward repair point values not established**

**Explanation** While processing the specified Work data sets, ADAWRK was unable to determine the backward repair point.

**Action** No action is required for this informational message.

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|---|---|
| **WARN-006** | **Work data set {dsn} found in PPT but not provided to ADAWRK.** |
| **Explanation** | The PPT refers to a Work data set that has not been provided as input to ADAWRK in JCL. It may be that the data set has been omitted in error. Inconsistent ADAWRK output may result. |
| **Action** | If the data set was not intentionally excluded from the run, include the relevant data set as input to ADAWRK. Then try again. |

| | |
|---|---|
| **WARN-007** | **Work data set {dsn} not found in PPT but provided to ADAWRK** |
| **Explanation** | The PPT does not refer to a Work data set that has been provided as input to ADAWRK in JCL. It may be that the data set has been included in error. Inconsistent ADAWRK output may result. |
| **Action** | If the data set was not intentionally included from the run, remove the relevant data set as input to ADAWRK. Then try again. |

| | |
|---|---|
| **WARN-008** | **Work data set for nucleus that triggered the last buffer flush not provided** |
| **Explanation** | The Work data set for the nucleus that triggered the last buffer flush has not been provided as input to ADAWRK in JCL. Inconsistent ADAWRK output may result. |
| **Action** | If the data set was not intentionally excluded from the run, include the relevant data set as input to ADAWRK. Then try again. |

# 100 ADAZAP Utility Messages

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|---|---|
| **ERROR-121** | **Incorrect mastercode supplied** |
| **Explanation** | The 8-byte mastercode specified in the MCODE parameter is incorrect. |
| **Action** | Supply the correct mastercode and rerun the job. |

| | |
|---|---|
| **ERROR-122** | **Adabas active, ADAZAP not permitted to run** |
| **Explanation** | ADAZAP runs only when the relevant Adabas nucleus is inactive. |
| **Action** | Shut down the nucleus and rerun the job. |

| | |
|---|---|
| **ERROR-123** | **VER-string is shorted than REP-string** |
| **Explanation** | The length of the string specified by VER is shorter than the string specified by REP. |
| **Action** | Specify the length of VER at least as long as the length of REP. |

| | |
|---|---|
| **ERROR-124** | **VER and LENGTH are mutually exclusive** |
| **Explanation** | The VER parameter and the LENGTH parameter may not be specified at the same time. |
| **Action** | Specify either VER or LENGTH, but not both. |

| | |
|---|---|
| **ERROR-125** | **OFFSET is bigger than BLOCKLENGTH** |
| **Explanation** | The OFFSET value specified is greater than the block length. |
| **Action** | Specify a smaller OFFSET value so that it falls within the block. |

| | |
|---|---|
| **ERROR-126** | **Verify not matched, string was: {string}** |
| **Explanation** | The VER value specified did not match. |
| **Action** | Specify the correct VER value and rerun the job. |

| | |
|---|---|
| **ERROR-127** | **{offset} plus {length-of-verification} exceeds block length** |
| **Explanation** | The of the two values *offset* plus the *length-of-verifcation* string exceeds the maximum block size of the RABN being modified. |
| **Action** | Check your VER value and specify an offset and a string that falls completely within the block. |

| | |
|---|---|
| **WARNING-128** | **End of block reached** |
| **Explanation** | During a list function, the offset plus the length specified exceeded the block size. |
| **Action** | No action is required for this warning message. |

# 101 ADAZIN Utility Messages

**ERROR-121** **Cannot specify MODRANGE in conjunction with MOD**

**Explanation** The MODRANGE and MOD parameters were specified in the same ADAZIN utility run. These parameters are mutually exclusive; only one of them can be specified in the run.

**Action** Correct the ADAZIN parameters and rerun the job.

**ERROR-122** **Invalid MODRANGE value**

**Explanation** The range of values specified in the MODRANGE parameter of an ADAZIN utility run is invalid.

**Action** Correct the MODRANGE parameter and rerun the job.

**ERROR-124** **System error = x'{sys-code}' returned during execution of IOR function x'94'**

**Explanation** The ADAZIN utility makes use of an internal Adabas component ADAIOR. An error occurred in ADAIOR processing.

**Action** Contact your technical support representative for assistance.

**ERROR-126** **SVC numbers must be in the range 200-255**

**Explanation** The SVC numbers specified by the SVC or SVCRANGE parameters in an ADAZIN utility run are invalid. SVC numbers specified by these two parameters must be in the range 200-255 (inclusive)

**Action** Correct the SVC or SVCRANGE parameter and rerun the job.

| | |
|---|---|
| **ERROR-127** | **Invalid SVCRANGE value** |
| **Explanation** | The range of values specified in the SVCRANGE parameter of an ADAZIN utility run is invalid. |
| **Action** | Correct the SVCRANGE parameter and rerun the job. |

| | |
|---|---|
| **WARNING-123** | **Running non APF-authorized.**<br>**Module information may be inconsistent with target library** |
| **Explanation** | The load library specified by the DDZIN DD statement identifies a load library that is not APF-authorized. Any modules already loaded will not be loaded for this ADAZIN utility run. Processing continues, but the module information in the resulting ADAZIN report may not be consistent with the modules included in the DDZIN load library. |
| **Action** | No action is required for this warning message. However, if you make sure that all load libraries are APF-authorized, your ADAZIN reports will be more complete. |

| | |
|---|---|
| **ZIN128** | **Cannot specify MODRANGE/MOD in conjunction with NOMOD.**<br>**NOMOD parameter will be ignored.** |
| **Explanation** | The NOMOD parameter was specified in the same ADAZIN run as either the MODRANGE or MOD parameter. The MODRANGE, MOD, and NOMOD parameters are mutually exclusive in an ADAZIN run. The NOMOD parameter is ignored for the run. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **ZIN129** | **For {member_name} V/R/S and ZAP status cannot be identified.**<br>**{member-name lib_concat_num}** |
| **Explanation** | The version number and zap status of the member listed in the message cannot be determined. |
| **Action** | Verify that you have specified valid member names for the run. If you have and if this problem persists, contact your technical support representative for assistance. |

| | |
|---|---|
| **ZIN130** | **{module_name} specified in parameter {parm-name} does not exist in library.** |
| **Explanation** | The module name listed in the message and specified by the parameter listed in the message does not exist in the library specified in the ADAZIN job. |
| **Action** | Verify that the correct module names are specified in the job and that the library is specified correctly. If the problem persists, contact your technical support representative for assistance. |

**ZIN131** **Insufficient memory to build the member list of the library.**
**List has been truncated.**
**Increase NUMMODS parameter and rerun the job.**

**Explanation** Insufficient memory was available to process the members listed for an ADAZIN run.

**Action** Increase the NUMMODS parameter to handle all of the specified members or reduce the number of members in the ADAZIN run. Then try again.

**ZIN132** **Cannot specify SVCRANGE/SVC in conjunction with NOSVC.**
**NOSVC parameter will be ignored.**

**Explanation** The NOSVC parameter was specified in the same ADAZIN run as either the SVCRANGE or SVC parameter. The SVCRANGE, SVC, and NOSVC parameters are mutually exclusive in an ADAZIN run. The NOMOD parameter is ignored for the run.

**Action** No action is required for this informational message.

**ZIN133** **SVCnn ignored. SVC numbers must be in range 200-255.**

**Explanation** An SVC number was specified in the SVC or SVCRANGE parameter that was out of the 200-255 range of SVC numbers.

**Action** Correct the SVC number and rerun the job.

**ZIN134** **SVCnn is not a valid Adabas SVC routine**

**Explanation** An invalid SVC number was specified in the SVC or SVCRANGE parameter.

**Action** Correct the SVC number and rerun the job.

**ZIN135** **+{nn dsname}**

**Explanation** The library concatenation number and the data set name for the ADAZIN run are given in the message.

**Action** No action is required for this informational message.

**ZIN136** **No unexcluded modules found in this range**

**Explanation** No unexcluded modules were found in the range specified by the MODRANGE parameter.

**Action** No action is required for this informational message.

| | |
|---|---|
| **ZIN137** | **For {xxxxxxxx} (+{nn}), refer to the Zap status of {yyyyyyyy} (+{nn})** |
| **Explanation** | To view the zap status for module *xxxxxxxx* in data set concatenation number *nn*, refer to the previously displayed zap status for the associated module *yyyyyyyy*, also in data set concatenation number *nn*. |
| **Action** | No action is required for this informational message. |

| | |
|---|---|
| **ZIN138** | **For {xxxxxxxx} (+{mm}), inconsistent data set with {yyyyyyyy} (+{nn})** |
| **Explanation** | The zap status for module *xxxxxxxx* in data set concatenation number *mm* is unknown, because the associated module *yyyyyyyy* is from a different data set concatenation number *nn*. |
| **Action** | Ensure that all associated product modules are available in the same data set concatenation number. |

| | |
|---|---|
| **ZIN139** | **For {xxxxxxxx} (+{mm}), inconsistent build version with {yyyyyyyy} (+{nn})** |
| **Explanation** | The zap status for module *xxxxxxxx* in data set concatenation number *mm* is unknown, because the associated module *yyyyyyyy* in library concatenation *nn* is not of the same version. |
| **Action** | Ensure that all associated product modules are of the same version. |

| | |
|---|---|
| **ZIN140** | **For {xxxxxxxx} (+{nn}), {yyyyyyyy} (+{nn}) is required, but not available** |
| **Explanation** | The zap status for module *xxxxxxxx* in library concatenation *nn* is unknown, because the associated module *yyyyyyyy* is not available in data set concatenation *nn*. |
| **Action** | All associated product modules must be available in the same data set concatenation number. |

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