Adabas

Messages and Codes

Version 8.5.3

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ADABAS & NATURAL

Table of Contents

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. Data set names starting with DD are referred to in Adabas manuals with a slash separating the DD from the remainder of the data set name to accommodate z/VSE data set names that do not contain the DD prefix. The slash is not part of the data set name.

2. 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*.

3. 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.
DCAM Feedback Codes	Describes DCAM feedback codes (the first non-zero bytes) used with Entire Net-Work DCAM Communication.
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 AG Mainframe Licensing Error Messages	Describes error messages issued by Software AG's mainframe licensing software and the license utility (LICUTIL).
SNA Sense Codes	Describes the popular SNA sense codes used in conjunction with a DCAM/VTAM link and TRANSIT/CD in Entire Net-Work DCAM 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 Analytics Messages*	Describes Adabas Analytics messages.
ADACM - ADATCP Messages*	Describes the ADATCP messages used with Entire Net-Work.
ADAD Abend Code Messages*	Describes the abend code messages.
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.
ADAJ System Messages*	Describes Adabas system messages with an ADAJ prefix.
ADAK System Messages*	Describes Adabas system messages with an ADAL 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.
ADASIP* (Adabas z/VSE SVC) System Messages	Describes Adabas z/VSE SVC system messages.
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.
APSPSX* - ADAECS or ADATCP Messages	Describes the APSPSX*, ADAECS, and ADATCP messages related to conversion.
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*.
ARST* - Adabas Review Hub Messages	Describes Adabas Review hub system messages beginning with the prefix ARST*.
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.
MLC - Software AG Mainframe Licensing Error Messages*		Describes error messages issued by Software AG'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 - PRILOG6 Print Program Messages*		Describes Adabas PRILOG6 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
SAGE - z/VSE Batch Job Exit Utility Messages*		Describes Software AG job exit utility (batch) messages for z/VSE systems.
SAGI - Batch Initialization Messages (z/VSE Only)*		Describes batch initialization messages for z/VSE systems.
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.
Utility Messages and Codes	*Utility Return Codes*	Describes return codes issued by Adabas utilities.

	Errors Common to All Utilities **(ERROR-001 through ERROR-120)**	Describes common Adabas utility error messages.
	ADAACK Error Messages	Describes ADAACK utility 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
	ADADCK Error Messages	Describes ADADCK utility messages
	ADADEF Utility Messages	Describes ADADEF utility messages
	ADADRU Utility Messages	Describes ADADRU utility messages
	ADAFRM Utility Messages	Describes ADAFRM utility messages
	ADAICK Error Messages	Describes ADAICK 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
	ADAPRI Error Messages	Describes ADAPRI 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
	ADAVAL Error Messages	Describes ADAVAL 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

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: Variables for which you must supply values specific to your own situation or environment. New terms the first time they occur in the text. References to other documentation sources.
`Monospace font`	Identifies: Text you must type in. Messages displayed by the system. 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**.

In addition, you can also access the cloud product documentation via **https://www.software-ag.cloud**. Navigate to the desired product and then, depending on your solution, go to "Developer Center", "User Center" or "Documentation".

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Tech Community

You can collaborate with Software AG experts on our Tech Community website at **https://tech-community.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 AG 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 AG 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 DCAM feedback codes and SNA sense codes are described in *DCAM Feedback Codes* and *SNA Sense Codes* respectively.

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)*
ADAD*	Abend code messages	*ADAD* Abend Code Messages*
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*
ADAJ*	Adabas system messages	*ADAJ* 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*

Prefix	Description	Read
ADAQ*	Adabas Review Hub system messages	*ADAQ* - Adabas Review Hub Messages*
ADAR*	Adabas system messages	*ADAR* System Messages*
ADAS*	Adabas SVC system messages	*ADAS* (Adabas SVC) System Messages*
ADASIP*	Adabas z/VSE SVC system messages	*ADASIP* (Adabas z/VSE 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*
APSPSX*	ADAECS or ADATCP messages	*APSPSX* - ADAECS or ADATCP 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*
ARST*	Adabas Review hub system messages beginning with the prefix ARST*.	*ARST* - Adabas Review Hub Messages*
ARVU*	Adabas Review hub system messages beginning with the prefix ARVU*.	*ARVU - Adabas Review Hub 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-*	ADAACK utility messages	*ADAACK Error Messages*
	ADACDC utility messages	*ADACDC Utility Messages*
	ADACMP utility messages	*ADACMP Utility Messages*
	ADACNV utility messages	*ADACNV Utility Messages*
	ADADBS utility messages	*ADADBS Utility Messages*
	ADADCK utility messages	*ADADCK Error Messages*
	ADADEF utility messages	*ADADEF Utility Messages*
	ADAFRM utility messages	*ADAFRM Utility Messages*
	ADAICK utility messages	*ADAICK Error 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*
	ADAPRI utility messages	*ADAPRI Error 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*
	ADAVAL utility messages	*ADAVAL Error Messages*

Prefix	Description	Read
	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*
MLC*	Software AG mainframe license processing or license utility (LICUTIL) error messages	*Software AG 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 PRILOG6 print program messages	*PL6* - PRILOG6 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*
SAGE*	Software AG job exit utility (batch) messages for z/VSE systems	*SAGE* - z/VSE Batch Job Exit Utility Messages*
SAGI*	Batch initialization messages for z/VSE systems	*SAGI* - Batch Initialization Messages (z/VSE Only)*
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*
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)*
	ADAD*	*ADAD* Abend Code Messages*
	ADAH*	*ADAH* Dump Formatter Status Messages*
	ADAI*	*ADAI* - ADAIOR System Messages*
	ADAJ*	*ADAJ* 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*
	ADASIP*	*ADASIP* (Adabas z/VSE SVC) System Messages*
	ADASM*	*ADASM* Adabas SMF Processing Messages*
	ADAU*	*ADAU* Utility Status Messages*
	APSPSX*	*APSPSX* - ADAECS or ADATCP Messages*
	CHK*	*ADACHK Utility CHK* Messages*
	COX*	*COX* Universal Encoding System Conversion (UES) Errors*

Product	Prefix	Read
	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-*	*ADAACK Error Messages*
	ERROR-121 through ERROR-*	*ADACDC Utility Messages*
	ERROR-121 through ERROR-*	*ADACMP Utility Messages*
	ERROR-121 through ERROR-*	*ADACNV Utility Messages*
	ERROR-121 through ERROR-*	*ADADBS Utility Messages*
	ERROR-121 through ERROR-*	*ADADCK Error Messages*
	ERROR-121 through ERROR-*	*ADADEF Utility Messages*
	ERROR-121 through ERROR-*	*ADAFRM Utility Messages*
	ERROR-121 through ERROR-*	*ADAICK Error 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-*	*ADAPRI Error Messages*

Product	Prefix	Read
	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-*	*ADAVAL Error Messages*
	ERROR-121 through ERROR-*	*ADAWRK Utility Messages*
	ERROR-121 through ERROR-*	*ADAZAP Utility Messages*
	ERROR-121 through ERROR-*	*ADAZIN Utility Messages*
	MLC*	*Software AG Licensing Messages*
	PARM-ERROR*	*Nucleus Startup Error Messages*
	PLI*	*PLI* - ADACOM Initialization Messages*
	PLX*	*PLX* - ADACLU Messages*
	PL6*	*PL6* - PRILOG6 Print Program Messages*
	SAGE*	*SAGE* - z/VSE Batch Job Exit Utility Messages*
	SAGI*	*SAGI* - Batch Initialization Messages (z/VSE Only)*
	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*

Product	Prefix	Read	
	—	*Utility Return Codes*	
	—	*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*	
	ARST*	*ARST* - 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*	

Product	Prefix	Read
	SEFM*	*SEFM* - ADASAF SAF Interface and SAF Security Kernel Messages*
	—	*SAF Return Codes*
	—	*SAF Internal Function Codes*
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/JCS) 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-12	**Invalid CMDQMODE = operand (above, below)**
Explanation	BS2000 only. The CMDQMODE parameter specified an incorrect syntax option.
Action	Job terminates. Set the correct parameter value.

Error-13	**Invalid TAPEREL = operand (NO, RELEASE, KEEP, UNLOAD, KEEPUNL)**
Explanation	BS2000 only. The TAPEREL parameter specified an incorrect syntax option.
Action	Job terminates. Set the correct parameter value.

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:
	▪ CLUSTER=SYSPLEX or CLUSTER=LOCAL and NUCID=0; or
	▪ CLUSTER=NO (default) but NUCID is nonzero.
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.
	▪ 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.
	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.

Error-31	**IDTNAME does not start "ADA"**
Explanation	This is a BS2000 only error. The user has defined the IDTNAME or the ENVNAME in the SSFB2C parameter module which does not begin with "ADA". This will lead to a failure in communication between Client applications and nucleus.
Action	Correct the IDTNAME in the ADARUN parameter list so that it begins with "ADA" and restart the nucleus.

Error-32	**SWITCHNR out of range 0 - 31**
Explanation	ADARUN detected an inconsistent Adabas BS2000 parameter. The job switch number to be set when a non-zero return code occurs is out of the range of 1 to 31.
Action	Correct the error and rerun the job.

Error-33	**SUBMPSZ needs to be higher than x100000**
Explanation	ADARUN detected an inconsistent Adabas BS2000 parameter. The size of the declared subtask memory pool is too small.
Action	Correct the error and rerun the job.

Error-34	**PAMREQS must be a value > 0**
Explanation	ADARUN detected an inconsistent Adabas BS2000 parameter. The maximum number of PAM blocks sent in one PAM macro must be greater than zero.
Action	Correct the error and rerun the job.

WARNING 26	**Parameter AMODE out of service**
Explanation	BS2000 only. ADARUN statement AMODE=31 detected. This parameter has been removed from Adabas. Targets that use SSF must run in AMODE 31.
Action	The job continues. Remove AMODE= from your ADARUN statements.

WARNING 27	**Parameter IDTMODE out of service**
Explanation	BS2000 only. IDTMODE=ABOVE statement detected. This parameter has been removed from Adabas. IDTs created by SSF are allocated above the 16-megabyte line.
Action	The job continues. Remove IDTMODE= from your ADARUN statements.

WARNING 28	**Parameter NECB out of service**
Explanation	BS2000 only. NECB= statement detected. This parameter has been removed from Adabas. The posted ECB queue can no longer overflow.
Action	Job continues. Remove NECB= from your ADARUN statements.

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 DD/SIBA 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 DD/SAVE and at SAVE-operation end.
0A	SYNV	ADASAV	SAVE database, VOLSER entry. Written at volume switch on DD/SAVE 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

V

7 Adabas Console Messages (ADAN* & ADACM*)

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 ǀ multi}** **Running {with ǀ without} recovery-log**
Explanation	The Adabas nucleus at release level *v . r . s* has been initiated successfully. Multi- or single-user mode is indicated, and whether the nucleus is running with or without the Adabas Recovery Aid (ADARAI) log.

ADAN02	**Nucleus-run {with ǀ 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 DD/PLOGR*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 DD/PLOGR*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: - **A**: ET user reading the file or access-only user (ACC) - **F**: Exclusive file control (EXF) - **P**: Privileged (utilities and Adabas Online System) - **S**: Online file save - **U**: ET user updating the file (UPD) - **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.
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.

Message Substitutions	Description
status	The user status: ■ **ET**: ET logic user at ET status ■ **Heur**: Two-phase commit transaction heuristically terminated ■ **HR-BT**: Two-phase commit transaction heuristically backed out ■ **HR-ET**: Two-phase commit transaction heuristically committed ■ **OK**: None of the above ■ **PET**: Two-phase commit transaction with preliminary ET done, waiting for final ET. ■ **T-Out**: User timed out, response code 9 pending ■ **Trans**: ET logic user in a transaction (holding ISNs) ■ **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: ■ **2PC**: ET logic user during two-phase commit ■ **ACC**: Access-only user ■ **ET**: ET logic user ■ **EXF**: Exclusive file control user ■ **EXU**: Exclusive-update file control user ■ **UTI**: Utility or Adabas Online System (AOS) user
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: ■ **Done**: The command is complete and waiting for the user to retrieve the results. ■ **Commit**: An ET command is waiting for protection data to be written to the Work data set and the PLOG. ■ **Wait-I**: The command is waiting for an ISN held by another user. ■ **Wait-S**: The command is waiting for space in the workpool. ■ **Wait-C**: The command is waiting for other commands. ■ **Trig**: A precommand triggered procedure is running. ■ **Ready**: The command is ready to be selected. ■ **Active**: The command is being processed. ■ **None**: The command status cannot be determined. This may occur when the CQE is being built or released.

Message Substitutions	Description
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 Software AG 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 DD/PLOGRN started**

Explanation Adabas is now ready to begin writing data protection information to the dual or multiple data protection log identified by DD/PLOGRn.

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	**message**
Explanation	

Message	Explanation
release DE Release done, FNR=*fnr* DE=*de*	The Release Descriptor function at the end of an aborted online invert process has released the descriptor shown for the file shown.
Release DE terminated due to error File will be locked completely FNR=*fnr* DE=*de* RESPONSE=*rsp*	The Release Descriptor function at the end of an aborted online invert process has failed with the response code shown. The file is locked.
release DE 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 executed on all component files of the expanded file.

ADAN28   **Resource Size Current Highwater**

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 session for the following resources:

Resource Name	Description	Associated Parameter
AB - Pool	Attached buffer table.	NAB
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. This is only displayed for Adabas cluster environments.	LRDP
RPL - Pool	Replication pool. This is only displayed for Event Replicator for Adabas environments.	LRPL
Sec - Pool	Security pool.	LCP
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. **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. This is only displayed for Adabas cluster environments.	CLUWORK1CACHE
Work Part2	Work Part 2.	LWKP2
Work Part3	Work Part 3.	
XID -Pool	XID -Pool.	NU

Resource Name	Description	Associated Parameter
	This is only displayed for Adabas Transaction Manager environments.	

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.

```
17:32:07 ADAN28 00035 2016-11-29 17:32:05 Resource      Size     ↵
   Current    Highwater
17:32:07 ADAN28 00035 2016-11-29 17:32:05 AB  -Pool    1228800   ↵
      N/A       1536
17:32:07 ADAN28 00035 2016-11-29 17:32:05 CQ  -Pool      96000   ↵
      0         192
17:32:07 ADAN28 00035 2016-11-29 17:32:05 DUQ -Pool       7000   ↵
      0           0
17:32:07 ADAN28 00035 2016-11-29 17:32:05 FI  -Pool     100000   ↵
      0         160
17:32:07 ADAN28 00035 2016-11-29 17:32:05 HQ  -Pool     416000   ↵
      0        5200
17:32:07 ADAN28 00035 2016-11-29 17:32:05 Redo-Pool  10485760   ↵
      0         176
17:32:07 ADAN28 00035 2016-11-29 17:32:05 Sec -Pool      10000   ↵
      0           0
17:32:07 ADAN28 00035 2016-11-29 17:32:05 TBI -Pool       4000   ↵
      0           0
17:32:07 ADAN28 00035 2016-11-29 17:32:05 TBS -Pool      30000   ↵
      0           0
17:32:07 ADAN28 00035 2016-11-29 17:32:05 UQ  -Pool     183456   ↵
   1092        1456
17:32:07 ADAN28 00035 2016-11-29 17:32:05 UQF -Pool      48384   ↵
     72         144
17:32:07 ADAN28 00035 2016-11-29 17:32:05 Wrk1-IO B       50   ↵
      0           5
17:32:07 ADAN28 00035 2016-11-29 17:32:05 WORK-Pool   5242880   ↵
    128       34584
17:32:07 ADAN28 00035 2016-11-29 17:32:05 Work Part1     1200   ↵
      0           7
17:32:07 ADAN28 00035 2016-11-29 17:32:05 Work Pt 1b       4   ↵
      4           4
17:32:07 ADAN28 00035 2016-11-29 17:32:05 Work Part2       20   ↵
      0           0
17:32:07 ADAN28 00035 2016-11-29 17:32:05 Work Part3      270   ↵
      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	Software AG recommends 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.

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. ■ ACC=*u*: Number of users reading the file. ■ UPD=*u*: Number of users updating the file. ■ EXU=*u*: Number of users with exclusive update access to the file. ■ 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 AG 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 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".) 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 Software AG 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 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 Software AG 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.
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.

ADAN46 Message Text	Explanation	Action
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.
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	

ADAN46 Message Text	Explanation	Action
	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 Software AG 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]** **r{egister-00 register-01 register-02 register-03 (r0-r3)}** **{register-04 register-05 register-06 register-07 (r4-r7)}** **{register-08 register-09 register-10 register-11 (r8-rb)}** **{register-12 register-13 register-14 register-15 (rc-rf)}**
Explanation	An internal error occurred that caused the nucleus to terminate abnormally. The message shows the abend code and the address, if possible also the module and offset, where the error was detected, as well as the contents of the general registers at that time.
Action	Contact your Software AG 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.

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 Software AG 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 Software AG 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 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 Software AG 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 Software AG 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 Software AG 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 DD/PRINT 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.
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 Software AG 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.

Message Substitutions	Description
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	**ECS error {error-code} in function {ecs-function}**
Explanation	ECS is the Entire Conversion Services, 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 ECS component are described in *Universal Encoding System (UES) Component Error Codes*, elsewhere in this guide.

The following ECS functions may return errors:

ECS Function	Description
ECS LOAD	An error loading ECS. Check that the ECS 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.
APS INIT	An error occurred during APS (POSIX Services) initialization. Verify that the APS library is in the load library concatenation and/or that the APS parameters are specified in SYSPARM.
SLIBLOAD	An error loading SAGECS, SAGOVO, or SAGSMP2. Check that these modules from the Software AG base technology library can be found in the load library concatenation.
DDECSOJ	An error occurred during initialization while reading ECS standard conversion objects. Check that the nonexecutable binary ECS conversion object library is specified in the DDECSOJ DD statement of the JCL.
GETHANDLE *nnnn*	An error occurred reading the ECS encoding descriptor object EDDnnnn. Check that the nonexecutable binary ECS conversion object library is specified in the DDECSOJ DD statement of the JCL. Check that EDDnnnn is contained in the library. If it is not, then either an invalid number was specified or the object is missing and must be added.
GETHANDLE *mmmm*/*nnnn*	See the GETHANDLE *nnnn* explanation. In this case, an ECS plane table object (PTO) is missing T*xxx*2*yyy* where *xxx* or *yyy* are the hexadecimal value of the decimal *mmmm* or *nnnn*, respectively. For some conversion combinations, it may be necessary to request additional PTOs from your Software AG support representative.

Action	Resolve the problem and try again.

ADAN7C	**Entire conversion services {v.r.s }initialized**
Explanation	The specified version of Entire Conversion Services 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 DD/PRINT 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 AG 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 AG 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 1M large page support available**
Explanation	Adabas Caching Facility determined that 64-bit virtual storage that 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 2GB large page support available**
Explanation	Adabas Caching Facility determined that 64-bit virtual storage that 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.

ADAN80	**ADACSH active for work part 2 and work part 3 only**
Explanation	In an Adabas nucleus cluster environment prior to version 7.2, caching is available only for Work parts 2 and 3.
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	Increase the number of user queue elements using the ADARUN NU

Message Text	Explanation	Action
	small to receive all file definitions found on DDWORKR4.	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 used an invalid DD statement. The nucleus will not come up.	Correct the DD statement and rerun the job.
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. Because the nucleus cannot reestablish the previous environment and cannot terminate the incomplete transaction(s) heuristically, it terminates.	Increase the size of the Work part 4 area using the ADARUN LDTP parameter and rerun the job.

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 Software AG 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) 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	No action is required for this informational message.

Message Text	Explanation	Action
	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 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.	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 AG's Empower site (*https://empower.softwareag.com/default.asp*).
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	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 AG's Empower site (*https://empower.softwareag.com/default.asp*).

Message Text	Explanation	Action
	transactions and then shut down.	
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 format. Furthermore, the data records exclusively locked by the transaction, identified by their file number/ISN pairs, are listed.	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 AG's Empower site (*https://empower.softwareag.com/default.asp*).

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 Software AG 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, partition, or address space 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; 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, partition, or address space 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.
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	G64] storage [NOT] backed by [1M	2G] large pages**
Explanation	The Adabas Caching Facility attempted to allocate 64-bit virtual storage backed by non-pageable large pages. The storage was allocated either for an L64 cache space backed by 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 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; 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
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 Software AG
                    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+{xxxxxxxx}**

Explanation A logic error occurred during Adabas Caching Facility processing.

Action Report the error and the hexadecimal offset to your Software AG 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 Software AG 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 JCS/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 {xxxxxxxxxxxxxxxx}** **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 {xxxxxxxxxxxxxxxx} 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/link statement. Where *ddname* is the DD/link 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 AG.

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

Explanation   An empty file or invalid record structure was detected. Where *ddname* is the DD/link 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 AG 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 Software AG 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 AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 DCAM Feedback Codes

8 DCAM Feedback Codes

Code	Explanation
0C04	Application not connected with partner. LOSCON contingency processing is probably pending.
0C40	Connection was refused by partner without reason. With TRANSIT-CD (Entire Net-Work VTAM): Line was deactivated (INACT); e.g., /DADM PX25,vr,RESET,vr11r7.
0C48	Time-out for connection request. With TRANSIT-CD (Entire Net-Work VTAM): Cross-domain session did not notice IPL on IBM side; e.g., /DADM PNET,vr,ACT,siehost,siegat.
0C4C	DCAM partner application not active.
0C5CXX	OPNCON was rejected by partner: ■ 00: ■ 18: Application not active on SISNIX (via HDLC). ISO=Y on X.25 link. ■ 2: Partner rejects connection; partner has different information (NAME) for this application; or ISO application wanted to connect to a non-ISO application. ■ 5C: Application not active via X.25; or an X.25 "call-user-data" was probably required.
0C78	Immediately after connection installation, the partner or system disconnected. ISO parameter missing.
1840	Invalid processor name: ■ Check that the processor name is in RDDF; ■ Issue a /BCIN command.
100408	BDCAM buffer shortage. DCAM driver waits for 5 seconds and retries operation. When GO signal is not used. retry is scheduled after DCAM has given the GO signal.
10040C	BDCAM buffer shortage. Wait for GO signal.

VII

9 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 DD/WORKR1 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	If you have Adabas Transaction Manager version 7.4 or earlier installed, 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), Work part 3 (minimum of 50 blocks), and, if used, Work part 4 (the LDTP parameter).
	If you have Adabas Transaction Manager version 7.5 or later installed, 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 version 7.2 or above nucleus without first formatting the protection logs (PLOGs). PLOGs must be formatted when converting to version 7.2 or above.

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	If you have Adabas Transaction Manager version 7.4 or earlier 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.
- LDTP (Work part 4) specified with a nonzero value is not allowed.

If it is necessary for some reason to hold data about incomplete transactions in the TM, LDTP with a nonzero value can be specified but IGNDTP=YES must also be specified. The IGNDTP parameter is for emergency use only and should only be used in consultation with your Software AG technical support representative.

Caution: Whenever the data on Work part 4 is ignored, the integrity of the incomplete global transactions that are related to that data cannot be guaranteed.

If you have Adabas Transaction Manager version 7.5 or later 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   If you have Adabas Transaction Manager version 7.4 or earlier 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.

If you have Adabas Transaction Manager version 7.5 or later 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	Entire Conversion Services (ECS) initialization failed.

PARM-ERROR 88

Explanation	A database that uses Universal Encoding Support (UES) needs a version 7 or above Adabas router. If the database uses UES features, it cannot work with an Adabas router (ADASVC) version 6.2 or below.
Action	Install a version 7.1 or above router (ADASVC).

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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative.

PARM-ERROR 99

Explanation	Internal error.
Action	Contact your Software AG 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 Software AG 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 119

Explanation	Autoincrease ADARUN parameters are only permitted in z/OS environments. An attempt to use one or more AUTOINC* parameters was made in a non-z/OS environment.
Action	Remove the AUTOINC* parameters from the ADARUN input or set the values to zero.

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 Software AG 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.

10 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 your Adabas technical support representative.

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 Sx 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).
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: ■ A partitioned file end-of-file or end-of-list condition was detected. ■ None of the partitions were available/online and all of them have the file parameter `Critical` set to NO. *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. *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. *Action:* Correct the cause of the timeout, then restart the transaction.
3	The transaction was backed out and one of the following occured: ■ The transaction non-activity time limit (TNAE, TNAX, or TNAA) has been exceeded. ■ 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. ■ 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. ■ A potential dead lock situation was detected and in that moment was signaled as response code 145 subcode 9. The following Adabas call then gets response code 9 subcode 3. *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. *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. *Action:* (In the application program:) Redo the OP command with the ETID specified in the Additions 1 field to reacquire the user ID. Contact your Software AG technical support representative.
18	The user's active transaction was interrupted and backed out because a peer nucleus in an Adabas cluster terminated abnormally. *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. *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. *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. *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. *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. *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. *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. *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. *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. *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. 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. Check that the outcome of the session's Adabas changes, in its previous transaction, was consistent with its changes to non-Adabas resources. 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 your Software AG support representative.
74	This subcode is issued by Adabas Transaction Manager. 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. Issue a new OP command to the database.
75	This subcode is issued by Adabas Transaction Manager. 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. 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. 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. 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. 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. 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. 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. 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. The client session was not at ET status in the target database. Backout of the incomplete transaction was attempted. Restart the transaction.
81	This subcode is issued by Adabas Transaction Manager. A memory shortage in the ATM transaction manager's address space caused the current global transaction to be backed out. 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. A memory shortage occurred in the ATM transaction manager's address space, and ATM attempted to back out the current global transaction. 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. An error occurred during a commit or backout operation for a global transaction. ATM attempted to back the transaction out. If the cause of the error is not apparent from console messages, contact your Software AG technical support representative.
84	This subcode is issued by Adabas Transaction Manager. 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. The client should issue a `CL` command to each open database; then re-open.
85	This subcode is issued by Adabas Transaction Manager. The global transaction time limit (`TMGTT`) has been exceeded, and an attempt has been made to back out the global transaction. Correct the cause of the timeout, then restart the transaction.
86	This subcode is issued by Adabas Transaction Manager. The global transaction time limit (`TMGTT`) has been exceeded, and the global transaction has been backed out. Correct the cause of the timeout, then restart the transaction.
90	This subcode is issued by Adabas Transaction Manager. 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. Close the client's sessions and start them again.
91	This subcode is issued by Adabas Transaction Manager. 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. Restart the transaction when all required target databases are available.
92	This subcode is issued by Adabas Transaction Manager. 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. Restart the transaction when all required target databases are available.

Subcode	Meaning
93	This subcode is issued by Adabas Transaction Manager. 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. 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. 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. 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. The client session's transaction was controlled by an external transaction coordinator, which reported that the transaction has been backed out. Restart the transaction.
96	This subcode is issued by Adabas Transaction Manager. 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. Restart the transaction.
97	This subcode is issued by Adabas Transaction Manager. 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. This can occur if all of the following are true: ■ Natural is being used, in such a way that two Adabas sessions are maintained for each client; ■ The client control `Transaction Model` is set to MESSAGE; ■ Natural parameters are set such that Natural might not generate `OP` commands for all database sessions. 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: ■ Natural is being used, in such a way that two Adabas sessions are maintained for each client; ■ The Adabas System Coordinator has timed out Natural's "system" session. In this case, a new Natural LOGON might clear the condition. Otherwise terminate the session and start a new session. If the error persists, contact your Software AG support representative.
98	This subcode is issued by Adabas Transaction Manager. 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. Examine the results of the transaction. If necessary, correct the result by manual intervention.
99	This subcode is issued by Adabas Transaction Manager. The client session incurred a security response code; ATM backed out the user's changes. 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 for one of the following reasons: ■ The client is using multiple (different) ETIDs which have collided against a particular database. *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 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. *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. *Action:* Change the program to avoid the access.

Subcode	Meaning
4	One of the following occurred: ■ The specified file number is invalid. The file number might be equal to "0" or greater than the maximum allowed. ■ 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. 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. 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. 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. *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. 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 (ECSE). On open systems, a two-byte file number was used against a lower version database that does not support large file numbers.
22	On mainframe systems, the required ECS objects needed for conversion between user and system data representation could not be loaded. On open systems, the file control block (FCB) is invalid (corrupted).
23	ECS object could not be located. The following objects must be available in the encoding objects library: File Alpha, File Wide EDD, User Alpha, User Wide EDD, and the PTOs for the combinations between file/user alpha/wide encodings. *Action:* Check that the required EDD and PTO objects are available.
24	ECS function get_attribute() failed. *Action:* The function's return code is logged with the nucleus message ADAN7A.
25	One of the following occurred: - A required encoding attribute was missing in an ECS object (encoding type, class, and flags) - The default space character length was > 4 - Default space table allocation failed - If DBCS-only plane exists, wide space character was undefined, or the length > 4, or wide space table allocation failed
29	An Adabas Review communication error has occurred. Contact your Software AG support representative.
52	A non-Adabas target was called.
99	The file's FTD is corrupted. *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: ■ 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 can not be satisfied with a "no data" response such as RSP003. 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. *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): ■ 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. ■ One or both of the ISN lists referred to in the ADDITIONS 1 field of an S8 command do not exist. *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	The nucleus detected an invalid command code.
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.
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.

Subcode	Meaning
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. 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: ■ A BT command was issued by a non-ET logic user. ■ 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: ■ The last MC subcommand is not ET. ■ 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: ■ An ET or CL command with user data is not allowed for read-only access to a database. ■ 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.
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.
28	A replicated utility may not be executed for a replicated file when the Adabas nucleus is running in single-user mode.

Subcode	Meaning
29	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.
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"). On open systems, the command option "S" is not allowed for an S9 command with a non-blank Additions 4 field.
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. 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.

Subcode	Meaning
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.
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. *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. *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 work space 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 work space 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: ■ An invalid edit mask number (greater than 15) was specified. ■ A syntax error in the conditional format criteron was found. ■ 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 `fldD`, `fldL`, `fld,*` or `E(date-time-mask)` notation.
9	Elementary field in PE group: 1-N notation not permitted with LOB (LB) fields or `fldD` notations.
10	A LOB (LB) field, `fldL` (length indicator notation) or `fld,*` (asterisk notation) are not permitted with an L9 command.
11	A length indicator (`fldL`) 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 `fldC,*` (count indicator) or `flda-fldb,*` (field series notation).
14	Asterisk notation and length indicator notation combinations (`fldL,*`) are not permitted.
15	SQL significance indicator and asterisk notation combinations (`fldS,*`) are not permitted.
16	Length indicator (`fldL`), asterisk notation (`fld,*`) or daylight savings time indicator notation (`fldD`) 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. *Action:* Increase the LWP specification and retry .
2	The internal format buffer was too small to store a user format (translated into internal structure). *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): ■ Format buffer contains overlapping fields, e.g., GL1-3, GL2-4.; ■ Format buffer contains an 1-N element, e.g., GL1-N.; ■ There is not a 1:1 relation between an L element and the subsequent corresponding element with '*' length; ■ 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 your Software AG technical support representative 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.
	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. *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. 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. 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". Depending on the transaction coordinator, you may have a choice of actions: ■ Wait for the external transaction coordinator to complete or back out the existing transaction. ■ Use the coordinator's facilities to force completion or removal of the transaction. ■ Restart the transaction coordinator to cause resynchronization of in-doubt transactions. ■ 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 your Software AG technical support representative 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 your Software AG technical support representative.

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 your Software AG technical support representative 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 your Software AG technical support representative for assistance.

Subcode	Meaning
34	I/O error on DD:TZINFO(MEMBER). Contact your Software AG technical support representative for assistance.
35	Invalid data in TZ file. Contact your Software AG technical support representative for assistance.
36	Invalid transition time in TZ file. Contact your Software AG technical support representative 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.
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. *Action:* If the record buffer size: ■ conflicts with the lengths specified in the format buffer, change either the record buffer size or the format buffer specifications to resolve the conflict. ■ conflicts with the established global format ID (GFID), either release the GFID or change the record buffer size to match the GFID. ■ 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. *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. *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. *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. *Action:* Verify that the record buffer content matches the given format and that sufficient space for variable fields is provided in the record buffer.
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. If this subcode occurs using ADACMP DECOMPRESS, the LRECL of the output record is too small.
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. *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: ■ Format conversion of a field with the NV option is not allowed. ■ 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.
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.

Subcode	Meaning
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.
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: ■ The length of a descriptor value was greater than 253. ■ Invalid file number specification. ■ Invalid selection criteria for an Event Replicator for Adabas initial-state definition. ■ Invalid usage of the "S" or "N" operator. ■ The element order was invalid. ■ The specified field was not a descriptor. ■ The specified field has the "LA" option active. ■ A descriptor contained in a periodic group was specified without an index. ■ Invalid connection of partial criteria or different indices were used for a descriptor contained within a periodic group. ■ Invalid periodic group index.

Subcode	Meaning
	■ Invalid or disallowed use of a phonetic descriptor.
	■ A descriptor derived from or contained in a periodic group is not allowed.
	■ The FROM-TO operator was specified with a phonetic descriptor.
	■ Invalid FROM-TO range specification, or the FROM value was greater than the TO value.
	■ The BUT-NOT value was outside the range of the preceding FROM-TO range.
	■ An invalid command option was specified for ISN LIST processing (S8 command).
	■ 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, the fourth byte contains more information about the error:

    - Fourth byte 1: 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 on the Adabas system (including checkpoint and security) files or because an error occurred in an AOS or utility function.

The following table shows some of the subcodes that may be returned:

Subcode	Meaning
61	No or duplicate field(s) (see 'xx'); where xx is the first duplicate field encountered. If no field definitions were specified an FC is returned.

Action   Refer to the ADAREP output report for a list of the system files, or to the subcodes in the job output for more information. For AOS, a subcode is displayed in the error message, following the AOS module number. For utility functions, the subcodes may be described within the message text.

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 your Software AG technical support representative for assistance.

Response 65

Origin   Mainframe systems only

Explanation   An internal error occurred. The nucleus detected a space calculation error.

Action   Contact your Software AG technical support representative 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 your Software AG technical support representative 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 your Software AG technical support representative 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 AG 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	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.

Subcode	Meaning
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 CDXn 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 your Software AG technical support representative 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 Software AG 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 work space 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	
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.	
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	

Subcode	Operation Encountering the Workpool Shortage	Action
	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".
21	Session cleanup error. This is an internal error in Adabas System Coordinator. *Action:* Contact your Software AG technical support representative.
22	You are using the CORS09 client component in a zIIP enabler for Natural environment and Natural zap NA97065 is not applied. *Action:* Apply Natural zap NA97065.
23	Session create error. This is probably due to insufficient memory. *Action:* Increase the job region size. If the problem persists, contact your Software AG technical support representative.
25	CAB: Allocation failed. Insufficient memory was available for CAB. This is an Adabas System Coordinator error. *Action:* Increase the job region size. **Note:** This subcode is not subject to COR Debug.
26	Incorrect use of asynchronous Adabas calls. *Action:* Contact your Software AG technical support representative. **Note:** This subcode is not subject to COR Debug.
28	Internal thread concurrency error. *Action:* Contact your Software AG technical support representative. **Note:** This subcode is not subject to COR Debug.
29	Internal command error: Value buffer is not present. *Action:* Contact your Software AG technical support representative.

Subcode	Meaning
30	Internal command error: Illegal function. *Action:* Contact your Software AG technical support representative.
31	Error allocating the internal job-structure. *Action:* Increase the job region size. If the problem persists, contact your Software AG technical support representative.
32	Internal command error: Insufficient record buffer. *Action:* Contact your Software AG technical support representative.
33	Internal command error: Record buffer is not present. *Action:* Contact your Software AG technical support representative.
34	Internal command error: Incorrect value buffer format. *Action:* Contact your Software AG technical support representative.
35	Memory allocation failure. Insufficient memory was available for an internal area needed for NIM support. This is an Adabas System Coordinator error. *Action:* Increase the job region size. **Note:** This subcode is not subject to COR Debug.
38	Internal command error: Unsupported memory function *Action:* Contact your Software AG technical support representative.
43	Initialization Error. An error occurred during job initialization in Adabas System Coordinator. *Action:* Ensure that correct runtime controls were defined for the job. If problem persists, contact Software AG 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. *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 your Software AG technical support representative for assistance.
49	Internal eventing error: Illegal request. *Action:* Contact your Software AG technical support representative.
50	Internal error processing add-on products. *Action:* Contact your Software AG technical support representative.

Subcode	Meaning
53	This job is not defined to use the daemon. *Action:* Review and correct the installation for this job.
54	Internal services error. *Action:* Contact your Software AG technical support representative.
55	Latency processing error. This is an internal error in Adabas System Coordinator. *Action:* Contact your Software AG technical support representative. **Note:** This subcode is not subject to COR Debug.
56	Latency processing error. This is an internal error in Adabas System Coordinator. *Action:* Contact your Software AG technical support representative. **Note:** This subcode is not subject to COR Debug.
59	CORSnn: Critical products. One or more products have been defined as "Critical" in the Corrdinator configuration file, and one of the following errors was detected: ■ The Adabas System Coordinator Kernel module (CORKRN) was not found. ■ Adabas System Coordinator initialization has failed. There will be a Coordinator message indicating the cause of the initialization failure. *Action:* Determine the cause of the concurrent command and modify the application to remove it. **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. *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. *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).

Subcode	Meaning
	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. *Action:* Contact your Software AG technical support representative.
65	Net-Work Clustering: Message segment protocol error. This is an internal error in Adabas System Coordinator. *Action:* Contact your Software AG technical support representative.
66	Net-Work Clustering: Message sequence error. This is an internal error in Adabas System Coordinator. *Action:* Contact your Software AG technical support representative.
67	z/OS only: Invalid SVC is being used for the execution of an Adabas call. *Action:* Review and correct the installation. If the problem persists, contact your Software AG technical support representative.
68	z/OS only: The batch Adabas System Coordinator client component (CORS01) is being incorrectly used for a Multi-TCB job. *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 CORS0n client components and their applicability to different job types. If the problem persists, contact your Software AG technical support representative.
69	Insufficient memory to initialize runtime controls. There is insufficient memory for COR to initialize. This is an Adabas System Coordinator error. *Action:* Increase the memory available to the job.
81	Internal UB Getmain error. This is an internal error in Adabas System Coordinator. *Action:* Contact your Software AG technical support representative.
82	Invalid session pointer. This is an internal error in Adabas System Coordinator. *Action:* Contact your Software AG technical support representative.
83	Internal session UB not found. This is an internal error. *Action:* Contact your Software AG technical support representative.

Subcode	Meaning
84	Internal error in Adabas buffer analysis. This is an internal error in Adabas System Coordinator. *Action:* Contact your Software AG technical support representative.
85	Internal thread getmain error. This is an internal error in Adabas System Coordinator. *Action:* Increase the job region size and rerun the job. If the problem persists, contact your Software AG technical support representative.
86	Invalid command block pointer. This is an internal error in Adabas System Coordinator. *Action:* Contact your Software AG technical support representative.
87	Client versioning has not been installed correctly. *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. *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. **Note:** This subcode is not subject to COR Debug.
89	The NIM subtask is in the process of being detached. *Action:* None, this subcode simply indicates that a NIM subtask was still issuing Adabas commands when it was terminated by the main NIM task. **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 your Software AG technical support representative. *Action:* Contact your Software AG technical support representative.
92	Asynchronous call with no CAB. This is an internal error in Adabas System Coordinator. *Action:* Contact your Software AG technical support representative.
93	Latency processing error (memory). This is an internal error in Adabas System Coordinator. *Action:* Increase the job region size. If the problem persists, contact your Software AG technical support representative. **Note:** This subcode is not subject to COR Debug.

Subcode	Meaning
94	Latency processing lock error. This is an internal error in Adabas System Coordinator. *Action:* Contact your Software AG technical support representative. **Note:** This subcode is not subject to COR Debug.
95	Daemon latency processing error. This is an internal error in Adabas System Coordinator. *Action:* Ensure that the System Coordinator daemon is available. 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. If the problem persists, contact your Software AG technical support representative. **Note:** This subcode is not subject to COR Debug.
96	Latency processing error (facility deleted). This is an internal error in Adabas System Coordinator. *Action:* Contact your Software AG technical support representative. **Note:** This subcode is not subject to COR Debug.
97	Latency processing lock error when using daemon latency. *Action:* Contact your Software AG technical support representative. **Note:** This subcode is not subject to COR Debug.
102	Latency processing unlock error. This is an internal error in Adabas System Coordinator. *Action:* Contact your Software AG technical support representative. **Note:** This subcode is not subject to COR Debug.
103	Latency processing error for IMS. *Action:* Increase the size of the Daemon latency /pulse services shared memory area size in the COR daemon parameters. **Note:** This subcode is not subject to COR Debug.
200	When running Multi-system dynamic transaction routing (z/OS only), there was an error writing to the Coupling Facility Cache structure. *Action:* Refer to the accompanying COR010S message in the daemon.

Subcode	Meaning
	Note: This subcode is not subject to COR Debug.
201	When running Multi-system dynamic transaction routing (z/OS only), there was an error reading from the Coupling Facility Cache structure.
	Action: Refer to the accompanying COR009S message in the daemon.
	Note: This subcode is not subject to COR Debug.
202	When running Multi-system dynamic transaction routing (z/OS only), an incorrect record was read from the Coupling Facility Cache structure.
	Action: Contact your Software AG technical support representative.
	Note: This subcode is not subject to COR Debug.
203	When running Multi-system dynamic transaction routing (z/OS only), there was a memory shortage in the local daemon when attempting communications with a peer daemon.
	Action: Increase the region size for the daemon. If the problem persists, contact your Software AG technical support representative.
	Note: This subcode is not subject to COR Debug.
204	When running Multi-system dynamic transaction routing (z/OS only), there was a protocol error in the local daemon when attempting communications with a peer daemon.
	Action: Contact your Software AG technical support representative.
	Note: This subcode is not subject to COR Debug.
205	When running Multi-system dynamic transaction routing (z/OS only), a peer daemon returned an error when contacted by the local daemon.
	Action: Contact your Software AG technical support representative.
	Note: This subcode is not subject to COR Debug.
206	When running Multi-system dynamic transaction routing (z/OS only) and attempting to move a facility across the Sysplex, there was an internal problem identifying the correct facility.
	Action: Contact your Software AG technical support representative. Note: This subcode is not subject to COR Debug.
	Note: This subcode is not subject to COR Debug.

Subcode	Meaning
207	When running Multi-system dynamic transaction routing (z/OS only) and attempting to move a facility across the Sysplex, there was a memory shortage in the local daemon. *Action:* Increase the region size for the daemon. If the problem persists, contact your Software AG technical support representative. **Note:** This subcode is not subject to COR Debug.
208	When running Multi-system dynamic transaction routing (z/OS only) 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. *Action:* Contact your Software AG technical support representative. **Note:** This subcode is not subject to COR Debug.
209	When running Multi-system dynamic transaction routing (z/OS only) and attempting to move a facility across the Sysplex, a peer daemon returned an error. *Action:* Contact your Software AG technical support representative. **Note:** This subcode is not subject to COR Debug.
210	When running Multi-system dynamic transaction routing (z/OS only) and attempting to move a facility across the Sysplex, there was an internal error with the facility size. *Action:* Contact your Software AG technical support representative. **Note:** This subcode is not subject to COR Debug.
211	When running Multi-system dynamic transaction routing (z/OS only) and attempting to move a facility across the Sysplex, the facility could not be moved into daemon managed shared memory in the local daemon due to a lack of space. *Action:* Refer to the daemon group member parameter Daemon latency/pulse services and increase the size of the dataspace. If the problem persists, contact your Software AG technical support representative. **Note:** This subcode is not subject to COR Debug.
212	When running Multi-system dynamic transaction routing (z/OS only) and attempting to move a facility across the Sysplex, there was an internal error writing to daemon managed shared memory. *Action:* Contact your Software AG technical support representative. **Note:** This subcode is not subject to COR Debug.

Subcode	Meaning
213	When running Multi-system dynamic transaction routing (z/OS only) 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. *Action:* Contact your Software AG technical support representative. **Note:** This subcode is not subject to COR Debug.
214	When running Multi-system dynamic transaction routing (z/OS only) and attempting to move a facility across the Sysplex, a peer daemon returned an error when instructed to remove a facility. *Action:* Contact your Software AG technical support representative. **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. *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. *Action:* Contact your Software AG technical support representative.
3 (0x0003)	The standard Adabas or Entire Net-Work ADALNKX library does not export all expected functions. *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. *Action:* Contact your Software AG technical support representative.

Subcode	Meaning
5 (0x0005)	The path to the Initialisation File (cor.cfg) could not be determined. *Action:* Check the HKLM\SOFTWARE\Software AG\Adabas System Coordinator registry key and ensure the Path value is set correctly (Windows). Check that the $CORDIR and $CORVERS environment variables are set correctly (Unix).
6 (0x0006)	The `ADALNKX` parameter could not be read from the Initialization File (*cor.cfg*). *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. *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. *Action:* Contact your Software AG technical support representative.
9 (0x0009)	An incompatible version of an Adabas add-on product is installed. *Action:* Contact your Software AG technical support representative.
10 (0x000A)	The library for an Adabas add-on product could not be loaded. *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. *Action:* Contact your Software AG technical support representative.
12 (0x000C)	The address or length of the format, record, search, value or ISN buffer appears to be invalid. *Action:* Check the buffer addresses passed to the adabas() function and the lengths specified for the buffers in the Adabas control block.

Subcode	Meaning
13 (0x000D)	The CORADC load module could not be fetched (Mainframe). *Action:* Check that $STEPLIB environment variable is correct and that the CORADC load module exists in the specified data set.
14 (0x000E)	Port range exhausted (there are not enough allocated to this computer). *Action:* Configure a larger port range for the Adabas System Coordinator Computer using System Management Hub.
15 (0x000F)	Port conflict (the allocated port is in use by another application). *Action:* Assign a different port to the Adabas System Coordinator daemon or change the port range for the Adabas System Coordinator computer using System Management Hub.
16 (0x0010)	Computer name could not be generated. *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 System Management Hub.
17 (0x0011)	The FDT of the Configuration File is not compatible with Adabas System Coordinator. *Action:* Check that the database and file numbers are correct.
18 (0x0012)	The version of Adabas is not compatible with Adabas System Coordinator. *Action:* Contact your Software AG technical support representative.
19 (0x0013)	The SAGABS library could not be loaded. *Action:* Check that the SAGABS library is installed.
20 (0x0014)	The SAGABS library could not be unloaded. *Action:* Contact your Software AG technical support representative.
21 (0x0015)	The SAGABS library is not compatible with Adabas System Coordinator. *Action:* Contact your Software AG technical support representative.

Subcode	Meaning
22 (0x0016)	Port conflict (the allocated port is in use by another Adabas System Coordinator Group). *Action:* Assign a different Group Services port to the Adabas System Coordinator Computer using System Management Hub.
23 (0x0017)	Unable to spawn process (the command line parameters specified for the process are invalid). *Action:* Contact your Software AG technical support representative.
24 (0x0018)	Length of compressed record buffer length exceeds limit. *Action:* Contact your Software AG technical support representative.
25 (0x0019)	Length of compressed record buffer could not be determined. *Action:* Contact your Software AG technical support representative.
26 (0x001A)	Product not installed or not configured correctly. *Action:* Check that the Adabas add-on product is installed correctly.
27 (0x001B)	Configuration file version does not match the running version. *Action:* Contact your Software AG technical support representative.
28 (0x001C)	Configuration file layout is not as expected for a configuration file. *Action:* Contact your Software AG technical support representative.
29 (0x001D)	The installed Adabas version does not correctly process LF 'S' commands (Adabas 6.1.9 or earlier). *Action:* Contact your Software AG technical support representative.
30 (0x001E)	The installed Adabas version does not support LF 'T' commands (unzapped Adabas 8.2.2 or earlier). *Action:* Contact your Software AG technical support representative.
31 (0x001F)	Migration of the Configuration File was unsuccessful. *Action:* Check the output of the migration process for erros. If the reason for an unsuccessful migration cannot be

Subcode	Meaning
	determined, contact your Software AG technical support representative.
52 (0x0034)	Exception reading/writing pointer. *Action:* Contact your Software AG technical support representative.
0000A001-FFFFA001	A TCP/IP error occurred. *Action:* The left-hand side of the subcode contains the operating system error code.
0000A002-FFFFA002	A DNS error occurred. *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 ADAECS 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. *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 ■ the file parameter setting is PGMREFRESH=NO (can be checked with ADAREP or via Adabas Online Services (AOS) Display File) ■ 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 your Software AG technical support representative.

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 your Software AG technical support representative.

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 your Software AG technical support representative.

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 your Software AG technical support representative.

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.
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 your Software AG technical support representative 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. *Action:* Change the subscription definition to make the record shorter.
2	The subscription user exit set a value in URBRERRC. *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. *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. *Action:* Increase the size of the LRPL parameter and try again.
5	The subscription user exit modified data length (URBDLEND) to an invalid value. *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. *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. *Action:* Correct the status request.
8	The subscription (URBISNAM) specified in a status request is undefined. *Action:* Correct the status request.

Subcode	Meaning
9	The initial state name specified was not found. *Action:* Correct the initial-state request.
10	The destination for response in URBI following URBI 1 is not equal to those of URBI 1. *Action:* Correct the initial-state request.
11	The initial state name in URBI following URBI 1 is not equal to that of URBI 1. *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. *Action:* Correct the initial-state request.
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. *Action:* Correct the initial-state request.
15	Field URBILEND is invalid. *Action:* Correct the initial-state request.
16	The specified ISNLIST is invalid. *Action:* Correct the initial-state request.
17	The initial-state process has been stopped by an operator request. *Action:* No action is required.
18	Different request tokens have been specified in different URBI elements in the same message. *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. *Action:* Correct the initial-state or destination open/close client request.
20	Invalid input data for decompression was found during the subscription phase. *Action:* Check the index of the replicated file.
22	The file/DBID supplied for the initial-state process is deactivated for replication. *Action:* Check the cause of deactivation and repeat the request after reactivation.

Subcode	Meaning
23	Invalid UES parameter in URBI . URBIARC, URBIACOD, and URBIWCOD must contain invalid values and must not be all blanks. *Action:* Verify that the URBIARC, URBIACOD, and URBIWCOD elements are not all blanks.
24	Invalid UES parameter in URBI. 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. *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.
25	The unused URBIRES1 and URBIRES2 fields must contain binary zeros for all requests. *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. *Action:* Correct the client request.
27	No active destinations for status request. *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. *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. *Action:* Correct the prior-transaction request.
31	Unknown destination name in URBIDNAM for a prior-transaction request. *Action:* Correct the prior-transaction request.
32	Unknown or omitted subscription name in URBISNAM for a prior-transaction request. *Action:* Correct the prior-transaction request.

Subcode	Meaning
33	Destination in URBIDNAM is not related to subscription in URBISNAM for a prior-transaction request. *Action:* Correct the prior-transaction request.
34	Subscription in URBISNAM has no resend buffer defined for a prior-transaction request. *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. *Action:* Check the source of the transaction number.
36	The subscription in URBISNAM is not active. *Action:* No action is required.
37	An invalid transaction was found in the resend buffer. This is an internal error. *Action:* Notify your Software AG technical support representative.
38	There are no active destinations for a prior-transaction request. *Action:* No action is required.
39	URBILEND must be zero for prior-transaction requests. *Action:* Correct the prior-transaction request.
40	URBIDBID and URBIFNR may not be specified for this type of client request. *Action:* Correct the client request.
41	URBIINAM may not be specified for prior-transaction requests. *Action:* Correct the prior-transaction request.
42	UES parameters URBIARC, URBIACOD and URBIWCOD may not be specified for prior-transaction requests. *Action:* Correct the prior-transaction request.
43	Reserved fields URBIRES1 and URBIRES2 must be zero for prior-transaction requests. *Action:* Correct the prior-transaction request.
44	Number of active concurrent initial-state requests exceeded IMAXREQ. *Action:* Increase the IMAXREQ setting or reduce the number of active concurrent initial-state requests.

Subcode	Meaning
45	Input request URBH eyecatcher is invalid. *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. *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. *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* .
48	Input request URBHVERS is invalid. *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. *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. *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. *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. *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. *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
54	Input request reserved area is not zero. *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. *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. *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* .
57	Input request different interleaved requests received. *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). 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. *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. *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. *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. *Action:* Notify your Software AG technical support representative.
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.

Subcode	Meaning
	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. *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. *Action:* Correct the filter definition.
65	The filter refers to a field that is not defined in the internal format buffer. *Action:* Correct the filter definition or define the field in the database.
66	The filter defines a comparison against a field that is not selectable as it has no type (for example, a superdescriptor). *Action:* Correct the filter definition.
67	The filter uses values in an FLIST specification that are invalid or out of range. *Action:* Correct the filter definition.
69	Replay for same DBID/FNR already running.
71	Date/time format or value incorrect for replay. *Action:* Check the syntax of the specified date and time values. Do not specify future date and time values.
72	Incorrect replay parameters. *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. *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. *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. *Action:* Reopen the closed destination and rerun the replay process for the destination.

Subcode	Meaning
76	ADARPL terminated abnormally. *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. *Action:* Notify your Software AG technical support representative.
78	New transactions from Adabas could not be kept on hold during a replay in synchronized mode. *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.
79	A replay process was canceled by a user (RPLCLEANUP operator command). *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. *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. *Action:* Notify your Software AG technical support representative.
82	The Event Replicator Server is not connected to Adabas at the start of a replay process with the TOKEN parameter. *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. *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. *Action:* Change the replay parameters or the activation status of the subscriptions or destinations involved in the replay.

Subcode	Meaning
85	A file involved in the replay was inactive at the beginning of the replay or deactivated while the replay was running. *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. *Action:* Correct the format buffer.
87	An unexpected message sequence number was encountered. *Action:* Contact your Software AG support representative.
88	An unrecognized eye-catcher was encountered in control block following the URBH. *Action:* Contact your Software AG support representative.
89	The same subscription name was specified more than once for an Adabas automated replay (defined using the Adabas Event Replicator Subsystem). *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). *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. *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. *Action:* Reduce the timeout parameter value and try again.
93	PLOG information was not recorded in the Event Replicator Server system file. *Action:* Contact your Software AG 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. *Action:* Contact your Software AG support representative.

Subcode	Meaning
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. *Action:* Contact your Software AG 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. *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. *Action:* Correct the format buffer.
99	The subscription name (URBISNAM) specified in the destination open/close client request contains a value other than spaces. *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. *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. *Action:* Investigate the cause of the error.
102	The destination open/close request failed. *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. *Action:* No action is required.
104	Begin byte in field filter is longer than the field length. *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. *Action:* Adjust the specifications for the beginning byte or the portion length and try again.

Subcode	Meaning
106	Begin byte or length not supported for field with format U, P, F, G, or W. *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. *Action:* Adjust the length specification and try again.
108	Input request URBI eyecatcher is invalid. *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*.
109	An Adabas security (ADASCR) function has been invalidly replicated to a subscription file defined with SFSECURITYFILE=NO. *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. *Action:* Contact your Software AG technical support representative 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. *Action:* Ensure that the subscription file definitions for a file, other than a security file, is defined with SFSECURITYFILE=NO.
118	Replay-Only Replay is not allowed if one or more destinations involved are closed. *Action:* Ensure that the destination(s) selected for replay-only mode replay processing are not closed.

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.
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.

Subcode	Description
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 your Software AG technical support representative.

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 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 your Software AG technical support representative 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 field (in the ACBX) may contain the ID of the Entire Net-Work node that issued 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.

Subcode	Occurrence Location	Description	Action
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.
8	mainframe systems	A user is performing a logical ADALNK call. The IDT for the call has not been allocated.	On BS2000 systems, check the setting of the parameter accessed by the link name DDLNKPAR or DDCARD, or in the macro B2CONFIG of the module SSFB2C. Also check the IDTNAME parameter of the database to be accessed.
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>`,

Subcode	Occurrence Location	Description	Action
			then restart the nucleus and reissue the command.
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. 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	UNIX 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG support representative for assistance.
59	mainframe systems	This subcode is set as a default in the first stage of command routing.	Contact your Software AG 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 Software AG support representative for assistance.
64	mainframe systems	A command sent from a nucleus to another nucleus caused an ABEND while the caller was	This may be seen if the target nucleus is terminating. Otherwise

Subcode	Occurrence Location	Description	Action
		attempting to retrieve the results of a completed command. The target may have become inactive. The ABEND was recovered by ADAMPM.	contact your Software AG support 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 how to identify the remote node.	Contact your Software AG 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 how to identify the remote node.	Contact your Software AG 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 how to identify the remote node.	Contact your Software AG 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 how to identify the remote node.	Contact your Software AG 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 how to identify the remote node.	Contact your Software AG support representative for assistance.

Subcode	Occurrence Location	Description	Action
106/206	mainframe systems	Entire Net-Work unavailable, cannot route new user to remote nucleus. The 206 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 Software AG support representative for assistance.
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 Software AG 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 how to identify the remote node.	Contact your Software AG 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 Software AG 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 how to identify the remote node.	Contact your Software AG support representative for assistance.

Subcode	Occurrence Location	Description	Action
1019	open systems	No active database found.	Contact your Software AG support representative for assistance.
1020	open systems	The Entire Net-Work relay failed.	Contact your Software AG support representative for assistance.
1021	open systems	EC: Not XTS directory information available.	Contact your Software AG support representative for assistance.
1022	open systems	No context found.	Contact your Software AG support representative for assistance.
1023	open systems	No local database found.	Contact your Software AG support representative for assistance.
1024	open systems	Invalid context found.	Contact your Software AG support representative for assistance.
1025	open systems	General logic error; no XTS found.	Contact your Software AG support representative for assistance.
1026	open systems	A server shutdown occurred.	Contact your Software AG support representative for assistance.
1027	open systems	A server overload occurred.	Contact your Software AG support representative for assistance.
1028	open systems	The server rejected a call.	Contact your Software AG support representative for assistance.
1029	open systems	No such DBID.	Contact your Software AG support representative for assistance.
1030	open systems	The database is inactive.	Contact your Software AG support representative for assistance.
1031	open systems	No response.	Contact your Software AG support representative for assistance.
1032	open systems	An invalid protocol was found.	Contact your Software AG support representative for assistance.

Subcode	Occurrence Location	Description	Action
1033	open systems	An unknown response occurred.	Contact your Software AG support representative for assistance.
1034	open systems	Remote communication is not allowed.	Contact your Software AG 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.

Action Contact your Software AG technical support representative 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 field (in the ACBX) may contain the ID of the Entire Net-Work node that issued 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 your Software AG technical support representative.

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 your Software AG technical support representative 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 reexecuted 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 your Software AG technical support representative.

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 your Software AG technical support representative:
   - 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 your Software AG technical support representative.

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 your Software AG technical support representative.

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 your Software AG technical support representative.

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

Subcode	Meaning
16	Mismatching block length
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 Software AG technical support representative. Make sure to report the subcode to your Software AG technical support representative.

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 your Software AG technical support representative.

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 your Software AG technical support representative.
	On open systems, run the AC option of ADAVFY for the file in question and contact your Software AG technical support representative.

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 Software AG 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).
	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.
	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 (DD/FEHL). Contact your Software AG technical support representative 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 your Software AG technical support representative 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 workstation user.
2	A cross-level security check failed.
3	No security information is available for the command.
4	A timeout occurred during a workstation 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 workstation user has supplied a new password or passphrase but there is a mismatch with the old: ■ old password with new passphrase ■ old passphrase with new password Passwords and passphrases should not be mixed.
17	Remote workstation user has supplied a password phrase but the detected version of SAFPSEC does not support password phrases. Either: ■ SAFPSEC is an old version that does not support password phrases or ■ 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 workstation logon failure; user-id is not defined.
25	Remote workstation logon failure; invalid password / password phrase.
26	Remote workstation logon failure; invalid new password / new password phrase.
27	Remote workstation logon failure; user-id revoked.
28	Remote workstation 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.
	On open systems, the password supplied is already in use.
Action	On open systems, change the password to one that is not already existing.
	On mainframe systems, check and possibly increase the value specified for ADARUN LCP parameter in the Adabas nucleus.

Response 207

Origin	Mainframe systems only
Explanation	Adabas SAF Security completed phase 1 of logon and requested phase 2. This is an internal Adabas SAF Security and ADALNK two-phase response code for a remote workstation logon. This code is normally not displayed or presented.
	For more information, read your Adabas SAF Security documentation.
Action	Send a phase 2 logon request to Adabas SAF Security.

Response 208

Origin	Mainframe and open systems
Explanation	As an Adabas SAF Security remote user, you should execute a phase 1 logon. The logon ID and your password are sent to Adabas SAF Security. This response indicates that two-phase logon can continue.

For more information, read your Adabas SAF Security documentation.

Subcode	Meaning
1066	Open systems ADASAF phase 1 error exit.
1067	Open systems ADASAF phase 2 error exit.

Action	If the user application receives this response, it is on a workstation platform that does not have the proper Adabas link routine installed. This response code is intercepted by the workstation Adabas link routine and phase 1 logon is performed.

Response 209

Origin	Mainframe systems only
Explanation	Adabas SAF Security detected an expired password on the server. The workstation user's password has expired. This code is normally not returned to the application. Instead the workstation user is prompted to enter a new password.
Action	Create a valid password on the server for ACF2, RACF, or Top Secret. Entire Net-Work users may use the Adabas SAF Security feature.

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 field (in the ACBX) may contain the ID of the Entire Net-Work node that issued 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 field (in the ACBX) may contain the ID of the Entire Net-Work node that issued 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 field (in the ACBX) may contain the ID of the Entire Net-Work node that issued 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 z/OS or z/VSE 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 z/OS or z/VSE 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 for z/OS or z/VSE.

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 (UNIX). If the application has been linked with the s-bit on UNIX, 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 field (in the ACBX) may contain the ID of the Entire Net-Work node that issued 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 field (in the ACBX) may contain the ID of the Entire Net-Work node that issued 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 Software AG technical support for assistance.
72	An IPC (Interprocess communication) message call parameter error occurred. This may indicate an internal product error or a TP-monitor storage overlay. Contact Software AG 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 Software AG 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 Software AG technical support for assistance.
75	An IPC message call parameter error occurred. This is probably an internal product problem. Contact Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support for assistance.
102	A socket could not be allocated. Contact Software AG technical support for assistance.

Subcode	Meaning
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 Software AG technical support for assistance.
110	Internal error processing a parameter list. Contact Software AG technical support for assistance.
111	An error occurred when sending data on a socket. Contact Software AG technical support for assistance.
120	Unable to receive results due to no database context. Contact Software AG technical support for assistance.
121	An attempt has been made to receive results from a database which has not previously been contacted. Contact Software AG technical support for assistance.
122	Unable to receive results due to no client context on the database. Contact Software AG technical support for assistance.
123	An error occurred when receiving data on a socket. Contact Software AG 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 Software AG 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).

Subcode	Meaning
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).
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 field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

Action	For BS2000 systems running Sockets 2.2 or later, check the address space limit using the `SHOW-USER-ATTRIBUTES` command in the field ADDRESS-SPACE-LIMIT (the value is in megabytes). If necessary, increase it using the `MODIFY-USER-ATTRIBUTES` command from a privileged user ID.

For BS2000 systems running Sockets 2.1 or earlier, increase the CMSIZE parameter to enlarge the common memory pool, as long as there is enough room in the address space. Then restart Entire Net-Work.

For z/OS and z/VSE, 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 ACB Additions 2 field (ACBADD2) or the ACBX Error Subcode field (ACBXERRC) may contain the ID of the Entire Net-Work node that issued 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 your Software AG technical support representative 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 version 7 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 5 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 your Software AG technical support representative.

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 your Software AG technical support representative.

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 Adabase 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 your Software AG technical support representative.

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. 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.
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 your Software AG technical support representative. 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. *Action:* Contact your Software AG technical support representative.
2 (0x00000002)	Cannot recall archived data because the architecture of the target database is not compatible with the architecture to the original database. *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. *Action:* Contact your Software AG technical support representative.
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. *Action:* Check that FDTs of the files are compatible.
5 (0x00000005)	Cannot coerce a value specified for the extraction criteria to the specified type. *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. *Action:* Contact your Software AG technical support representative.
7 (0x00000007)	Unsupported date/time pattern in extraction critiera. *Action:* Set a correct pattern in the extraction criteria. Contact Software AG Support.
8 (0x00000008)	Database from which data is being archived or recalled into is not on the local machine. *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. *Action:* Check that Adabas System Coordinator is installed correctly.
10 (0x0000000A)	An incompatible version of Adabas System Coordinator is installed.

Subcode	Meaning
	Action: Contact your Software AG technical support representative.
11 (0x0000000B)	An incompatible version of Adabas System Coordinator is installed. *Action:* Contact your Software AG technical support representative.
12 (0x0000000C)	Cannot parse FDT. *Action:* Contact your Software AG technical support representative.
13 (0x0000000D)	Cannot generate FDU from FDT. *Action:* Contact your Software AG technical support representative.
14 (0x0000000E)	Cannot create format buffer for the whole FDT. *Action:* Contact your Software AG technical support representative.
15 (0x0000000F)	PE or MU field(s) not defined correctly. *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. *Action:* Check that the fields in the Extractor/Accumulator filtering and Archive search fields are defined correctly.
17 (0x00000011)	Recall of a filtered archive using the 'Replace duplicate unique descriptors' option failed because the format/record buffer could not be parsed. *Action:* Contact your Software AG technical support representative.
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. *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. *Action:* Contact your Software AG technical support representative.
20 (0x00000014)	Internal format buffer overflow.

Subcode	Meaning
	Action: Contact your Software AG technical support representative.
21 (0x00000015)	Internal search buffer overflow.
	Action: Contact your Software AG technical support representative.
22 (0x00000016)	Internal value buffer overflow.
	Action: Contact your Software AG technical support representative.
23 (0x00000017)	No extraction criteria were specified and there are no DE fields in the FDT.
	Action: Contact your Software AG technical support representative.
24 (0x00000018)	No Computer record for the current Adabas System Coordinator Group Leader.
	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.
	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.
	Action: Check that the correct Repository is being used and that the Adabas System Coordinator Computer and Daemon is still defined.
27 (0x0000001B)	No Action record found for the current archive/recall/search operation.
	Action: Check that the correct Repository is being used and that the Action record is still defined.
28 (0x0000001C)	No Vault Validation record found.
	Action: Check that the validation is correctly configured for this vault.
29 (0x0000001D)	No Vault PATH information for this computer.
	Action: Check that a Vault Path is defined for the Extractor, Accumulator and ADR Service computers.

Subcode	Meaning
30 (0x0000001E)	Attempt to recall an archive using Extractor/Accumulator computers that not sharing the same Repository. *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. *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. *Action:* Contact your Software AG technical support representative.
33 (0x00000021)	Archive failed due to invalid/unsupported Transfer settings. *Action:* Contact your Software AG technical support representative.
34 (0x00000022)	Archive failed due to invalid/unsupported Accumulator settings. *Action:* Contact your Software AG technical support representative.
35 (0x00000023)	Recall failed due to invalid or unsupported Extractor settings. *Action:* Contact your Software AG technical support representative.
36 (0x00000024)	Recall failed due to invalid or unsupported Transfer settings. *Action:* Contact your Software AG technical support representative.
37 (0x00000025)	Recall failed due to invalid or unsupported Accumulator settings. *Action:* Contact your Software AG technical support representative.
38 (0x00000026)	Extractor terminated because the Accumulator is not active. *Action:* Check the response and subcode for the Accumulator in Current or Completed Activities.
39 (0x00000027)	Accumulator timed-out waiting for the Extractor. *Action:* Check the response and subcode for the Extractor in Current or Completed Activities.
40 (0x00000028)	Message protocol error/incompatibility. *Action:* Contact your Software AG technical support representative.

Subcode	Meaning
41 (0x00000029)	Message protocol error/incompatibility. *Action:* Contact your Software AG technical support representative.
42 (0x0000002A)	Message protocol error/incompatibility. *Action:* Contact your Software AG technical support representative.
43 (0x0000002B)	Message protocol error/incompatibility. *Action:* Contact your Software AG technical support representative.
44 (0x0000002C)	Message protocol error/incompatibility. *Action:* Contact your Software AG technical support representative.
45 (0x0000002D)	Timeout waiting for lock on archive in Vault. *Action:* Retry the operation and/or check for competing operations.
46 (0x0000002E)	Version mismatch between Data Archiving for Adabas runtime and Vault contents. *Action:* Contact your Software AG technical support representative.
47 (0x0000002F)	Invalid/corrupt archive in Vault. *Action:* Contact your Software AG technical support representative.
48 (0x00000030)	Archive in Vault contains data not supported by this version of the Data Archiving for Adabas runtime. *Action:* Contact your Software AG technical support representative.
49 (0x00000031)	Archive size would exceed limit. *Action:* Contact your Software AG technical support representative.
50 (0x00000032)	Invalid/unsupported Vault operation. *Action:* Contact your Software AG technical support representative.
51 (0x00000033)	Archive does not exist in Vault. *Action:* Contact your Software AG technical support representative.
52 (0x00000034)	Vault path does not exist.

Subcode	Meaning
	Action: Check that the Vault Path defined for the Extractor, Accumulator and ADR Service computers is correct.
53 (0x00000035)	Access denied to Vault Path. *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. *Action:* Contact your Software AG technical support representative.
55 (0x00000037)	Extractor/Accumulator failed to load. *Action:* Check the response and subcode for the Extractor/Accumulator in Pending, Current and Completed Activities.
56 (0x00000038)	Extractor/Accumulator failed to load. *Action:* Contact your Software AG technical support representative.
57 (0x00000039)	Length of compressed record exceeds limit. *Action:* Contact your Software AG technical support representative.
58 (0x0000003A)	Length of decompressed record exceeds limit. *Action:* Contact your Software AG technical support representative.
59 (0x0000003B)	Cannot determine the default codepage for the system. *Action:* Contact your Software AG technical support representative.
60 (0x0000003C)	Invalid/unsupported codepage specified for archive or recall. *Action:* Check that the codepage specified for in the Extractor/Accumulator settings in the Action or recall request.
61 (0x0000003D)	'Use default' codepage specified for archive or recall and there is no default UES AMODE= setting for the database. *Action:* Specify the codepage explicitly or configure the default AMODE= setting for the database.
62 (0x0000003E)	No Search record found. *Action:* Check that the correct Repository is being used and that the Search Record is still defined for the Action.

Subcode	Meaning
63 (0x0000003F)	Cannot search archive because the data was not archived in compressed format. *Action:* Contact your Software AG technical support representative.
64 (0x00000040)	Invalid search (search buffer). *Action:* Contact your Software AG technical support representative.
65 (0x00000041)	Invalid search (value buffer). *Action:* Contact your Software AG technical support representative.
66 (0x00000042)	Value buffer for search could not be converted from the UI codepage to the codepage of the archived data. *Action:* Contact your Software AG technical support representative.
67 (0x00000043)	'Use default' codepage specified for archive or recall and there is no default UES WMODE=setting for the database. *Action:* Specify the codepage explicitly or configure the default WMODE= setting for the database.
68 (0x00000044)	Task already locked. *Action:* Contact your Software AG technical support representative.
69 (0x00000045)	License file is missing. *Action:* Contact your Software AG technical support representative.
70 (0x00000046)	License key is invalid. *Action:* Contact your Software AG technical support representative.
71 (0x00000047)	License has expired. *Action:* Contact your Software AG technical support representative.
72 (0x00000048)	License is for a different operating system. *Action:* Contact your Software AG technical support representative.
73 (0x00000049)	License is for a different product. *Action:* Contact your Software AG technical support representative.

Subcode	Meaning
74 (0x0000004A)	License is for a different version. *Action:* Contact your Software AG technical support representative.
75 (0x0000004B)	Functionality restricted, Community edition. *Action:* License file required for full functionality.
76 (0x0000004C)	No license file found. *Action:* Contact your Software AG technical support representative.
77 (0x0000004D)	Duplicate archive identifier detected in the Vault. *Action:* Contact your Software AG technical support representative.
78 (0x0000004E)	Filename conflict detected in the Vault. *Action:* Contact your Software AG technical support representative.
79 (0x0000004F)	Some or all of the data for an archive is missing from the Vault. *Action:* Contact your Software AG technical support representative.
80 (0x00000050)	Vault or archive damaged. *Action:* Contact your Software AG technical support representative.
81 (0x00000051)	ADR plug-in library could not be loaded. *Action:* Contact your Software AG technical support representative.
82 (0x00000052)	Incompatible ADR plug-in library. *Action:* Contact your Software AG technical support representative.
83 (0x00000053)	Occurrence 'N' cannot be specified for a PE/MU LOB field in an Extractor Filter (Open Systems only). *Action:* Correct the format buffer in the Extractor Filter Settings.
84 (0x00000054)	An Extractor Filter must contain at least one non-LOB field. *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.

Subcode	Meaning
	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.
	Action: Contact your Software AG technical support representative.
87 (0x00000057)	License file does not provide the Price Quantity required by the system.
	Action: Contact your Software AG technical support representative.
88 (0x00000058)	License file does not provide Extended Rights.
	Action: Contact your Software AG technical support representative.
89 (0x00000059)	The file size of the archive file checked by the validation process is incorrect.
	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.
	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.
	Action: Restore the archive file from a backup and rerun the validation to check the integrity of the data.
92 (0x0000005C)	The lengths of the records in the archive file checked by the validation process are incorrect.
	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.
	Action: Contact your Software AG technical support representative.
94 (0x0000005E)	License file does not provide Transfer to Adabas required by the system.

Subcode	Meaning
	Action: Contact your Software AG technical support representative.
95 (0x0000005F)	License file does not provide Delete from Adabas required by the system. *Action:* Contact your Software AG technical support representative.
96 (0x00000060)	Inconsistency in join data for archive. *Action:* Contact your Software AG technical support representative.
97 (0x00000061)	Inconsistent object/archive identifiers for archive. *Action:* Contact your Software AG technical support representative.
98 (0x00000062)	File list for action does not match the archive data. *Action:* Contact your Software AG technical support representative.
99 (0x00000063)	Archive identifier does not match API data. *Action:* Contact your Software AG technical support representative.
100 (0x00000064)	Group, plan or name of action does not match API data. *Action:* Contact your Software AG technical support representative.
101 (0x00000065)	File list for action does not match API data. *Action:* Contact your Software AG technical support representative.
102 (0x00000066)	Duplicate activity encountered. *Action:* Delete activity from Activities List and rerun.
103 (0x00000067)	Related file record is missing. *Action:* Contact your Software AG technical support representative.
104 (0x00000068)	Recall target record is missing. *Action:* Contact your Software AG technical support representative.
105 (x00000069)	Recall target information is not valid. *Action:* Contact your Software AG technical support representative.

Subcode	Meaning
106 (x0000006A)	Maximum number of related files exceeded. *Action:* Contact your Software AG technical support representative.
107 (x0000006B)	Maximum number of transfer destinations exceeded. *Action:* Contact your Software AG technical support representative.
108 (x0000006C)	Transfer destination not defined. *Action:* Contact your Software AG technical support representative.
109 (x0000006D)	Maximum number of related files or transfer destinations exceeded. *Action:* Contact your Software AG technical support representative.
110 (x0000006E)	Invalid related file. *Action:* Contact your Software AG technical support representative.
111 (x0000006F)	Invalid transger destination. *Action:* Contact your Software AG technical support representative.
112 (0x00000070)	Archive, recall or search failed. *Action:* Check the response and subcode for the Extractor/Accumulator in Completed Activities.
113 (0x00000071)	Archive, recall or search incomplete. *Action:* Records have been skipped due to contention or errors.
114 (0x00000072)	Invalid settings specified for file in action. *Action:* Contact your Software AG technical support representative.
115 (0x00000073)	Recall configuration records inconsistent. *Action:* Contact your Software AG technical support representative.
116 (0x00000074)	Recall configuration records inconsistent. *Action:* Contact your Software AG technical support representative.
117 (0x00000075)	API library is not installed.

Subcode	Meaning
	Action: Contact your Software AG technical support representative.
118 (0x00000076)	API library could not be loaded. *Action:* Contact your Software AG technical support representative.
119 (0x00000077)	Entry-point symbol missing from API library. *Action:* Contact your Software AG technical support representative.
120 (0x00000078)	Wrong version of API library. *Action:* Contact your Software AG technical support representative.
121 (0x00000079)	Fault detected in API library. *Action:* Contact your Software AG technical support representative.
122 (0x0000007A)	API library is missing. *Action:* Contact your Software AG technical support representative.
123 (0x0000007B)	No data returned by API. *Action:* Contact your Software AG technical support representative.
124 (0x0000007C)	Incorrect API parameters specified by user. *Action:* Contact your Software AG technical support representative.
125 (0x0000007D)	Memory allocation failed in API. *Action:* Contact your Software AG technical support representative.
126 (0x0000007E)	Internal API error. *Action:* Contact your Software AG technical support representative.
128 (0x00000080)	Incorrect parameter passed to API. *Action:* Contact your Software AG technical support representative.
129 (0x00000081)	API notification failed (state inconsistent). *Action:* Contact your Software AG technical support representative.

Subcode	Meaning
130 (0x00000082)	API library name is too long. *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. *Action:* Check the Extraction Syntax and if the error persists contact your Software AG technical support representative providing the full subcode value and the Extraction Syntax being used.
132 (0x00000084)	No dynamic extraction object code exists *Action:* Ensure that you have successfully saved and compiled your dynamic extraction syntax.
133 (0x00000085)	Duplicate Related file record with differing scopes. *Action:* Contact your Software AG technical support representative.
134 (0x00000086)	API To-Do list locked, it is already in use by another process. *Action:* Ensure that only one application/process accesses a To-Do list at any one time.
135 (0x00000087)	Extractor data targets do not match those in the Repository. *Action:* Contact your Software AG technical support representative.
136 (0x00000088)	Extractor/Accumulator was terminated unexpectedly or cancelled by the user. *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. *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. *Action:* Contact your Software AG technical support representative.
139 (0x0000008B)	An archive activity could not be resumed/restarted because the Codepage setting for a Source File or the AMODE/WMODE

Subcode	Meaning
	settings for the associated database have been changed since the activity was paused/failed. *Action:* Contact your Software AG technical support representative.
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. *Action:* Contact your Software AG technical support representative.
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. *Action:* Contact your Software AG technical support representative.
142 (0x0000008E)	The Extractor was unable to read the FCB of one of the Source Files. *Action:* Contact your Software AG technical support representative.
143 (0x0000008F)	The FCB of the Source Files is in a format not recognised by the Extractor. *Action:* Contact your Software AG technical support representative.
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. *Action:* Contact your Software AG technical support representative.
145 (0x00000091)	An archive activity could not be restarted because the archive could not be validated, the repair was unsuccessful. *Action:* Review the meaning of any log messages written at the time of the failure and, if necessary, contact your Software AG technical support representative.
146 (0x00000092)	An archive activity could not be validated/restarted because one of the archive file segments is missing. *Action:* Contact your Software AG technical support representative.
147 (0x00000093)	Invalid archive identifier.

Subcode	Meaning
	Action: Contact your Software AG technical support representative.
148 (0x00000094)	Length mismatch detected whilst updating archive file record. *Action:* Contact your Software AG technical support representative.
149 (0x00000095)	No Vault record found. *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. *Action:* Contact your Software AG technical support representative.
151 (0x00000097)	Vault path does not exist. *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. *Action:* Contact your Software AG technical support representative.
153 (0x00000099)	Timed-out whilst caching Vault content on local Computer. *Action:* Contact your Software AG technical support representative.
154 (0x0000009A)	Vault path does not exist. *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. Refer to your operating system documentation for an explanation of hhhh (z/OS customers should refer to z/OS UNIX System Services Messages and Codes). If the cause of the error is not apparent, contact your Software AG technical support representative.
0xhhhh700B	An error has occurred whilst writing to a Vault where hhhh is the operating system error code.

Subcode	Meaning
	Refer to your operating system documentation for an explanation of hhhh (z/OS customers should refer to z/OS UNIX System Services Messages and Codes). If the cause of the error is not apparent, contact your Software AG technical support representative.

Category A subcodes:

Subcode	Meaning
0xhhhhA001	A TCP/IP error has occurred where hhhh is the operating system error code. Refer to your operating system documentation for an explanation of hhhh (z/OS customers should refer to z/OS UNIX System Services Messages and Codes). If the cause of the error is not apparent, contact your Software AG technical support representative.
0xhhhhA002	A DNS error has occurred where hhhh is the operating system error code. Refer to your operating system documentation for an explanation of hhhh (z/OS customers should refer to z/OS UNIX System Services Messages and Codes). If the cause of the error is not apparent, contact your Software AG technical support representative.

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. *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. *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: ■ A multiple value field ■ An item in a periodic group ■ A field with format F, G, or W ■ A variable length field ■ A field with the long alphanumeric (LA) attribute ■ A SUPDE or SUPFN of format Alphanumeric with at least one parent of format W *Action:* Review the partitioning criteria.
9	One of the following errors was detected while processing a partitioned file: ■ A distributed access can not be successfully processed due to the client encoding being incompatible with Vista's record collating process. ■ A command can not be successfully processed due to the client encoding being incompatible with the defined partition criteria. *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: ■ the specified field is not in the Adabas FDT. ■ an S or N operator is used incorrectly. ■ a superdescriptor with a variable-length parent field is not allowed. ■ coupled file syntax is not allowed. ■ the value1 operator (EQ, GE, GT, etc.) is unknown. ■ a connecting operator (D, O, R, etc.) is unknown. ■ a command ID enclosed in parentheses is not allowed ■ a memory request failed. ■ collation descriptors are not supported.

Subcode	Meaning
	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. *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: ■ The partitioning field specified in the format buffer could not be located in the Adabas FDT (`N1` and `N2`). ■ An Adabas field specified in the format buffer could not be located in the Adabas FDT (`N1`, `N2` and `A1`). ■ The partitioning field value specified in the record buffer is inconsistent with the defined partitioning criteria for the file (`N1` and `N2`). ■ 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). ■ The partitioning field value specified in the record buffer is null and the `Store Control Option` is set to 2 (`N1` only). ■ The partitioning field/value has not been specified and no target partition has been identified (`N1` and `N2`). *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. Such an update requires the relocation of the ISN to another partition, which is not allowed. *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: ■ The partition identifier extracted from the Adabas Vista ISN is not consistent with any partition defined to the partitioned file. ■ The Adabas ISN read from a partition is greater than the TOPISN value defined for the partition. ■ An attempt to store a record has resulted in an Adabas ISN greater than the TOPISN value defined for the partition.

Subcode	Meaning
	■ (Extreme partitioned files only) The number of partitions is greater than the limit of 255. ■ (Extreme partitioned files only) The application-supplied ISN is no longer associated with this partitioned file. *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: ■ Prefetch/multifetch options on a distributed access `L6`command are not allowed for DLM options 2 and 3. ■ DLM option 4 is specified and a distributed access`S4` or `L6` command was issued. ■ DLM option 3 is specified and the distributed access data integrity check failed. *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. *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: ■ an `S5` command (partitioned files only) ■ a `C5` command ■ a `BT` command with Command Option 2 set to F (any transaction will have been backed out) ■ an `L1` command with Command Option 1 or 2 set to F *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`. *Action:* Review application program and partition `ACCESS` options.

Subcode	Meaning
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. *Action:* Review programming practices for changing client contexts.
32	Partitioned files can not be subjected to a change in client context *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. *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. *Action:* Increase the shared memory available.
39	An `L1` (get next) command was issued but the supplied command ID is not currently active. *Action:* Review application program.
45	An error has occurred during the processing of a distributed `L3/L9` command against a partitioned file. *Action:* Contact your Software AG technical support representative 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. *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. *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: ■ `L1` with Command Option 2 set to I

Subcode	Meaning
	■ `L2/5` with starting ISN
	■ `L3/6` with starting ISN
	■ `Sx` with the ISN Lower Limit field specified
	Action: Review application program and the file parameter `Enable ISN Positioning`.
60	A memory request failed.
	Action: Review the memory availability of the
	■ host TP system;
	■ host operating system; and
	■ global common memory pool (BS2000 only; specified in the Adabas System Coordinator group definition).
65	One of the following invalid values was used for a command ID value:
	■ X'00000000'
	■ X'40404040'
	Action: Do not use the above command ID values.
70	Support for the use of this API has been withdrawn.
	Action: Please refer to the currently supported APIs or, alternatively, contact your Software AG technical support representative 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.
	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.
	Action: Review the program logic.
81	An error has occurred during the processing of an `L1` 'get next' command against a partitioned file.
	Action: Contact your Software AG technical support representative and use the COR Debug Event Monitor controls specifying Response 249 and this subcode to provide diagnostic information.

Subcode	Meaning
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`; or ■ is not running Adabas version 7 or above. *Action:* Refer to the Adabas Vista installation procedures.
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. *Action:* Contact your Software AG technical support representative 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. *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). *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. *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. *Action:* Review the translation rules in use.
112	An error has occurred during the processing of the current command. *Action:* Contact your Software AG technical support representative 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. *Action:* Contact your Software AG technical support representative and use the COR Debug Event Monitor controls specifying Response 249 and this subcode to provide diagnostic information.

Subcode	Meaning
117	One of the following errors occurred while processing the record, value, or search buffer: ■ A P format field value was not in packed decimal format. ■ A U format field value was not in unpacked decimal format. ■ The attempted format conversion was not possible because of incompatible data formats or other compatibility problems. ■ The field length was zero or not consistent with the field format. *Action:* Check field values for correct formats and lengths.
119	One of the following has occurred: ■ 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. ■ The Adabas Vista configuration file was not available during an attempt to satisfy an Adabas Vista API request. *Action:* Check the availability of the configuration file. 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. *Action:* Review the availability of the configuration file.
122	An invalid partitioned file definition has been found in the Adabas Vista configuration file. *Action:* Check the file definition using Adabas Vista Online Services.
123	An invalid translation rule has been found in the Adabas Vista configuration file. *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: ■ An invalid command ID was specified in the Additions 1 field. ■ Different file numbers were detected for ISN lists. ■ An error occurred while processing a subsequent `S8` call.

Subcode	Meaning
	Action: Review the application program.
127	One of the following errors occurred while processing an S2 command: ■ An invalid sort sequence was specified. ■ An invalid ISN was detected during processing. ■ An error was detected during ISN processing. *Action:* Review the application program.
128	One of the following errors occurred while processing an S9 command: ■ The command ID value specified was assigned to another command. ■ An invalid sort sequence was specified. ■ An invalid ISN buffer length was detected. ■ The number of ISNs to be sorted as provided in ISN quantity is equal to 0. ■ The command ID value specified in Additions 4 was not found. ■ An invalid ISN was detected during processing. ■ An error was detected during ISN processing. *Action:* Review the application program.
129	The command limit defined for this source file has been exceeded. *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. *Action:* Review the Adabas response code.
133	One of the following errors occurred whilst processing a direction change during an L9 command sequence: ■ A second direction change for this sequence was attempted. ■ A format override cannot be processed. ■ A length override greater than specified in the FDT cannot be processed. ■ A length override has been specified with complex search criteria. *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. *Action:* Amend the command sequence to process either all S1 commands, or all S2commands, as appropriate.
200	ISN quantity is too high on this Sx command.

Subcode	Meaning
	Action: Perform a more specific Sx .
201	One of the following errors occurred while initializing AVIKRN: ∎ The dynamic load failed. ∎ The version is not compatible. *Action:* Check the Adabas Vista installation procedures.
250	ISN error when issuing ACBX style RI shared-hold calls with ACBXCOP3 set to "S". *Action:* Check ISN usage on shared-hold commands.
305	An error has occurred while attempting to access an Extreme partitioned file. *Action:* Contact your Software AG technical support representative 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. *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. *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. *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. *Action:* Contact your Software AG technical support representative.
2 (0x0002)	An inconsistency in an internal data structure was detected. This may indicate a logic error within Adabas Vista. *Action:* Contact your Software AG technical support representative.
3 (0x0003)	The S9 command is not supported on partitioned files. *Action:* Review the program logic.
4 (0x0004)	The F option for an L1 command is not supported on partitioned files *Action:* Review the program logic.
5 (0x0005)	The F option for a BT command is not supported. *Action:* Review the program logic.
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. *Action:* Review the program logic.
7 (0x0007)	The maximum number of active command ID values has been reached. *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. *Action:* Review the program logic.
9 (0x0009)	Adabas Vista is not compatible with the installed version of Natural, Adabas or Entire Net-Work. *Action:* Contact your Software AG technical support representative.
10 (0x000A)	The definitions for partitioned file do not exist. *Action:* Review the partition definitions in SYSAVI.
11 (0x000B)	The parititioning field does not exist in the FDT. *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. *Action:* Review the partition definitions in SYSAVI.
13 (0x000D)	The type for the parititioning field is not suitable. *Action:* Review the partition definitions in SYSAVI.

Subcode	Meaning
14 (0x000E)	The format buffer specified for an `N1` or `N2` command does not contain the partitioning field. *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. *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. *Action:* Review the partition definitions in SYSAVI.
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. *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. *Action:* Review the program logic.
19 (0x00013)	The license is not valid for this operating system. *Action:* Contact your Software AG technical support representative.
20 (0x00014)	The license has expired. *Action:* Contact your Software AG technical support representative.
21 (0x00015)	The license file could not be found. *Action:* Contact your Software AG technical support representative.
22 (0x00016)	The license key is invalid. *Action:* Contact your Software AG technical support representative.
23 (0x00017)	The license is for a different version of the product. *Action:* Contact your Software AG technical support representative.
24 (0x00018)	The license is not for this product. *Action:* Contact your Software AG technical support representative.
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. *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 your Software AG technical support representative. 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 field (in the ACBX) may contain the ID of the Entire Net-Work node that issued 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.
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. *Action:* Ensure that the NUCID assignments are valid.
30	More than 32 NUCIDs were detected for the same SVC/DBID combination. *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 your Software AG technical support representative. 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 your Software AG technical support representative 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 field (in the ACBX) may contain the ID of the Entire Net-Work node that issued 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 your Software AG technical support representative.

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 field (in the ACBX) may contain the ID of the Entire Net-Work node that issued 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

Subcode	Meaning
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
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. *Action:* Refer to IBM z/OS documentation for IEAVAPE for an explanation of its return code. Contact your Software AG 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. *Action:* Refer to IBM z/OS documentation for IEAVPSE for an explanation of its return code. Contact your Software AG 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 Software AG 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 field (in the ACBX) may contain the ID of the Entire Net-Work node that issued 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: ■ The CQE was unexpectedly taken by another call . ■ The user buffer (UB) is not receiving expected user information. ■ 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 Software AG 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 field (in the ACBX) may contain the ID of the Entire Net-Work node that issued 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 your Software AG technical support representative.
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.

VIII   SNA Sense Codes

11 SNA Sense Codes

Code	Explanation
082D	LU busy.
1801	Resource not available.
2001	Sequence numbering out of sequence after VTAM ABEND: /DADM PNET,vr,VARY,INACT,siehost,siegat /DADM PNET,vr,VARY,ACT,siehost,siegat

IX

12 Software AG Licensing Messages

The messages in this document may be produced by Software AG 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 Software AG mainframe product on a machine for which it is not licensed.
Action	Install and run the Software AG product on the machine for which it is licensed. If the problem persists, contact your Software AG 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 Software AG mainframe product on a machine for which it is not licensed.
Action	Install and run the Software AG product on the machine for which it is licensed. If the problem persists, contact your Software AG 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 Software AG mainframe product exceeds the capacity allowed in your product license. Either your license file is invalid or you have attempted to run the Software AG mainframe product on a machine for which it is not licensed.
Action	Contact your Software AG 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 Software AG 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 Software AG 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 Software AG sales representative to obtain an updated license.

MLC2001	**The product license is invalid**
Explanation	Your product license is invalid.
Action	Contact your Software AG sales representative for assistance.

MLC2002	**The product license key is invalid**
Explanation	The license file for the Software AG 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 Software AG sales representative for assistance.

MLC2003	**The product license is not for {value}**
Explanation	The license file for the Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG sales representative for assistance.

MLC3001	**Invalid LCPCB length**
Explanation	The license check routine has been incorrectly called.
Action	Contact your Software AG 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 Software AG support representative for assistance.

MLC3003	**Invalid function code**
Explanation	The license check routine has been incorrectly called.
Action	Contact your Software AG 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 Software AG support representative for assistance.

MLC3005	**Invalid product code**
Explanation	The product code passed through the license check routine is invalid.
Action	Contact your Software AG support representative for assistance.

MLC3006	**Invalid product version**
Explanation	The product version passed through the license check routine is not numeric.
Action	Contact your Software AG 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 Software AG support representative for assistance.

MLC3008	**Tag not found**
Explanation	The license check routine cannot find the requested XML tag.
Action	Contact your Software AG 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 Software AG support representative for assistance.

MLC3010	**Invalid search tag**
Explanation	The XML search tag requested by the license check routine is invalid.
Action	Contact your Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG support representative for assistance.

MLC9001	**License exceeds maximum size of 8000**
Explanation	Your license file is too large.
Action	Contact your Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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.

X   Universal Encoding System (UES) Component Error Codes

13 Universal Encoding System (UES) Component Error Codes

This chapter describes error codes issued by Adabas UES components and listed in other Adabas error messages.

Entire Conversion Service (ECS) Errors

The following table describes the error codes that might be produced by the Entire Conversion Service (ECS) component of Adabas UES code.

Error Code	Description
10	Error in CV call
11	Index value exceeds the maximum
12	Indexed LB cannot be used
13	Null repeat count detected
14	Data to be translated does not conform to the layout buffer
15	Send buffer length is invalid
16	TS or CVBU had already been initialized
18	Null length value specified
19	Repeat count/index value must be at least 2 digits long
20	ts_build_lb called before ts_alloc_lb was called
21	Element length exceeds the maximum
22	Error in floating point convert
23	Underflow or overflow in floating point conversion
24	TS routines called out of sequence
25	Error reading ASCII-EBCDIC mod file
26	Error opening ASCII-EBCDIC mod file
27	Syntax error in ASCII-EBCDIC mod file
28	Error opening Encoding Descriptor Definition file
29	Error reading Encoding Descriptor Definition file
30	Incomplete Encoding Descriptor Definition
31	Invalid modal escape sequence
33	Multi-thread serialization error
34	Memory allocation error
35	EDD Compile error. Invalid sequence of sections
36	Encoding Definition compilation failed
37	Invalid value for keyword
38	Subspace Dimensions Inconsistent

Error Code	Description
39	Unable to translate Encoding Descriptor Definition input line or unable to translate for output file processing
40	Invalid PVO passed to SPO allocate routine
41	Thread file resource failed
42	Write Buffer allocation failed
43	Actual fixed code point size to big
44	Logic error calculating relative char index
45	Logic error generating actual code point
46	Error reading a ECS object file
47	Logic error finding PTO to load
48	Allocated / read PTO is inconsistent EDD's PTO's out of sync
49	Relative to Character error: invalid relative index
50	Relative to Char error: out buffer overflow
51	EDD management logic error, expected entity not found
52	Bind utility object not found
53	Dangling PTO found
54	Character could not be converted to rel index
55	Translation buffer overflow. Truncation of non blank character
56	No thread local LBT available
57	Multi-thread Lock failed
58	Default translate objects not found
59	Bind statement syntax error in init file
60	Thread resource unavailable
61	Local objects present or already connected
62	Error when saving dynamic PTO: either UNICODE is source or target or I/O error
63	General character translation error
64	Invalid conversion handle
65	Handle capacity exceeded.
66	Runtime parameter could not be set
101	Invalid float field length
102	Warning - invalid flag or flags detected in RDA header
103	Invalid source floating point number
104	Warning - underflow occurred in float conversion
106	Warning - overflow occurred in the float conversion
107	Bad conversion parameters: source/destination encodings are equal or both UNICODE encodings
108	Multi-thread allocation error

Error Code	Description
109	Inline Work area allocation failed
110	Warning - truncation of nonblank characters
111	No DBCS PVO available
112	Bad untranslatable character
113	Bad fill character
114	DBCSONLY conversion of non-DBCS character
115	Non UNICODE character has no UNICODE PRECOMPOSED equivalent. Thus it cannot be decomposed.
116	Invalid modal fill. i.e., length > 0 but no room for mode change
121	Invalid integer field length
166	Runtime parameter could not be set

Open Virtual Operating System Interface (OVO) Errors

The following table describes the error codes that might be produced by the Open Virtual Operating System Interface (OVO) component of Adabas UES code.

Error Code	Description
-1	Parameter error
-2	No more space available
-3	String truncated
-4	File already open
-5	Invalid file name
-6	End of file or directory
-7	Operating system error (e.g., file/member not found or locale not supported)
-8	Undefined file handle
-9	File is not open
-10	New File already exists
-11	File not opened for read/write
-12	Function not supported
-13	File does not exist
-14	I18N Conversion not supported
-15	Unable to convert string (file name)
-16	Internal structure corrupted
-17	File locked by other process

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.

XI   User Abend Codes

14 User Abend Codes

The decimal abend (abnormal end) codes described in this chapter occur in ADAI*nn*, ADARUN, and in some utility messages or during replication or transaction manager processing. The message ADAM99 presents both system and nucleus STAE abend codes in hexadecimal; in this case, a nucleus abend code must first be changed to decimal before the description can be located 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

Code	Module	Explanation
57	(nucleus)	Unexpected error during online recovery
58	(nucleus)	Error in protection record bookkeeping
59	(nucleus)	Logic error during large object (LB) processing
60	(nucleus)	Unique descriptor update logic error
61	(nucleus)	Logic error in system field update
65	(replication)	Fatal error related to replication processing.
66	(replication)	Logic error in initial-state processing
67	(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)
220	MPMVSE	FREEVIS problem
221	MPMVSE	Invalid operating system
222	MPMVSE	Invalid function
227	MPMBS2	Wrong ADARER module found
228	MPMBS2	STXIT not successfully installed
229	MPMBS2	Invalid function in dependent MPM call

Code	Module	Explanation
231	MPMBS2	The command queue referenced in the ID table does not match the target ID in the call
232	MPMBS2	The ID table is being referenced but the MPM has a zero (0) address
233	MPMBS2	Adabas canceled in BOURSE WAIT (see the ADAM82 message description in *Adabas Messages and Codes*).
234	MPMBS2	Enqueue to IDT failed (BS2000)
235	MPMBS2	Unable to acquire memory for MPM client table UTAB (BS2000)
245	MPMMVS	Error locating ADAIOR in ESTAE recovery routine
246	RAOSSYDI (Adabas Review)	An error occurred when writing a message to the console (WTO).
247	MPMMVS	Unsuccessful STAE
248	MPMMVS or MPMF4	Invalid operating system or RMODE; for MPMF4, invalid operating system or RMODE; or CID GETMAIN failed The operating system check did not recognize a "known" operating system. The known system is z/OS. For z/OS: if the nucleus is running AMODE 31, then RMODE 24 was not set for at least one Adabas module other than ADALNK.
249	MPMMVS	Invalid function
251	ADARST	Unrecoverable abend of the Adabas Review subtask ADARST. See the ADAM90 message description.
252	IORSUB	Unrecoverable subtask abend. See the ADAM90 message description.
253	MPMIND	Nonrecoverable abend (caused by STAE/STXIT processing program check or nucleus abend) See the ADAM99 message description in *Adabas Messages and Codes*.
254	MPMIND	Invalid function in abnormal termination Recovery exit
255	MPMIND	Invalid function
257	MPMVSE	Return code on 24-call from FREEVIS
435	ADASIP	The specified subsystem name is already being used by another ADABAS SVC. This ABEND is accompanied by message ADAS16. Select another subsystem name and rerun the job.
436	ADASIP	The currently installed SVC is using a different subsystem. This ABEND is accompanied by message ADAS16 and may be overridden by the FORCE=Y parameter.
437	ADASIP	There are one or more potentially active targets in the IDT of the specified SVC. This ABEND is accompanied by message ADAS17 and may be overridden by the FORCE=Y parameter.
454	SVCVSE	SVC 04-call buffer address error
455	SVCVSE	SVC 16-call buffer address error
456	SVCVSE	SVC work area allocation error
470	SIPMVS	SVCMVS load error
471	SIPMVS	Incorrect SVCMVS

Code	Module	Explanation
472	SIPMVS	SSCT disappeared
473	SIPMVS	ADASIR non-zero return code
474	SIPMVS	SVC table entry changed
475	SIPMVS	SSCT already exists
476	LNKBS2	Request for user buffer memory in ADALNK failed
	SIPMVS	GETMAIN error
477	SIPMVS	Incorrect ADASIR
478	SIPMVS	ADASIR load error
479	SIPMVS	ADASIR or ADASVC were not found in the load libraries provided to the ADASIP job
480	SIPMVS	Open error
481	SIPMVS	EXEC PARM error
482	SIPMVS	SIPMVS not authorized
485	LNKBS2	Unsupported function
	LNKBTO	
	LNKIX1	
486	SVCMVS	Invalid PCR04 call
487	SVCMVS	Caller specified an unknown or invalid target. This is possibly caused by restarting an already active target using FORCE=YES.
488	SVCMVS	Invalid PCR16 call
489	SVCMVS	Invalid 48-call parameters
490	MPMBS2	Target ID table may only be changed by a communicator
	SVCMVS	
491	SVCMVS	SVC 12-call without 16-call required
	SVCVSE	
492	SVCMVS	Active dormant LX
493	SVCMVS	Invalid 00-call parameters
494	SVCMVS	Caller not authorized
496	SVCMVS	No IDT
497	SVCMVS	Invalid function
498	LNKBTO	Invalid UB
	LNKIX1	
499	LNKBTO	Length of user info less than zero
	LNKIX1	
500	LNKBS2	Error in link initialization routine
	LNKBTO	
	LNKIX1	

Code	Module	Explanation
501	LNKBTO	Incorrect router version
	LNKIX1	
502	LNKBTO	User exit before-call increased length of user info
	LNKIX1	
509	IORMVS	DEB error
513	SVCVSE	Invalid SVC-08 call
515	IORIND	GTALNK error
516	IORIND	RWINT error
517	IORIND	RWINT Cache Fast Write request error
519	IORIND	UPELE error
539	IORSUB	FVSE error
540	IORSUB	FVST error
545	IORMVS	BCP storage error
547	IORMVS	Initialization error
548	IORMVS	BCP error
549	IORMVS	DLECB error
550	IORMVS	QEDIT (block) error
551	IORMVS	CHKIO error
559	IORMVS	Incorrect SVC version
560	IORMVS	Maximum blocks/track > minimum, I/O error, global sequential BLKSIZE too big, or invalid number (ECBS)
561	IORMVS	EVENTS error
563	IORBS2	Invalid TDCE found during ADAIOR INIT
564	IORBS2	Failure to load ADAIOI or AT when trying to enable EVENT NAME
565	IORBS2	ECB list overflow
566	IORBS2	Invalid SOLSIG return code
567	IORBS2	Cannot load ADAONR
568	IORBS2	BCP error
569	IORBS2	WTOR error
570	IORBS2	CHKIO error
571	IORBS2	Invalid ECB type
572	IORBS2	Invalid event checksum
573	IORBS2	SOLSIG RC operator commands/EOC
574	IORBS2	No multiple RSOFEI postcode mem
577	LNKCX	User exit before-call increased length of USER INFO
578	IORVSE	CHKIO error

Code	Module	Explanation
579	LNKCX	Error in link initialization routine
580	LNKCX	Length of user info less than 0 (greater than 32K)
581	LNKCX	Incorrect router version
582	LNKCX	Invalid UB
583	IORMVS	QEDIT (CIBCTR) error
584	LNKCX	Unsupported function
591	IORVSE	EVENTS error
592	IORVSE	GETDVS error
593	IORVSE	IVST error
594	USRBTO	Invalid RMODE
595	IORVSE	EXTRACT error
596	IORVSE	GETLBL error
597	IORVSE	TOPMSG error
598	IORMVS	ADECB error
599	IORVSE	ADECB error
600	IORVSE	DLECB error
601	IORVSE	SUBSID error, invalid version, or ADAIOI could not be loaded
602	IORVSE	CKTDC error
603	IORVSE	Global sequential block size too big or invalid number (ECBS)
604	IORVSE	GETTVS error
605	IORVSE	Invalid printer device
606	LNKBS2	Unsupported ADALNK function code
607	LNKBS2	UB flags in ADALNK asynchronous call incorrectly set
608	LNKBS2	Length of user info less than 0 (greater than 32K)
609	LNKBS2	Unable to acquire ID table common memory
610	LNKBS2	User information length at ADALNK before-call too small
611	LNKBS2	WAIT error
612	RERBS2	IDT (identification table) common memory not accessible in router
613	RERBS2	Invalid router function code
614	SVCVSE	Invalid function via caller
615	SVCVSE	No IDT (identification table)
616	SVCVSE	Invalid 00-call parameters
617	SVCVSE	Invalid 40-caller
618	SVCVSE	Caller specified an unknown or invalid target. This is possibly caused by restarting an already active target using FORCE=YES.
619	LNK*XX*	Invalid SVC number in link routine

Code	Module	Explanation
	SVCVSE	Power job error in SVC
620	IORIND	IOR fatal error
622	LNK*xx*	Invalid SAVE area in UB (LUEXIT1). SAVE area (USERSAV) in the Adabas link routine was less than 72 bytes and user exit 1/2 (B/A in Adabas 7) was invoked.
627	IORVSE	64-bit I/O not supported for dev
628	IORVSE	GETMAIN error during startup
	IORMVS	
629	IORVSE	ADAOPTD could not be found, or could not be loaded into storage
631	IORVSE	GETVIS failed for sequential file table
632	IORVSE	No more slots in sequential file table
633	IORVSE	Internal error file name not found
634	IORVSE	Return code from LABEL macro greater than 4
635	IORVSE	PFIX/PFREE issued from dynamic partition
639	LNKCX	A CICS GETMAIN request failed.
640	LNKBS2	No memory available for BS2000 LNK anchor block
640	ADALNK	No memory available for LNK anchor block (BS2000)
641	LNKBS2	The SM6 ADALNK detected a router at 5.2 SP5 level or lower. The ID Table must be initialized with an Adabas nucleus at level 5.2 SP6 or higher.
642	LNKBS2	The ADALNK cannot read the DDLNKPAR parameter file; the file may be empty, or it may be an ISAM file. Use a SAM/V data set that was created by EDT.
643	LNKBS2	The ADALNK detected a syntax error in the DDLNKPAR parameters. Correct the syntax and rerun.
645	LNKCX	The CICS macro level interface is not supported for CICS/ESA 3.2 and above.
646	IORBS2	Cannot read the SYSDTA data set; see the message ADAI56 description.
647	LNKBTO	Invalid reentrant work area address
	LNKIX1	
648	LNKIX1	Invalid AIBTDLI entry address
649	LNKCX	CICS TWA not present or too short
	LNKIX1	AIBTDLI INQY ENVIRON call failed
652	LNKBS2	Invalid PAL
	LNKBTO	
	LNKCX	
	LNKIX1	
653	LNKCX	Attempted double wait on UB element

Code	Module	Explanation
654	ADALNK	ADALNK: unsupported operating system version, unsupported HSI. Adabas version 6.1 and above requires BS2000 version 10 and above and XS31 hardware.
655	ADALNK	Incompatible versions of ADALNK and ADAL2P. Check library assignments; check TSOSLNK/BINDER protocols. See message ADAK09.
656	ADALNI	An internal error occurred when the IMS link routine could find the proper IMS structures to properly set the value for the *userid* (the last eight bytes of the 28-byte Adabas communication ID). When this user abend occurs, contact your Software AG support representative and provide a dump including the registers at time of the abend so the reason code stored in R15 can be seen and evaluated.
657	LNKBTO	Dynamic SVC lookup table missing
	LNKCX	
	LNKIX1	
658	LNKBTO	LNKUES module not available to ADALNK
	LNKCX	
	LNKIX1	
659	SVCMVS	PC routine invoked by invalid caller.
660	LNKCX	CICS instructed ATM to perform a single-phase commit, but the outcome of the attempted commit could not be determined.
661	SVCMVS	Name/Token service error.
662	LNKBTO	Program cancel from UEXITR
	LNKCX	
	LNKIX1	
663	LNKCX	LNCSTUB DCI initialization failed
664	LNKBTO	SVC incompatible with install program
	LNKCX	
	LNKIX1	
	SVCMVS	
	SVCVSE	
665	SVCMVS	Invalid SVC caller
	SVCVSE	
666	RERBS2	Invalid AB deallocation length
	SVCMVS	
	SVCVSE	
667	SVCMVS	Unsupported z/OS release or missing CPU features. ArchLvl 2 (64-bit) is required.

Code	Module	Explanation
668	ATMCXRMI	A syncpoint operation was triggered by an Adabas command, but the user's communication ID was not known
	LNKCX	
	LNKIX1	
669	SVCMVS	S64 recovery routine manager error.
670	link routines	The CICS EXTRACT command used to obtain the Adabas Task Related User Exit (TRUE) global work area failed. The Adabas 8 or enhanced Adabas 7 CICS environment is not correctly established. To determine the cause, consult the messages associated with starting the Adabas TRUE issued from ADAENAB (if you are running Adabas 7) or from ADACIC0 (if you are running Adabas 8).
671	RERBS2	Attempted router call to shared 64-bit storage Recovery Routine Manager (RRM) on BS2000. Not available on this platform.
672	SVCMVS	IDT extension not provided. Possible incorrect version of ADASIR (z/OS) or ADAIPR (z/VSE).
	SVCVSE	
673	SVCMVS	Invalid PCRCLU caller.
674	link routines	A version 8 call using the ACBX has been made, but the link routine did not detect a valid reentrancy token in direct call (field APLXRTOK) of the Adabas 8 parameter list.
675	LNKCX	ADL consistency exit not linked
676	link routines	The work area passed to an Adabas 8 link routine in the direct call (field APLXRTOK of the APLX) was invalid, or the attempt to obtain storage for the work area failed.
677	LNKCX	CICS GETMAIN for a UB failed
678	link routines	The Adabas 8 link routine could not find the address of a link global table, either because it was not linked with the Adabas 8 link routine, or because an attempt to load the link globals table failed. In BS2000 environments, the memory pool accessed does not contain an Adabas ID table.
679	LNKBS2	Unable to set up the DBID/IDT Table (Get Memory error)
	LNKBTO	ADATMZ invalid header provided
680	LNKBS2	Could not get router ID table memory pool. Check the ID table name in the parameter file/module.
	LNKBTO	ADATMZ unable to obtain work area
	LNKCX	
681	LNKCX	There was 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	LNKCX	TRUE name cannot be located

Code	Module	Explanation
683	LNKBTO	Multiple ECB wait not supported
687	IOSMVS	Error queuing parallel request
688	ADAIOR	Fatal error during a switch from SRB to TCB mode when Adabas is zIIP-enabled
689	ADAIOR	Fatal error during a switch from TCB to SRB mode when Adabas is zIIP-enabled
690	ADAIOR	A call has been issued in SRB mode, but Adabas is not zIIP-enabled
691	IOSMVS	Error leaving or joining enclave
692	ADAIOS	Dataset allocation error
800	NETSIP/OS	Invalid operating system detected - not MVS
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

XII

15 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 class/resource

Explanation	The execution security check made when starting a nucleus or utility has failed. The job abends U0042. *Class* and *resource* show the resource class and profile 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 nucleus or utility has failed. 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.

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.

16 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.

17 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

18 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 Software AG 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 Software AG 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 Software AG 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.

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.

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.

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 Software AG 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 AG 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.

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.

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.

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.

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.

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.

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.

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 Software AG 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 AG 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 AG 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 AG 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 Software AG 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.

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.

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.

AAS0127I	**Listening Port={port}**
Explanation	The listening port is given in the message.
Action	No action is required for this informational message.

AAS0128I	**Listening Port={port}**
Explanation	The listening port is given in the message.
Action	No action is required for this informational message.

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.

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.

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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative for assistance.

AAS0305S	**AIF exit error={error}**
Explanation	An AIF exit error occurred.
Action	Contact your Software AG 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 Software AG technical support representative for assistance.

AAS0313S	**Invalid message version received**
Explanation	An internal Adabas Administration Services error occurred.
Action	Contact your Software AG technical support representative for assistance.

AAS0314S	**Invalid message segment received**
Explanation	An internal Adabas Administration Services error occurred.
Action	Contact your Software AG 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 Software AG 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 Software AG technical support representative for assistance.

AAS0318S	**Local database resources problem. Increase NU parameter**
Explanation	An internal error occurred.
Action	Contact your Software AG technical support representative for assistance.

AAS0319S	**Unable to remove Directory Service Dbid={dbid} Url={url}**
Explanation	An internal error occurred.
Action	Contact your Software AG 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 Software AG 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 Software AG Directory Server.
Action	Contact your Software AG 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 Software AG 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 Software AG 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 Software AG 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 AG 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.

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 AG technical support representative for assistance.

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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative for assistance.

AAS0635E	**XTS library cannot be loaded**
Explanation	The Software AG Transport Subsystem library could not be loaded.
Action	Contact your Software AG 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 Software AG technical support representative.

AAS0637E	**Invalid request**
Explanation	An invalid request was attempted.
Action	If you cannot identify and resolve the problem, contact your Software AG 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 AG 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 AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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.

19 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.

dbid	5-byte database ID where command was issued.
userid	8-byte user ID of user initiating command for z/OS.
	8-byte jobname of job that executed the command for z/VSE.
	8-byte TSN of job for BS2000.
	"*unknown" will be displayed if there is no userid or UQE found.
	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).
	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 AG.

20 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.

ACLX01	**Old RUBX arrived**
Explanation	A RUBX for Adabas Review 4.4 or earlier has been received by the Adabas 8.2 nucleus. The older RUBX has been translated into a new format. This causes some performance degradation. New fields which do not exist in Adabas Review 4.4 are not translated.
Action	Determine which ADALNK contains an old Adabas Review module.

ACLX02	**REV45 RUBX arrived and ignored**
Explanation	A RUBX for Adabas Review 4.5 or later has been received by an Adabas 8.1 nucleus. The newer RUBX is ignored. The RUBX fields in Adabas Review are empty.
Action	Use the Adabas LX library for Adabas Review 4.5 or use Adabas 8.2.

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.

21 ADAA* Adabas Auditing Messages

> **Note:** Each of the messages in this section starts with the relevant database ID.

ADAA01	**{yyyy.mm.dd hh.mm.ss} No connection attempts will be made as a {yyyy.mm.dd hh.mm.ss} 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.

ADAA0G	**{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 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.

ADAAE2	**Analytics activated for file {nnnnn} due to request from ADADBS/AOS**
Explanation	Analytics was activated for file *nnnnn*. The second message only appears if the reason code indicates the request was from ADADBS or AOS.
Action	No action is required for this informational message.

ADAAE6	**{yyyy.mm.dd hh.mm.ss} No connection attempts will be made as a {yyyy.mm.dd hh.mm.ss} result of the AUDCONNECT request**
Explanation	This message is printed as a result of the AUDCONNECT operator command (issued to an Adabas nucleus). 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 Auditing Server IDs that might have been specified.

ADAAEG	**{yyyy.mm.dd hh.mm.ss} A connection will be attempted {yyyy.mm.dd hh.mm.ss} with server id**
Explanation	This message is printed as a result of the AUDCONNECT operator command (issued to an Adabas nucleus). The message is printed for each Auditing Server ID for which the nucleus attempts a connection.
Action	No action is required for this informational message.

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.

ADAAPM	**The parameter {xxxxxxxxx} must be in a group of file parameters**
Explanation	The parameter must be proceeded by an ADAANP FILE statement.
Action	Check the parameter; correct the error and rerun the job.

ADAAPN	**The parameter {xxxxxxxxx} must be in a group of global parameters**
Explanation	The parameter must be proceeded by an ADAANP GLOBAL statement.
Action	Check the parameter; correct the error and rerun the job.

ADAAPO   **Only YES or NO are valid values for parameter {xxxxxxxxx}**

Explanation   Only YES or NO are valid values for this parameter.

Action   Check the parameter; correct the error and rerun the job.

ADAAPP   **Only YES, NO, or FIELDS are valid values for parameter {xxxxxxxxx}**

Explanation   Only YES, NO or FIELDS are valid values for this parameter.

Action   Check the parameter; correct the error and rerun the job.

ADAAPQ   **Invalid Adabas field name xx contained in parameter {xxxxxxxxx}**

Explanation   The Adabas field name does not conform to Adabas field name standards and will not be included in the list of field names.

Action   Check the parameter; correct the error and rerun the job.

ADAAPR   **Parameter FSERVERID | GSERVERID must be in the range 1 - 65535**

Explanation   Only numbers in the range from 1 through 65535 are allowed.

Action   Check the parameter; correct the error and rerun the job.

ADAAPS   **Parameter GAPWARNINCREMENT must be in the range 1 - 99**

Explanation   Only numbers in the range from 1 through 99 are allowed.

Action   Check the parameter; correct the error and rerun the job.

ADAAPT   **Parameter GAPWARNINTERVAL must be non-zero**

Explanation   Only a non-zero value is allowed.

Action   Check the parameter; correct the error and rerun the job.

ADAAPU   **Parameter GAPWARNMESSAGELIMIT must be non-zero**

Explanation   Only a non-zero value is allowed.

Action   Check the parameter; correct the error and rerun the job.

ADAAPV   **Parameter GAPWARNPERCENT must be in the range 1 - 99**

Explanation   Only numbers in the range from 1 through 99 are allowed.

Action   Check the parameter; correct the error and rerun the job.

ADAAPW	**Parameter FSERVERID | GSERVERID must not be equal to the current database ID**
Explanation	The value cannot be equal to the current database ID.
Action	Check the parameter; correct the error and rerun the job.

ADAAPX	**Parameter FLIST contains invalid file number {nnnnnnnnnn}** **Parameter FLIST contains invalid file range {nnnnnnnnnn} - {nnnnnnnnnn}** **From file number will be set to 1** **To file number will be set to maximum file number {nnnnn}**
Explanation	The parameter contains an invalid file number or range. An invalid file number will not be included in the file list. If both numbers in a file range are invalid and the FROM value is not 0, the file range will not be included in the file list If the FROM value is 0 it will be set to 1, the lowest possible value. If the TO value is greater than the maximum file number and the FROM value is 0 or a valid value, the TO value will be set to the maximum file number.
Action	Check the parameter; 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 FLIST parameter is required and missing from the group of file parameters. The group of file parameters will not be used.
Action	Check the parameter; correct the error and rerun the job.

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. The group of file definitions will not be used.
Action	Check the parameter; correct the error 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 Analytics Server. Contact your DBA, system support personnel, or Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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.

ADAA1U	{nnn} output subtasks have been detached
Explanation	The Analytics Server output subtask termination process has completed. The total number of subtasks that have been terminated is given in the message (*nnn*).
Action	No action is required for this informational message.

ADAA1V	Subtask {nnn} detach error {eee} occurred
Explanation	An error occurred while an Analytics Server output subtask was being detached. The subtask number (*nnn*) and the error number (*eee*) are given in the message.
Action	Analytics Server termination continues. Contact your DBA, system support personnel, or Software AG technical support for assistance.

ADAA1W	Waiting for the termination of analytics server output subtasks
Explanation	The termination of Analytics Server output subtasks is in progress.
Action	No action is required for this informational message.

ADAA1X	{nnn} output subtasks to be attached
Explanation	The Analytics Server is preparing to attach output subtasks.
Action	No action is required for this informational message.

ADAA17	All output subtasks could not be initialized
Explanation	One or more Adabas Analytics Server output subtasks 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, refer to *SUBTASKWAIT (Subtask Wait Time) Parameter*, in the *Adabas Analytics* documentation.
Action	Evaluate the setting of the SUBTASKWAIT parameter for your Adabas Analytics 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 Software AG technical support.

22 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.

23 ADAD* Abend Code Messages

ADAD01	**{version} {job-name} abend code {code}**
Explanation	This message is displayed on SYSLOG when an abend condition occurs within ADALNK.
Action	ADALNK issues the following information:

version	the Adabas version
job-name	the z/VSE job name
code	the **abend code**

24 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.

25 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 *iiiiiiiii*" 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:** **Reptor {dbid}** **File {filenumber}** **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. 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 Software AG 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 {dddddddd} DBID {xxxxx} FNR {fffff}** **Action ISN {iiiiiiiiii} Rsp {rrrrr} Subcode {sssss}**
Explanation	A record with ISN iiiiiiiiii for destination dddddddd 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 Software AG 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 Software AG 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 Software AG 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 AG. If the problem persists, contact your Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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, webMethods 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 webMethods 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 {dddddddd} does not have a matching DBID/FILE in Subscription {ssssssss}
Explanation	For DESTINATION NAME=dddddddd, 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 Software AG 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 Software AG 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 {ddddddd}**
Explanation	In DESTINATION NAME=ddddddd, 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 Software AG 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 Software AG 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: {zzzzzzzzzzzzzzzzzzzzzzzzzzzzzzz}** **xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx**
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 webMethods EntireX, the service name associated with the destination or input queue has not been defined to webMethods 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 webMethods EntireX.

■ Messaging System incorrect - For WebSphere MQ, the queue manager is not known to WebSphere MQ. For webMethods 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 webMethods EntireX.

■ 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.

■ 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 webMethods 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 webMethods 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 webMethods 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 Software AG 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 Software AG 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 Software AG 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 AG 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 terminate input queue *iiiiiiii* F=*ffffffffff*/*yyyyyyy* *nnn*/*xxxxxxx*/*yyyyyyy*	An error was encountered while attempting to terminate input queue *iiiiiiii*. The request that was issued (*ffffffffff*) 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*/*xxxxxxx*/*yyyyyyy* in the message. The underlying messaging subsystem return and reason codes respectively are given to help with error diagnosis.
Error encountered while attempting to Disconnect from input queue manager '*manager name*' F=*ffffffffff* RC=*nnn*/*nnn*/*xxxxxxx*/*yyyyyyy*	The input queue manager disconnect from the given queue *manager name* has failed. The request that was issued (*ffffffffff*) 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*/*xxxxxxx*/*yyyyyyy* in the message. The underlying messaging subsystem return and reason codes respectively are given to help with error diagnosis.
Error encountered while attempting to Connect to input queue manager '*manager name*' F=*ffffffffff* RC=*nnn*/*nnn*/*xxxxxxx*/*yyyyyyy*	The input queue manager connect to the given queue *manager name* has failed. The request that was issued (*ffffffffff*) 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*/*xxxxxxx*/*yyyyyyy* in the message. The underlying messaging subsystem return and reason codes respectively are given to help with error diagnosis.
Error encountered while attempting to 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 Software AG 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 **{yyyyyyyyyy} error in output subtask {nnn}**

Explanation An error has occurred during the processing of output subtask number *nnn*. The *yyyyyyyyyy* 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'. 'yyyyyyyyyy' 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: {xxxxxxxxxxxxxxxxxxxx}**

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 webMethods 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 Software AG 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 Software AG 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 AG 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 Software AG 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 Software AG 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. **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. **Action:** Contact your Software AG 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. **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 PLOG *start date/time1* session *session1* blocks *first - last1* 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. **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 Software AG technical support representative for assistance.
Error - PLOGs missing between PLOG *start date/time1* session *session1* blocks *first - last1* 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. **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 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

Error Text	Explanation and Action
	data set is not "1". A partial ADARPL job stream may be generated, but it will not execute. **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. **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. **Action:**
Note - PLOGs sessions *sess1* through *sess2* missing 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. **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* 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. **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 for subscription *subs-name* dbid *dbid* file *fn* response code *rc* reason code *rsn*	An error occurred related to a subscription file filter definition.
Failed to set conversion attributes to user encoding for subscription *subs-name* dbid *dbid* file *fn* 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 AG 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 Software AG 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 Software AG 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* 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* 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 Software AG 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 AG 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 AG 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 Software AG 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 AG 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 AG 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.

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.

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 webMethods EntireX or WebSphere MQ destination definitions.
Action	Remove the `DQFULLDELAY` parameter for the Adabas, file, or null destiniation 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 {xxxxxxx} database {nnnnn} file {nnnnn}**
after/before/key image uses global format buffer {xxxxxx}
This global format buffer is optimized for processing initial state data only
The subscription destination {xxxxxxx} 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 webMethods 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 webMethods 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 webMethods 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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: {xxxxxxxx} 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.

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.

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.

26 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 DD/PRINT.

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 DD/PRINT.

27 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 {stor-req} ({source})
	GETMAIN {stor-req} {stor-avail} ({source})
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, *stor-req* is the amount of memory requested, *stor-avail* is the amount of memory available, and *source* (printed only under z/VSE) is the source of the memory (GETVIS, COMREG, ADABUF).

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	**Note:** This message is available in z/OS systems only. 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	**Note:** This message is available in z/OS systems only. 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 (z/OS) or DLBL name (VSE) of the data set .
lu	The logical unit where the failure occurred (z/VSE only).
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 Software AG technical support representative.

ADAI22   **ADAIOR Trace table: --> is current entry**

Explanation   The ADAIOR trace table has been activated and printed.

ADAI23   **{dbid} {job-name} abend code {code}**

Explanation   z/VSE and BS2000 systems only. ADAIOR is asked to abend a job. A dump is normally also provided. The message values are:

dbid	database ID
code	the abend code (refer to the abend code descriptions in chapter 4).
job-name	the z/VSE job name or BS2000 program name.

ADAI24   **{dbid} Ready for operator communication**

Explanation   SYSLOG displays this message once operator communications has been requested by the operator with the z/VSE MSG command. The value *dbid* is the database ID.

Action   Enter a valid Adabas command.

ADAI26   **{dbid} {job-name} completion code {code}**

Explanation   BS2000 systems: This message displays the normal termination return code. If a nonzero abend code is displayed, the BS2000 program task switch 10 is set on.

z/VSE systems: The end-of-job (EOJ) "RC=(RX)" sets the return code for the operating system. The message provides the database ID (dbid), job name, and return code.

Action   BS2000 systems: If job variables are installed, the abend code is passed to the controlling job variable. A job variable assigned with link "*ADA" is set with the following information:

program name (8 bytes) completion code (4 bytes) error number (5 bytes) Adabas response code (5 bytes)

z/VSE systems: For a nonzero abend code, refer to the description in chapter 4. If the DUMP option was specified, refer to the resulting dump, if needed, to determine the cause of the abend. The job step is terminated.

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.

ADAI31	{dbid} Opening tape file {file-name} SYS{nnn}={cuu}
Explanation	**Note:** This message is available in z/VSE systems only.

This SYSLOG message means that a tape file was opened. Meanings of the message fields are:

dbid	Adabas database
file-name	filename of the input/output file opened
nnn	z/VSE logical unit ID
cuu	physical address of the selected drive

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. |

ADAI39   **Fixed {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 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	**Note:** This message is available in z/OS systems only.

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 Software AG 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 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, the allocated storage is backed by pageable 4K pages.	Consider the following actions: ■ 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

Message Ending	Description	Action
		assistance. For more information, read your IBM *MVS Initialization and Tuning* documentation.
"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: ■ 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.
"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.

ADAI51	**{dbid} Adabas PAM BS2000 I/O error {err-num} in file {file-name}**
Explanation	BS2000 systems only: A PAM I/O error occurred on DASD file *file-name*. This message is issued in conjunction with message **ADAI52**.

- *err-num* is the DMS error code. The explanation for the error can be found out using the following online command:

```
HELP-MESSAGE DMS<err-num>
```

- *file-name* is the file name in which the error occurred.

Action	Use the command /HELP-MESSAGE DMS<*err-num*> to describe the I/O error.

ADAI52	**RABN={error-rabn} ({start-rabn}) OP={op-code} ST={fecb}**
Explanation	BS2000 systems only: A PAM I/O error occurred on DASD file *file-name*. This message is issued in conjunction with message **ADAI51**.

- *error-rabn* is the RABN where the error occurred.
- *start-rabn* the RABN where the operation began.
- *op-code* comprises one or more of the following operation code values:

X'80'	READ read operation
X'40'	WRITE write operation
X'20'	FORMAT format operation
X'10'	ENDOFTRK read or write to track end
X'08'	RENOWRT no write if read-only nucleus

- *fecb* is the FECB block status used for the I/O error, and comprises the SENSE, GERAETE (device), ABM and NPA fields. For more information, contact your Software AG technical support representative.

ADAI53	**{dbid} Adabas BS2000 I/O error {err-num} in file {file-name}**
Explanation	BS2000 systems only: This is the first part of an I/O error message. The message is followed by message ADAI54. The *err-num* is a BS2000 error code. The *file-name* shows the link name for the failed data set.
Action	Use the command /HELP-MESSAGE DMS <*err-num*> to describe the I/O error.

ADAI54 **{dbid} Exit={value}, status={fcb-status}**

Explanation BS2000 systems only: The *value* is the error exit byte of the BS2000 FCB.

fcb-status is a six-byte status containing the following:

byte 0:	device byte
bytes 1-3:	sense bytes 1-3
byte 4:	executive flag byte
byte 5:	count of processed PAM pages

ADAI55 **{dbid} Solsig error R15={ret-code}, post-code={post-code}**

Explanation BS2000 systems only: The system received an invalid return code (*ret-code*) or post code (*post-code*) when issuing a Solsig WAIT supervisor call (SVC). *dbid* is the database ID.

Action Refer to the BS2000 System Macros manual for information about the return code.

ADAI56 **{dbid} Unexpected RC {ret-code} from {macro}**

Explanation BS2000 systems only: The data set assigned to SYSDTA is either a non-SAM/V data set, or it contains records longer than 80 bytes. The value *macro* is RDATA.

ADAI57 **{dbid} Unable to load ADAIOS**

Explanation An attempt to load ADAIOS failed. Check your LOADLIB and your partition sizes; either the partition is too small or the ADAIOS member is missing from the LOADLIB.

ADAI5X **{dbid} Subtask {name} started with TSN {xxxx}**

Explanation The subtask listed in the message (*name*) started with the TSN shown in the message (*xxxx*).

Note: This message occurs in BS2000 environments only.

Action No action is required for this informational message.

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 [in ESA64 mode]
Explanation	z/OS systems only: 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.
	If EXCPVR is in use, and the operating system and processor support the allocation of real storage above the 2 gigabyte line, "in ESA64 mode" appears in the message.
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.

ADAI66	{dbid} ADAIO2 {error-code} {message}
Explanation	The *error-code* is the Fujitsu Technology Solutions macro return code. The *message* is one of the following produced by the database main task while attempting to start a subtask:

```
        enabling subtask COM memory
        Enabling wait on contingency
        Enabling Wait
        Entering Job
        Get parameter memory
        Get submit file
        Opening submit file
        SET FILE LINK
        STXIT call error
```

The main task may not be accessible or has terminated.

Action   Contact your Software AG technical support representative.

ADAI67   **{dbid} ADAI2S {error-code} {message}**

Explanation   The *error-code* is the Fujitsu Technology Solutions macro return code. The *message* is one of the following produced while attempting to start a subtask in the subtask startup module:

Message	Description
no mother task common memory	The memory pool containing data from the mother task is not accessible. The mother task has timed out or terminated.
no enable to mother's event	Mother task-to-subtask communication cannot be established. The mother task has probably terminated.
cannot share mother's low memory	The subtask parameter address area cannot be accessed.
cannot load subtask *<subtask-name>*	An error occurred while loading the subtask. Check the DDLIB and BLSLIB*nn* link names for libraries containing the subtask name (*subtask-name*) given in the message.
cannot post mother program	Communication with the mother task is no longer possible. The mother task has probably terminated.
STXIT definition error	A system error occurred while establishing the ESTAE(STXIT) exit for the subtask. Check the system resources.

ADAI68   **{dbid} ADAIO2 {message}**

Explanation   **Note:** This message appears in BS2000 systems.

The *message* providing information about BS2000 subtasks is one of the following:

```
DISABLING SUBROUTINE subtask-number subtask-startname
```

The subtask with the number and startup name specified is being disabled.

```
SUBTASK POSTED RC: return-code
```

The subtask posted the specified return code.

Action	If this message occurs because of regular disabling processing, such as through the use of the ADAEND command, no action is required.

If this message occurs because of an unexpected error, then either the additional message "SUBTASK POSTED RC: *return-code*" is printed or additional messages can be found in the subtask-specific protocol. In this case, contact your Software AG technical support representative for assistance.

ADAI69	**ADALNK is running in {mode} mode**
Explanation	**Note:** This message appears in BS2000 systems.

ADALNK writes this message to tell you the mode it thinks it is running in where *mode* is one of the following:

BATCH/TIAM	batch or Fujitsu Technology Solutions as carrier
UTM/3GL/AMS	on UTM with an Assembler or 3rd generation language such as COBOL, C, FORTRAN, etc.
UTM/NATURAL	on UTM running Natural

Note: To suppress this message, set the B2CONFIG parameter in SSFB2C:

LNKMSG=NO

Action:	No action is required for this informational message, although you can use this message for diagnosing errors.

ADAI6U	**File: {llllllll}, GCB Blksz {nnnnnnnnnn} > physical {mmmmmmmmmm}, decrease or format**
Explanation	BS2000 only: For ASSO or DATA containers, the declared size *nnnnnnnnnn* is larger than the physical size *mmmmmmmmmm* for the container on link name *llllllll*. This happened after running the ADADBS INCREASE utility function or a wrong declaration of the size when the container was defined with the ADADEF utility. This can lead to I/O errors and database maintenance problems.

It is no longer possible to start the nucleus or run Adabas utilities other than the ADADBS, ADAFRM or ADAREP utilities.

Action:	Either run the ADADBS DECREASE utility function with a size of *nnnnnnnnnn - mmmmmmmmmm* blocks or run the ADAFRM utility with FROMRABN=NEXT and a size of *nnnnnnnnnn - mmmmmmmmmm*.

ADAI6Y   **{file} DD{tttt}R{n }Device-Type 8f extension needs DEVICE=23{xx}**

Explanation   BS2000 only: An 8f device is required for the file named in the message (*file*). Other substitutions in the message are:

tttt	The Adabas component type. Possible values are "ASSO", "DATA", or "WORK".
n	The device number. Possible values range from "1" through "99".
xx	The valid 8f device type. Possible values range from "00" through "02".

Note: To avoid receiving this message, set the ADARUN ALLOW8F parameter to "Y".

Action: No action is required for this informational message, although you can use this message for diagnosing errors.

ADAI70   **{DDCARD | DDKARTE} has invalid attribute {RECFM=x | LRECL=n }**

Explanation   **Note:** This message occurs only in z/OS environments.

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 Software AG 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.

ADAI83   **{ENQ | DEQ} failed for {DDPRINT | DDDRUCK} return code {nnnn} reason code {nnnn}**

Explanation   **Note:** This message occurs only in z/OS environments.

An ENQ or DEQ failure occurred when writing a print line to DDPRINT or DDDRUCK.

Action   Contact your Software AG technical support representative for assistance.

ADAI84   **Write to {DDPRINT | DDDRUCK} failed - {SYNAD exit driven | abend code {nnnnnnnn} }**
All further writes to {DDPRINT | DDDRUCK} will be ignored

Explanation   **Note:** This message occurs only in z/OS environments.

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.

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.

ADAI85	**Resource Manager page-free request successful**
Explanation	**Note:** This message occurs only in z/OS environments.
	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	**Note:** This message occurs only in z/OS environments.
	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 Software AG technical support representative.
	If a system abend occurred, ensure that the dump is available for problem diagnosis

ADAI87	**Resource Manager input parameter invalid**
Explanation	**Note:** This message occurs only in z/OS environments.
	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 Software AG technical support representative.
	If a system abend occurred, ensure that the dump is available for problem diagnosis

ADAI91	**Pause Element services initialized for zIIP**
Explanation	**Note:** This message occurs only in z/OS environments.
	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 ✻ by Resource Manager}**
Explanation	**Note:** This message occurs only in z/OS environments.
	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	**Note:** This message occurs only in z/OS environments.
	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 Software AG 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 Software AG technical support representative for further assistance.

ADAI95	**Storage allocation error - descriptor {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 Software AG technical support representative for further assistance.

28 ADAJ* System Messages

ADAJ00	**Reading input for file {file-name} from library {lib-name} sublib {sublibrary} member {mem-name} . {mem-type} {count} cards**
Explanation	z/VSE systems only: A valid "* SAGUSER" statement was found and is being used for ADARUN/Adabas utility input. ADARUN input has the file name "CARD", and utility input has the file name "KARTE". If the library and sublibrary are not specified on the * SAGUSER statement, the message indicates which of the current LIBDEF SOURCE libraries is being used for card input.

This message is controlled by the JBXIMSG parameter in the Adabas options table, as follows:

JBXIMSG=YES	display on console and print message
JBXIMSG=PRT	(default) print the message only
JBXIMSG=NO	neither display nor print the message

ADAJ99	**File {file-name} {req-type} error on library {lib-name} . {sublibrary} member {mem-name} . {mem-type} - {error-type}**
Explanation	z/VSE systems only: A * SAGUSER statement containing file and member information was read, but an error occurred. ADARUN input has the file name "CARD", and utility input has the file name "KARTE". The librarian request type (*req-type*), is one of the following:

CLOSE	LIBDEF
GET	OPEN

The requested library (*lib-name*) and sublibrary (*sublibrary*) as specified on the * SAGUSER statement are provided in the message; if neither were specified, the message is an indication that the error occurred on the current LIBDEF SOURCE concatenation.

The *error-type* can be one of the following:

SUBLIBRARY NOT FOUND

An invalid sublibrary was specified.

LIBRARY NOT FOUND

An invalid library was specified. Ensure that the DLBL and EXTENT information was supplied for the library.

MEMBER NOT FOUND

The specified member does not exist on either the specified "lib-name.sublibrary" or in the libraries of the current LIBDEF SOURCE concatenation.

NO SUBLIB SPECIFIED

A library name without a sublibrary name was specified on the * SAGUSER card.

INVALID MEMBER TYPE

An invalid member type (PROC, OBJ, PHASE or DUMP) was specified.

RETCODE ret-code REASON reason-code

An internal librarian error occurred. Refer to the librarian feedback codes for more information. "ret-code" and "reason-code" are hexadecimal values.

This message is controlled by the JBXEMSG parameter in the Adabas options table, as follows:

JBXIMSG=YES	display on console and print message
JBXIMSG=PRT	(default) print the message only
JBXIMSG=NO	neither display nor print the message

Action   Correct the job setup according to the information provided above, and rerun the job.

29 ADAK* System Messages

The following messages may appear when errors occur in the Adabas CICS and BS2000 TP monitor interface operations.

When CICS is started, the Adabas TP monitor component displays several informational or error messages on the system console. These often contain the addresses of key Adabas and CICS control blocks which are useful in problem determination.

- Be sure that the console messages indicate that the Adabas TRUE environment has been properly established.

- If an error message is produced, note the CICS EIBRESP, EIBRESP2, and EIBRCODE, which is displayed.

- Note any Adabas response code (ACBRSP) displayed by the TP monitor program at CICS startup.

ADAK001	**Installation messages will be written to queue {qname} file {dname}**
Explanation	This message is produced when the following ACIOPT statement is coded:

```
ACIOPT ENTRY=GLOBAL,IMSGDEST=TDQ/BOTH,IMQNAME=qname
```

	It provides the name of the transient data queue (qname) where installation messages are written and the DD name (z/OS) or DLBL name (z/VSE) of the file (dname) associated with the transient data queue
Action	No action is required for this informational message.

ADAK01	**{dbid} Unexpected return code {ret-code} in {function}**
Explanation	During BS2000 TP monitor interface operations, the return code (*ret-code*) given in the message occurred in one of the following functions and for the specified reason:

Function	Reason
TRGENAMP	enable memory pool (ENAMP) to target failed
IDTENAMP	enable memory pool (ENAMP) for IDT failed
DSOFEI	building of client hard wait (DSOFEI macro) failed
DPOFEI	Building of database hard post(DPOFEI) failed
TRGENAEI	enable event (ENAEI) failed for target
SOLSIG	SOLSIG macro failed
LNKLEVEL	the ADALNK and ADARER levels disagree (see the first and last bytes of "ret-code")
POSSIG	Post(POSSIG) to database failed

Action	See the BS2000 Executive Macro documentation for an explanation of "ret-code".

ADAK02	**Types of LOADLIB for ADALNK ({adalnk}) and ADARER mismatch**
Explanation	During BS2000 TP monitor interface operations, one module was loaded from an XS library and the other from an NXS library. NXS and XS components cannot be mixed.
	This message is accompanied by the ADAK01 message.
	The *adalnk* field of this message has the format *xx0000yy*, where *xx* is the level of the ADALNK and *yy* is the level of the ADARER (router). The value of *yy* must be greater than or equal to the value of *xx*.
	If *yy* is less than *xx*, the IDT common memory where the ADARER is loaded has been created by and loaded from an older Adabas version. For example, if xx=83 and yy=81, an Adabas 61x ADALNK is using an Adabas 53x ADARER.
Action	Check the Adabas library versions of the databases that are using the IDTNAME (the default is ADABAS5B) of your ADALNK.
	Either upgrade databases using older Adabas libraries to the new version, or use different IDTNAMEs for different Adabas versions.

ADAK02A	**Could not get Router - Error - {err}**
Explanation	A BS2000 attempt to access the ID table memory pool given in the parameter file or module returned the error shown in the message (*err*), probably in the enable memory pool macro (ENAMP).
	This error is accompanied by the user abend 680.

Action	Check the parameter file for the IDTNAME or DBTIDT value; otherwise check the BSCONFIG(ENVNAME), IDTABEL, or MDBIDT macros in SSFB2C.

ADAK02B	**DB Table Get memory - Error - {err1}** **or DB Table Initialization Error - {err2}**
Explanation	The DBID/ID table cannot be set up or accessed. This message is accompanied by user abend 678 or 679. This is usually an error in getting memory. The error code is from a BS2000 macro.
Action	Contact your Software AG technical support representative with the error code produced.

ADAK03	**Parameter error**
Explanation	During BS2000 TP monitor interface operations, the ADALNK parameter service detected a syntax error.
Action	Correct the syntax and rerun.

ADAK04	**The following ADALNK ({adalnk}) are used for this run**
Explanation	This is the header of the ADALNK parameter listing used during BS2000 TP monitor interface operations.
Action	No action is required.

ADAK040	**Enabling {nnnn} Adabas task related user exits for Version 8 of ADACIC0**
Explanation	Explanation: This message is produced at the beginning of ADACIC0 installation processing and identifies the number of TRUEs that ADACIC0 is attempting to install. The number (*nnnn*) is derived from the number of ENTRY=GROUP items that were coded in the ACIOPT module
Action	No action is required for this informational message.

ADAK041	**Extracting global work area (GWA)**
Explanation	During CICS PLTPI processing, CICS is determining the location of the global work area (GWA) for the command-level link components.

ADAK042	**Initializing Adabas link routine**
Explanation	During CICS PLTPI processing, an initialization call is being made to the command-level link routine.

ADAK043	**Initializing Adabas SVC communication**
Explanation	During CICS PLTPI processing, the Adabas SVC environment is being established.

ADAK044	**Adabas v{vrs} CICS environment established**
Explanation	During CICS PLTPI processing, the CICS environment needed for the command-level link components has been built.

ADAK045	**T.R.U.E. {true-name} is in use by Adabas link routine {link-name}**
Explanation	This message occurs during CICS PLTPI processing and displays the task-related user exit name and the Adabas link routine with which it is associated.

ADAK046	**SVC number: {svc} default DBID: {dbid}**
Explanation	This message occurs during CICS PLTPI processing and displays the default SVC number and DBID.

ADAK047	**UB pool address: {aaaaaaaa} NUBS: {nnnnn}**
Explanation	This message occurs during CICS PLTPI processing and displays the UB pool address and NUBS value.

ADAK048	**User exit after (A) address: { {aaaaaaaa}	NOT IN USE }**
Explanation	This message occurs during CICS PLTPI processing and displays the address of the Adabas user exit 1 (user exit A in Adabas 7) or "not in use" if the user exit is not in use.

ADAK049	**User exit before (B) address: { {aaaaaaaa}	NOT IN USE }**
Explanation	This message occurs during CICS PLTPI processing and displays the address of the Adabas user exit B or "not in use" if user exit B is not in use.

ADAK05	**DDLNKPAR {open|close} error: {err}**
Explanation	During BS2000 processing an attempt to access the file associated with the link name DDLNKPAR failed. The error is a DMS error code.
Action	Perform a SHOW-FILE on the file associated with the linkname DDLNKPAR. If a DMS error occurs, perform HELP_MESSAGE DMSnnnn. This should help identify the problem.

ADAK050   **Review exit address: { {aaaaaaaa} | NOT IN USE }**

Explanation   This message occurs during CICS PLTPI processing and displays the address of the Adabas Review exit, or "not in use" if the Adabas Review exit is not in use.

ADAK051   **Adabas SAF Security (ADASAF) in use**

Explanation   During CICS PLTPI processing, the Adabas external security interface (ADASAF) is in use. This message is not displayed if ADASAF is not in use.

ADAK052   **Adabas Transaction Manager (ATM) in use**

Explanation   During CICS PLTPI processing, Adabas transactions are being coordinated through the CICS Resource Manager Interface (RMI) using the Adabas Transaction Manager (ATM). This message is not displayed if the RMI is not in use.

ADAK053   **Adabas Bridge for VSAM (AVB) in use**

Explanation   During CICS PLTPI processing, the Adabas Bridge for VSAM (AVB) is in use. This message is not displayed if AVB is not in use.

ADAK054   **T.R.U.E. global work area (GWA) address: {aaaaaaaa}**

Explanation   This message occurs during CICS PLTPI processing and displays the address allocated to the global work area.

ADAK055   **Adabas link routine EPA: {aaaaaaaa}**

Explanation   This message occurs during CICS PLTPI processing and displays the entry point address (EPA) of the Adabas link routine.

ADAK056   **Adabas link routine D.C.I. EPA: {aaaaaaaa}**

Explanation   This message occurs during CICS PLTPI processing and displays the entry point address (EPA) of the Adabas link routine direct call interface (DCI).

ADAK057   **Adabas SVC IDTH address: {aaaaaaaa}**

Explanation   This message occurs during CICS PLTPI processing and displays the address of the Adabas SVC IDT header.

ADAK058	**RESYNC command issued**	
Explanation	During CICS PLTPI processing, the CICS RMI for Adabas is in use and resynchronization will now take place for any incomplete transactions involving Adabas databases.	

ADAK059	**ATM inactive; RESYNC deferred**	
Explanation	During CICS PLTPI processing, the CICS RMI for Adabas is in use and resynchronization may be required for incomplete transactions involving Adabas databases. However, the Adabas Transaction Manager (ATM) is not currently active. Resynchronization will occur when ATM is restarted.	

ADAK06	**ADALNK statements ignored because ADARUN statements present**	
Explanation	A BS2000 session is running an ADALNK with both ADARUN and link name DDCARD, together with a file on the link name DDLNKPAR. The parameters in DDLNKPAR will not be used.	
Action	No action required for this informational message.	

ADAK061	**ADATRUE - Enable stage failed EIBRESP: {xxxxxxxx1} EIBRESP2: {xxxxxxxx2}**	
Explanation	The task related user exit could not be enabled due to the EIB response codes *xxxxxxxx1* and *xxxxxxxx2*.	
Action	Consult the appropriate CICS documentation to determine the cause of the error in the exec interface block (EIB).	

ADAK062	**ADATRUE extract GWA failed EIBRESP: {xxxxxxxx1} EIBRESP2: xxxxxxxx2**	
Explanation	The requested task-related user exit global storage could not be EXTRACTed due to the EIB response codes given as *xxxxxxxx1* and *xxxxxxxx2*.	
Action	Consult the appropriate CICS documentation to determine the cause of the error in extracting the global work area.	

ADAK063	**Initialization call to link routine failed EIBRCODE: {xxxxxxxx} ADARSP: {nnnn}**	
Explanation	The Initialize Link command (IL) could not be executed because of EIB response code *xxxxxxxx*, or Adabas response code *nnnn*.	
Action	If the EIBRCODE field returns a non-zero value, consult the appropriate CICS documentation to determine the cause of the error. If the ADARSP returns a non-zero value, consult the response codes in chapter 2.	

ADAK064	Adabas call to establish IDTH failed
Explanation	The address of the IDTH could not be established.
Action	Most often, this is caused by an incorrect Adabas SVC number in the LGBLSET macro; otherwise, check to see that the Adabas SVC is installed, and at the correct version.

ADAK065	Invalid D.C.I address - cannot continue
Explanation	The address of the Direct Call Interface could not be established.
Action	Verify that the correct version of the Adabas command-level link routine is installed, and that the entry point name "ENTPT=" in LGBLSET is correct.

ADAK066	ADACIC0 version: {version} does not match Adabas link
Explanation	The ADACIC0 version does not match the version of the ADATRUE or Adabas link routine being installed. All three modules must be at the same version for the install to succeed.
Action	Verify that the correct version of all three modules is installed.

ADAK068	{message-text}
Explanation	Various message texts may be provided using this message number. Review the table below to determine the cause of the error and the course of action to take.

Message Text	Explanation	Action
LOAD of installation options table *tbl* failed EIBRESP: *eibresp*	The load failed for the Adabas installation options table module named *tbl* by the CICS command-level link routine module. The hexadecimal representation of the CICS EIBRESP returned by the failing EXEC CICS LOAD command is given in the message.	Determine the meaning of the EIBRESP code. Check the DFHRPL concatenated libraries to ensure that the ACIOPT module is available to the CICS region.
RMI initialization error: CMD: *cmd* RESP: *resp* RC: *rc*	The RMI initialization routine could not complete its processing due to the indicated error. The message may provide a failing CICS command (*cmd*) and response code (*resp*), or an ATM error code (*rc*) and, if relevant, Adabas response code (*resp*).	Investigate the meaning of the displayed response code and/or error code. If possible, correct the error; otherwise, report the details to your Software AG technical support representative.
Adabas installations options table	The installation options table module listed in the message (*tbl*) has been loaded but does not have valid contents.	A valid installation options table module should have the eyecatcher `ACIOPT ` at the

Message Text	Explanation	Action
name *tbl* is invalid.		beginning of the module. Verify the module has this eyecatcher and correct accordingly.

Action   The action that should be taken depends on the message text issued with this message number. Review the table above for the appropriate action.

ADAK069   {message-text}

Explanation   Various message texts may be provided using this message number. Review the table below to determine the cause of the error and the course of action to take.

Message Text	Explanation	Action
Load of ACI link routine failed EIBRCODE: *eibrcode*	The load of the Adabas command-level link routine module failed. The hexadecimal representation of the CICS EIBRCODE (*eibrcode*) returned by the failing EXEC CICS LOAD command is given in the message.	Determine the cause of the failure. The reason for the failure may be determined by examining previous messages produced by the ADACIC0 installation program. These messages are written to the JES job log for z/OS and to SYSLOG for z/VSE. For more information please consult your Adabas installation documentation.
Load of DBID/SVC table *tbl-name* failed EIBRESP *eibrc*	An attempt to load the DBID/SVC routing table named in the message (*tbl-name*) failed. The CICS EIB response code (*eibrc*) is given in the message.	Verify that the correct DBID/SVC load module name was specified for the LGBLSET DBSVCTN parameter. If it was not, correct the name and try again. If the correct name was specified, review the CICS EIB response code to identify the nature of the failure. If the problem persists, contact your Software AG support representative for assistance.

Action   The action that should be taken depends on the message text issued with this message number. Review the table above for the appropriate action.

ADAK07   **LRVINFO>0 and module REVEXITB not found, processing continues**

Explanation   During BS2000 TP monitor interface operations, a nonzero LRVINFO parameter value was specified in the ADALNK parameter, but the Adabas Review user exit B (REVEXITB) module could not be found. Program processing continues without REVEXITB.

Action   Either specify LRVINFO=0, remove the LRVINFO parameter statement, or include the REVEXITB module in the program.

ADAK070	Adabas T.R.U.E. disabled {module-name}
Explanation	A failure occurred during the execution of the enhanced installation program. The Adabas TRUE (Task Related User Exit) is disabled. The name of the Adabas TRUE module being installed is given in the message (*module-name*).
Action	Determine the cause of the failure. The reason for the failure may be determined by examining previous messages produced by the ADACIC0 installation program. These messages are written to the JES job log for z/OS and to SYSLOG for z/VSE. For more information please consult your Adabas installation documentation.

ADAK071	Adabas link routine released {module-name}
Explanation	A failure occurred during the execution of the enhanced installation program. The CICS command-level link routine has been released. The name of the Adabas CICS command-level link routine being installed is given in the message (*module-name*).
Action	Determine the cause of the failure. The reason for the failure may be determined by examining previous messages produced by the ADACIC0 installation program. These messages are written to the JES job log for z/OS and to SYSLOG for z/VSE. For more information please consult your Adabas installation documentation.

ADAK072	GETMAIN for UB-POOL failed EIBRESP: {0000nnnn}
Explanation	The CICS GETMAIN for shared storage for the Adabas user buffer pool failed. The returned value of EIBRESP from the CICS request is printed in hexadecimal at the end of the message.
Action	Consult the appropriate IBM CICS documentation for the meaning of the returned EIBRESP value.

ADAK073	Freemain for UB-POOL failed EIBRESP: {0000nnnn}
Explanation	The storage for the Adabas user buffer pool was not released. The returned value of EIBRESP from the CICS FREEMAIN request is returned at the end of the message.
Action	Consult the appropriate IBM CICS documentation for the meaning of the returned EIBRESP value.

ADAK074	Adabas DBID/SVC table in use is: {table-name}
Explanation	The LGBLSET parameters DYNDBSVC=YES and DBSVCTN=*dbid-svc-tbl-name* parameters are coded in the CICS link globals table and the named DBID/SVC routing table is found and loaded. The name of the DBID/SVC routing table is given in the message (*table-name*).
Action	No action is required for this informational message.

ADAK075	REVEXIT2 {client exit address: {address}|Not Installed|Not Active}
Explanation	This message provides the status of the Adabas Review client exit, REVEXIT2. If a hexadecimal address is listed in the message, the Adabas Review client exit is installed and active. If "Not Installed" is listed in the message, then the Adabas Review client exit is not linked with the globals table used by the TRUE being activated in this phase of the installation. If "Not Active" is listed in the message, the Adabas Review client exit is linked with the globals table, but RVCLNT=NO was coded before the globals table was assembled and the exit is considered inactive.
Action	No action is required for this informational message.

ADAK076	The default Hub-id is: {{hubid}|Dynamic}
Explanation	If the Review client exit is installed (see ADAK075), this message is produced during the installation of the Adabas CICS components to indicate the default Adabas Review hub ID that will be used by this client exit. If the numeric hub ID is listed in the message, then this is the target where client records will be sent by default, as specified in the globals table with the REVHID keyword. If "dynamic" is listed in the message instead of a specific hub ID, then no value was given in the globals table and the caller, usually SYSREVDB, must provide the hub ID to be used by the Adabas Review client exit.
Action	No action is required for this informational message.

ADAK08	Review exit B deactivated. processing continues
Explanation	During BS2000 TP monitor interface operations, LRVINFO=0 was either specified or omitted in the ADALNK parameter or the entire ADALNK parameter service is inactive, and the Adabas Review user exit B (REVEXITB) is present in the user program.
Action	To activate REVEXITB, specify LRVINFO=256; otherwise, no change is necessary.

ADAK080	{nnnn} of {tttt} TRUEs installed
Explanation	This message is issued at the end of ADACIC0 installation processing. It provides the actual number of TRUEs that were successfully installed (*nnnn*) and identifies the number of TRUE installations that were attempted (*tttt*).
Action	No action is required for this informational message.

ADAK09	Incompatible versions of ADALNK and ADAL2P, processing aborted
Explanation	During BS2000 TP monitor interface operations, it was determined that the versions of ADALNK and ADAL2P do not match.
Action	Check library assignments; check TSOSLNK/BINDER protocols.

ADAK10   **ADAUSER {type} for entry {module} RC {rc}**

Explanation   During BS2000 TP monitor interface operations, an error occurred while attempting to access the Adabas link module where *type* is either REQM for requesting memory or BIND for attempting to load; *module* is the name of the module to be accessed; and *rc* is the Fujitsu Technology Solutions macro return code.

Action   If the *type* is

■ BIND, check the file link statements for the presence of the Adabas library

■ REQM, there is a memory shortage in the application program address space

30 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 DD/CLOGRn .

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.

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 Software AG 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 Software AG technical support representative for assistance.

31 ADAM* -- ADAMPM System Messages

ADAM001	**VM/System product release level under 3 - not supported**
Explanation	The z/VM version being used is not supported by the Entire Net-Work IUCV driver.
	The IUCV line driver cannot be opened.
Action:	Upgrade the system to the required z/VM level.

ADAM002	**Line driver maximum number of connections exceeded on {type} machine**
Explanation	z/VM systems only: An IUCV connection between two virtual machines could not be made because either the initiating (source) or target virtual machine exceeded the MAXCON value in the machine's CP directory. The *type* of machine (SOURCE or TARGET) that exceeded the MAXCON value is given in the message.
Action	Increase the appropriate MAXCON value and update the machine's CP directory.

ADAM003	**No IUCV authorization found**
Explanation	Entire Net-Work was not able to sign on to IUCV because the virtual machine was not IUCV-authorized in the CP directory.
	The IUCV line driver cannot be opened.
Action:	Add the required IUCV statements to the CP directory for the virtual machine.

ADAM004	**No IUCV message found on link {link-name}**
Explanation	The Entire Net-Work IUCV line driver attempted to receive or reply to a message that was not found in any IUCV message queue.
	The IUCV line terminates Entire Net-Work abnormally.
Action:	Make note of the link "link-name", any related messages and dump listings, and call your Software AG technical support for assistance.

ADAM005	**IUCV {function} function error {err-num} on link {link-name} on path-ID {path}**
Explanation	The specified function detected error *err-num* on the specified link and path.
	This message is followed by message ADAM007. The IUCV line terminates Entire Net-Work abnormally.
Action:	Note the error number (*err-num*), the link (*link-name*) and any related messages, and call your Software AG technical support for assistance.

ADAM006	**IUCV send completion error {err-num} onlink {link-name} path-ID {path}**
Explanation	The IUCV SEND function detected error *err-num* on the specified link and path.
	The IUCV line terminates Entire Net-Work abnormally.
Action:	Note the error number (*err-num*), the link (*link-name*), any related messages, and call your Software AG technical support for assistance.

ADAM007	**IUCV parameter block at location {location}**
Explanation	This message occurs after an ADAM005 error, and is followed by a hexadecimal display of the failing IUCV parameter block.
	The IUCV line terminates Entire Net-Work abnormally.
Action:	Retain the displayed information plus any other related error or dump information and contact your Entire Net-Work technical support representative.

ADAM008	**Incoming traffic impaired on link {link-name} due to buffer shortage**
Explanation	Incoming messages on link *link-name* are being delayed due to insufficient buffer space.
	Entire Net-Work suspends incoming data traffic until the buffer shortage is resolved.
Action:	Increase the short-term buffer size for a virtual machine running a non-paging guest operating system, or increase the page-fixed buffer size for a paging guest system virtual machine. Both buffers are controlled by the NODE statement parameters for the link-name's node.

ADAM009	**Communications impaired to link {link-name}**
Explanation	Communication with the specified link is impaired by insufficient buffer space on that node. Message ADAM008 occurs on that node, advising of the problem.
	The adjacent Entire Net-Work node suspends incoming data traffic until the buffer shortage is resolved.
Action:	Increase the short-term buffer size for a virtual machine running a non-paging guest operating system on the specified node, or increase the page-fixed buffer size for a paging guest system virtual machine. Both buffers are controlled by the NODE statement parameters for the link-name's node.

ADAM01 {version} {job-name} abend code {code}

Explanation z/VSE systems only : An ADAMAF abend occurred. The variable message information is as follows:

version	Adabas version
job-name	the z/VSE job name
code	the abend code

ADAM010 Pending connection rejected due to buffer shortage

Explanation This node could not accept a connection due to inadequate buffer space.

The IUCV path which was initiated is not connected.

Action: Increase the short-term buffer size for a virtual machine running a non-paging guest operating system, or increase the page-fixed buffer size for a paging guest system virtual machine. Both buffers are controlled by the NODE statement parameters for the specified node.

ADAM011 Normal communications resumed to link {link-name}

Explanation This informational message advises that the condition causing previous impaired communications has been corrected.

A buffer shortage indicated by a message ADAM008 or ADAM009 has been resolved.

Action: No action required. This message is for your information only.

ADAM012 Buffer program check on link {link-name}

Explanation A program check occurred while accessing an IUCV buffer area.

Entire Net-Work terminates operation with a dump.

Action: Note the link "link-name", any related error or dump listing information, and call your Software AG technical support for assistance.

ADAM013 {number} number of sends 2way {count-a} 1way {count-b}

Explanation This normal termination message specifies the total number of SEND/REPLY (SEND 2WAY) and SEND 1WAY messages, as well as the counts of each type of SEND.

Entire Net-Work proceeds to terminate normally.

Action: No action required. This message is for your information only. An excessive number of SEND 1WAYs maybe an indicator that the MSGLIM parameter value is insufficient.

ADAM014	**{number} number of replies non-null {count-a} null {count-b}**
Explanation	This normal termination message specifies the total number of IUCV replies as well as the counts of replies containing data (non-null) and those without data (null).
	Entire Net-Work proceeds to terminate normally.
Action	No action required. This message is for your information only. An excessive number of null replies indicates the SEND 1WAY protocol is more suitable.

ADAM015	**Incoming message exceeds buffer length on link {link-name}**
Explanation	An incoming IUCV message from the link *link-name* was too long for the available buffer.
	Entire Net-Work terminates operation with a dump.
Action:	Increase the short-term buffer pool size (specified by the NODE statement for the specified node ID).

ADAM016	**Outgoing message exceeds buffer length on link {link-name}**
Explanation	An outgoing IUCV message was too large for the allocated buffer space.
	Entire Net-Work terminates operation on this node with a dump.
Action:	Increase the short-term buffer pool size (specified by the NODE statement for this node ID).

ADAM017	**Connection to user {user-id} denied due to block length conflict**
Explanation	The values specified by this node's and the partner node user-id's LINK statement MAXBLK parameters are not the same.
	The IUCV path that was initiated is not connected.
Action:	Correct one of the LINK statement's MAXBLK values to agree with the other.

ADAM018	**Message limit on path to VMID {vm-id} INSUFFICIENT**
Explanation	The maximum number of outstanding IUCV messages allowed was exceeded.
	The IUCV line terminates abnormally.
Action:	Correct either the IUCV LINK statement's MSGLIM parameter value, or the CP directory MSGLIMIT value.

ADAM019	**Maximum block length set to {length}**
Explanation	Entire Net-Work found no MAXBLK value on the IUCV LINK statement in a paging system where a maximum block size is required.
	Entire Net-Work sets the block length to the page size "length".
Action	No action is required for this informational message.

ADAM020	**Initialization error {err-num} for guest system IUCV support**
Explanation	Entire Net-Work was unable to initialize the IUCV line driver in the guest operating system. The driver is not opened.
	If the IUCV driver is the only driver specified, Entire Net-Work terminates operation on this node.
Action:	Note the error number ("err-num") and guest operating system level, and call your Software AG technical support for assistance.

ADAM021	**Link {link-name} not connected error {err-code} IUCV-code {code}**
Explanation	A connection could not be made to another virtual machine. The error code "err-code" is returned by the operating system's IUCV interface; the IUCV code "code" is returned in the IPRCODE field of the IUCV parameter block. The value "code" can be one of the following IUCV CONNECT error codes:

11	Target communicator not logged on.
12	Target communicator has not invoked the DECLARE BUFFER function.
13	The maximum number or connections for this virtual machine has been exceeded.
14	The maximum number or connections for the target virtual machine has been exceeded.

	IUCV codes 11 and 12 are two of the most common codes that can occur.
Action:	Ensure that the virtual machine at the other end of the link is logged on, active, and authorized to use IUCV. Refer to the appropriate operating system information for the meaning of "err-code", and the corrective action. For detailed IUCV and related code information, see *IBM's z/VM System Programmer's Guide* and *z/VM System Facilities for Programming* manuals.

ADAM022	**Path to VMID {vm-id} disconnected due to interrupt queue shortage**
Explanation	The Entire Net-Work IUCV support routine was not able to save the status of an incoming IUCV interruption due to a lack of interrupt queue elements.
	The IUCV link is disconnected.
Action:	Increase the value of the QSIZE parameter for NETSIR and rerun NETSIP with the REPLACE parameter

ADAM025I	IUCV driver manually closed
Explanation	The IUCV driver has been closed either by an operator command or by SHUTDOWN processing.
Action	No action is required for this informational message.

ADAM13	{number} number of sends 2way {count-a} 1way {count-b}
Explanation	This normal termination message specifies the total number of SEND/REPLY (SEND2WAY) and SEND1WAY messages, as well as the counts of each type of SEND.

ADAM14	{number} number of replies non-null {count-a} null {count-b}
Explanation	This normal termination message specifies the total number of IUCV replies as well as the counts of replies containing data (non-null) and those without data (null).

ADAM15	Incoming message exceeds buffer length on link {link-id}
Explanation	An incoming IUCV message from the specified link exceeded the length of the available buffer.
	Entire Net-Work terminates with a dump.
Action:	Use the message blocking and/or compression options for the link (specified by the IUCV LINK statement), or increase the short-term buffer pool size (specified by the NODE statement for the specified node ID).

ADAM16	Outgoing message exceeds buffer length on link {link-id}
Explanation	An outgoing IUCV message was too large for the allocated buffer space.
	Entire Net-Work terminates operation on this node with a dump.
Action:	Use the message blocking and/or compression options for the specified link (specified by the IUCV LINK statement), or increase the short-term buffer pool size (specified by the NODE statement for this node ID).

ADAM17	Connection to user {user-id} denied due to block length conflict
Explanation	The values specified by this node's and the partner node "user-id's" LINK statement MAXBLK parameters are not the same.
Action:	Correct one of the LINK statement's MAXBLK values to agree with the other.

ADAM18	**Message limit on path to VMID {vm-id} insufficient**
Explanation	The maximum number of outstanding IUCV messages allowed was exceeded.
Action:	Correct either the IUCV LINK statement's MSGLIM parameter value, or the CP directory OPTION MAXCONN value.

| **ADAM19** | **Maximum block length set to {length}** |
| Explanation | Entire Net-Work found no MAXBLK value on the IUCV LINK statement, and therefore has set the block length to the page size *length*. |

ADAM20	**Initialization error {err-num} for guest system IUCV support**
Explanation	Entire Net-Work was unable to initialize the IUCV line driver in the guest operating system. The driver is not opened.
	If the IUCV driver is the only driver specified, Entire Net-Work terminates operation on this node.
Action:	Note the error number ("err-num") and guest operating system level, and call your Software AG technical support for assistance.

| **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.

ADAM81	{dbid} unexpected return code {ret-code} {information} in MACRNAME, {macro-name}
Explanation	BS2000 systems only: The BS2000 macro `macro-name` issued the unexpected return code `ret-code`. Depending on the specified macro, `information` contains more error-specific information:

Macro (*macro-name*)	Information (*information*)
ENAEI	task sequence number (*tttt*) of target hard post ID (ADA*tttt*) to enable
ENQAR	Identification table memory pool name (IDTNAME) used as lock ID
DISEI	task sequence number (*tttt*) of target hard post ID (ADA*tttt*) to disable
DISMP/CQ	task sequence number of command queue common memory to disable
POSSIG	task sequence number (*tttt*) of target hard post ID (ADA*tttt*)
ENAMP	command queue pool name. If the return code (*ret-code*) is "08...00", a common memory pool is already present, but it must be new
REQMP	command queue pool name where memory could not be obtained
STXIT	the nucleus except exit

Action: For the ENAMP function, if *ret-code* is 08...00, a common memory pool is already present and a new pool is required. An attempt was made to bring up an active nucleus again. Do not bring up the same nucleus twice for the same task if the ENAMP function was indicated.

For the ENQAR/REQMP function, check the IDTNAME used in ADARUN, SSFB2C, or DDLNKPAR.

For ENAEI, DISEI, DISMP/CQ, and POSSIG, the task sequence numbers are those of the command queue memory post to be accessed. Check the tasks and matching IDs in your system with SHOW-USER-STATUS or in the utility program IDTLOOK.

The STXIT, contact your Software AG technical support representative.

Note: <*ret-code*> is described in the BS2000 System Macros Manual for the macro mentioned.

ADAM82 {dbid} Adabas canceled in bourse wait

Explanation BS2000 systems only: The Adabas nucleus was canceled while waiting for an event.

The nucleus terminates without giving control to termination recovery to reset the DIB block. The user abend code is 233.

ADAM83	{dbid text}
Explanation	BS2000 systems only: The message *text* is explained as follows:

```
New IDT created,name=idt-name,GROUPS={YES | NO}
```

The reporting task created a new ID table *idt-name* located above the 16-MB limit with the attribute GROUPS=NO (global to the machine) or GROUPS=YES (in the scope of the user logon).

```
Connected to IDT idt-name,GROUPS={YES | NO}
```

The reporting task participates in the existing ID table *idt-name* located above the 16-MB limit with the attribute GROUPS=NO (global to the machine) or GROUPS=YES (in the scope of the user logon).

```
CMDQ/AB pool enabled, LOC=loc
```

The location of the command queue (CMDQ) pool is location *loc*" which is either "above" or "below".

```
Disconnected from IDT idt-name
```

The nucleus closed out its use of ID table *idt-name*. Another nucleus or user task is holding the ID table.

```
Disconnected from CMDQ/AB pool
```

The nucleus stopped processing, but the command queue (CMDQ) pool is still being held by a user task.

```
IDT disabled, Name=idt-name
```

```
CMDQ/AB pool disabled
```

The nucleus stopped processing, and no user task is using the command queue, which is removed from the system.

ADAM86	**dbid IDT CONN ERROR :{ text}**
Explanation	BS2000 systems only: An error occurred when attempting to connect to the IDT. A memory pool named by IDTNAME was found, but did not contain the expected structure. The possible message texts (*text*) are explained in the following table.

Message text	Explanation	Action
wrong ADARER version *nn* expected *mm*	The router is an older version than the caller.	Bring the whole system down and start the first nucleus/server with the newest version to allocate and fill the ID table with its version.
SMPSVC (router extension) not loaded	An attempt to allocate a new identification table (IDT) memory pool failed to load the SMPSVC module.	Check that the executable SMPSVC is present in one of the libraries in the DDLIB/BLSLIB library load stack.
DBID already in use by SMP cluster	An attempt has been made to start a nucleus with a DBID that clashes with an Adabas Parallel Services cluster.	Use another DBID for the nucleus or start it on another IDTNAME.
IDIDTID = wrong value	The start of the identification table (IDT) does not have the expected eyecatcher (IDIDTID) of "ADABAS51".	Bring the whole system down and start the first nucleus/server again to make a clean IDT.
ADARER is not a BS2000 router	The start of the identification table (IDT) memory pool contains the BS2000 Adabas router. The eyecatcher for this (RERBS2) has not been detected.	Check the value of the IDTNAME parameter in ADARUN or in DDLNKPAR. Otherwise, bring the whole system down.

ADAM88   **{ddddd} Processor(s) = {n}**

Explanation   BS2000 systems only. This is an information message which states how many processors (n) are available on the computer on which the database ddddd is started.

Action: None required.

ADAM8B   **{dbid}IDT Version {vv} date {yyyymmdd} SP {ssss}**

Explanation   BS2000 systems only: This informational message identifies which IDT version (*vv*) is being accessed by the database (*dbid*) when started, its date of assembly (*yyyymmdd*) and the SP level (*ssss*).

Action: No action is required for this informational message.

ADAM8C **{dbid} Router Zaps Applied: {zzzz zzzz zzzz zzzz zzzz zzzz zzzz}**

Explanation BS2000 systems only: This informational message identifies which zaps (*zzzz*) have been applied to the IDT accessed by the database (*dbid*) when started.

Action: No action is required for this informational 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.

ADAM94   **{dddd} Post Module ADAASPE loaded**

Explanation   BS2000 systems only. This is an information message stating that the Software AG internal product software (APS) posting module ADAAPSPE has been loaded into the router. This is an acknowledgment that access to APS applications is now enabled.

Action   No action required for this informational message.

ADAM96   **{dbid} MPM running in XAE-{mode-type} mode under V{v }**
{dbid} MPM running in {ops} - {mode-type} mode under {level}

Explanation   This message specifies the mode under which Adabas is running:

ops	z/VSE operating system type, either "370" or "ESA"
v	the z/VSE version
mode-type	SHARED NON-SHARED NON-SPECIFIED
level	the operating system level

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. 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 Software AG 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 Software AG 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. 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. 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. 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. 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 Software AG 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. 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 Software AG 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. 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. For z/VM, this cause means the ID table manager virtual machine is not active. 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. 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 abend code (*code*) format is specific to your operating system:

■ z/OS: 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.

■ z/VSE: 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*. System abend codes are documented as cancel codes in *z/VSE Messages and Codes*. Adabas nucleus abend codes are described elsewhere in this documentation.

■ BS2000: The rightmost byte shows the STXIT interrupt code. They are documented in the *Executive Macros* manual, under *Task and Program Execution Control, STXIT Procedure with Contingency Processing*.

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.

32 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 AG 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.

33 ADAR* System Messages

All ADAR*nn* messages are written to the operator console.

ADAR01	**{version job-name load-name} RC={ret-code}**
Explanation	The LOAD or CDLOAD macro failed and ADARUN was not able to load ADAIOR. ADARUN issues a message and ends with an abnormal end (abend). The value of *load-name* is either "LOAD" for LOAD (SVC 4) or "CDLO" for CDLOAD (SVC65). The value of *ret-code* is the return code from the CDLOAD or LOAD macro, and can have the following meanings:

Return codes from the CDLOAD macro include

0	successfully completed
4	GETVIS area size OK
8	specified length exceeds GETVIS area
12	insufficient GETVIS storage
16	CDLOAD directory is full
20	nonexistent phase (when RETPNF=YES)
24	move mode phase requested

Return codes from the LOAD macro include:

0	LOAD completed successfully
4	phase not found, was deleted, or recataloged
8	unrecoverable I/O error
12	invalid library/sublibrary structure found
16	address range violation: directory entry exceeds partition, or phase does not fit in partition
20	security violation

24	incompatible library directory entries: phase length, relocation state or load point/partition start or load point/entry point address differences. The library directory entry overwrites the local entry.
28	partition/logical transient area is too small

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 DD/RLOGR1 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.
Action:	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.

34 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 currently specifies a different subsystem.
Action	If the error relates to the specified subsystem, it is followed by user ABEND 435. If the error relates to the specified SVC number it is followed by user ABEND 436. User ABEND 436 may be overridden by 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	It is followed by user ABEND 437. This ABEND may be overridden by the ADASIP FORCE=Y parameter.

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: CSA RELEASED RELEASE FAILED

area-description	One of the following: Replaced SVC IDTH / IDT / IIBS Cluster Segment PLXCB Base PLXCUSER Segment SMP Segment Fat IIBS IDTH / IDTE IDT Extension 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.

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 Software AG 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 AG Vector Table (SAGVT) is an internal z/OS CSA structure anchored in a CVT-based field assigned by IBM to Software AG. During SVC installation and initialization, Adabas SVC processing found an entry in Software AG's assigned anchor slot that did not point to a valid SAGVT. This may be because another vendor's product is using Software AG'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 Software AG technical support representative. |

ADAS35	**SAGVT {{installed}|{reinstalled}}**
Explanation	The Software AG Vector Table (SAGVT) is an internal z/OS CSA structure anchored in a CVT-based field assigned by IBM to Software AG. 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 Software AG 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 Software AG technical support representative if the reason for the termination is unclear.

35 ADASIP* (Adabas z/VSE SVC) System Messages

ADASIP00   **Adabas V{av.ar} VSE SIP started**
SIP is running under z/VSE V{vv.vr.vm}
({yyyy-mm-dd}. SM={sm-level} , ZAP={zap-level})
SIP IS LOADING ADABAS SVC LEVEL {sv.sr.sp}
ADASIP IS LOADING ADABAS SVC AMODE={a-mode}

Explanation   The ADASIP program has started. The following substitutions appear in the message:

Substitution	Description
av.ar	version and release of Adabas.
vv.vr.vm	version, release, and modification level of z/VSE
yyyy-mm-dd	date of ADASIP module assembly
sm-level	modification level of the ADASIP module
zap-level	Zap level of the ADASIP module
sv.sr.sp	version, release, and service pack of the Adabas SVC
a-mode	the AMODE setting of the Adabas SVC

ADASIP01   **SUBSID {macro error}**

Explanation   ADASIP received a nonzero return code from the operating system.

Action: The z/VSE operating system release level is too low for installing Adabas. Refer to the Adabas Installation documentation for the minimum allowed z/VSE levels.

ADASIP02	**Unsupported VSE release based upon SUBSID**
Explanation	An ADASIP validation check indicates an unsupported operating system level.
Action:	The z/VSE operating system release level is too low for installing Adabas. Refer to the Adabas Installation documentation for the minimum allowed z/VSE levels.

ADASIP03	**No SYSPARM value specified for SVC**
Explanation	ADASIP could not find a SYSPARM input, and a zap has not be applied to the specified SVC.
Action:	Either provide the SVC with SYSPARM or apply a zap to the specified SVC with ADASIP.

ADASIP04	**Default value used for the SVC**
Explanation	No SYSPARM SVC has been used. ADASIP defaults to using the SVC that has a zap applied.

ADASIP05	**Non-numeric data found in SYSPARM field**
Explanation	Either SYSPARM or the default ADASIP SVC contains a nonnumeric value.
Action:	Correct the specified SYSPARM value, or set the default SVC value to 30.

ADASIP06	**Invalid range specified for the SVC 31-256**
Explanation	ADASIP found an SVC outside the allowed range in SYSPARM or the ADASIP default SVC.
Action:	Set the SVC to an unused SVC value within the allowed range. SVC ranges and recommended values are described in the Adabas Installation documentation .

ADASIP08	**ADASVC{vv} was not found in the SVA**
Explanation	While performing a z/VSE load, ADASIP found that the specified level ADASVC was not in the SVA.
Action:	Issue the SET SDL for ADASVCvv. It may be necessary to relink the Adabas SVC with SVA using the PHASE statement if the Adabas SVC is not found in the Adabas library.

ADASIP09	**No match on ID - incorrect ADASVC loaded**
Explanation	ADASIP found an incorrect SVC version while attempting a load operation.
Action:	Relink ADASVCvv with the correct SVC module.

ADASIP10   **Unknown keyword in PARM field**

Explanation   ADASIP found an incorrect keyword in the PARM field.

Action: Correct the keyword parameter and rerun the job.

ADASIP11   **Non-numeric data specified for NRIDTES**

Explanation   The ADASIP NRIDTES= keyword parameter specified non-numeric data.

Action: Correct the NRIDTES= data, then resubmit ADASIP.

ADASIP12   **No overriding NRIDTES specified**

Explanation   The default NRIDTES was used. No error has occurred.

ADASIP13   **SVC table entry was found to be invalid**

Explanation   The SVC number provided by SYSPARM is either not valid, or does not represent
                      either the old or new version of the z/VSE Adabas SVC. This error can occur if the
                      UPSI statement's "C" parameter specified "0".

Action: Respecify the UPSI statement, or specify another unused SVC value. Rerun ADASIP.

ADASIP14   **GETVIS failure for IDT in SVA**

Explanation   The GETVIS of the IDT passed a nonzero return code back to ADASIP, meaning the
                      GETVIS size was insufficient.

Action: Increase the SVA GETVIS size, re-IPL the operating system, and rerun ADASIP.

ADASIP15   **Router unable to initialize IDT**

Explanation   ADASIP received a nonzero return code from the 56 call to the SVC.

Action: Contact your Software AG technical support representative.

ADASIP16   **WARNING -- IDT table already exists**

Explanation   ADASIP detected that an IDT table for this SVC already exists.

Action: No action is required for this warning message.

ADASIP17   **Incorrect SVC suffix after comma in SYSPARM**

Explanation   An attempt was made to run this program more than once for the current IPL. A
                      second IDT for the program is not required.

Action: Correct the SYSPARM specification for the two-byte SVC suffix, and rerun the job.

ADASIP18	**Non-numeric data specified for DMPDBID**
Explanation	The ADASIP DMPDBID keyword parameter contains nonnumeric data.
Action:	Correct the DMPDBID specification, and rerun the job.

ADASIP19	**DBID cannot be found in IDTE**
Explanation	The ADASIP program could not find an entry for the DMPDBID database in the IDT area.
Action:	Either correct the DMPDBID specification or start the specified database, then run ADASIP to perform a "snap" dump of the command queue.

ADASIP20	**The IDT and SVC have been dumped to SYSLST**
Explanation	A request to ADASIP to dump the IDT and then SVC via UPSI 80. No error has occurred.

ADASIP21	**No IDT table was found for specified SVC**
Explanation	ADASIP found that the SVC has no address for the IDT.
Action:	Specify the correct SVC, or initialize with ADASIP first.

ADASIP22	**The SVC has already been installed**
Explanation	ADASIP found that the same program is being run again.
Action:	The SVC is not installed and no IDT table is needed. To reinstall the same SVC, you must first perform a SET SDL.

ADASIP23	**The SVC table cannot be listed under DOS/MVT**
Explanation	The option to display the SVC table is specified under z/VSE.

ADASIP24	**The IDT has been pagefixed by user option**
Explanation	UPSI (X'20') was selected to pagefix the IDT in the system GETVIS area.

ADASIP26	**Could not load the ADAOPD table**
Explanation	ADASIP was unable to load phase ADAOPD.
Action:	Ensure that ADAOPD is available for loading and rerun the job.

ADASIP27   **ADASVC{xx} must be AMODE=31, RMODE=24**

Explanation	ADASIP detected that the Adabas SVC has invalid link-edit attributes.
Action:	Relink the Adabas SVC with the correct attributes and rerun the job.

ADASIP28   **ADASIP is AMODE=31**

Explanation	ADASIP detected that it is AMODE=31.
Action:	Relink ADASIP AMODE=24.

ADASIP29   **PRODID macro failure**

Explanation	ADASIP received a nonzero response code from the PRODID DEFINE macro.
Action:	Investigate the cause of the error. Correct it and rerun the job.

ADASIP30   **ADASVC{vv} {svc} installed (Date {yyyymmdd})**

Explanation	ADASIP has installed SVC number *svc* successfully.

ADASIP31   **{address}=SVC address**

Explanation	The SVC has been loaded at the indicated address.

ADASIP32   **{address}=IDT address**

Explanation	The ID table has been allocated at the indicated address.

ADASIP33   **Invalid value specified for REPLACE parameter**

Explanation	An invalid value was specified on the REPLACE parameter.
Action:	Specify YES, Y, NO or N for the REPLACE parameter and rerun the job.

ADASIP36   **{address}=extended IIBS address**

Explanation	The extended IIBs have been loaded at the indicated address.

ADASIP37   **{address}=IDT Extension address**

Explanation	The IDT extension has been allocated at the indicated address.
Action:	No action is required for this informational message.

ADASIP38	**{address}=SVC Work Area address**
Explanation	The SVC work area has been allocated at the indicated address.
Action:	No action is required for this informational message.

ADASIP39	**Error -- Targets still active on SVC{nnn}**
Explanation	ADASIP detected that there are still active targets on the SVC listed in the message (*nnn*) and is unable to continue processing.
Action:	No action is required for this informational message.

ADASIP40	**VSE SVC {svc} is {status} AM={a-mode} RM={r-mode} AR={reg-mode} SVCT={svc-tab-addr} MODT={svc-mod-addr}**
Explanation	This message occurs when the option to list the SVC table is selected, and specifies the following values:

svc	the z/VSE SVC number
status	"USED" or "UNUSED"
a-mode	AMODE of this SVC, if used (24 or ANY)
r-mode	RMODE of this SVC, if used (24 or ANY)
reg-mode	access register mode of this SVC, if used (Y=yes, N=no)
svc-tab-addr	address of the SVC table entry for this SVC
svc-mod-addr	address of the SVC mode table entry for this SVC, if present

Action: None required. This message is for your information only. Do not use SVC50, even though it is indicated as "unused".

ADASIP41	**VSE SVC table audit completed**
Explanation	ADASIP has completed listing the z/VSE SVC table.

ADASIP50	**The command queue has been dumped to SYSLST**
Explanation	ADASIP has completed listing the command queue for the specified database.

ADASIP60   **Only 1 CPU can be active during ADASIP**

Action   Use "SYSDEF TD,STOP=ALL" to stop all but one CPU so that ADASIP can run. Then restart your CPUs again.

ADASIP61   **Rerun ADASIP after using TDSERV to stop CPUs**

Explanation   Occurs in conjunction with ADASIP60.

ADASIP62   **GETVIS failed for ADASTUB module**

Explanation   Not enough SVA storage to load ADASTUB.

Action   Consult with your system programmer.

ADASIP63   **ADASTUB module loaded at {address}**

Explanation   Information message indicating module load address.

ADASIP64   **No match on ID - incorrect ADASTUB loaded**

Explanation   ADASTUB phase is incorrect.

Action   Consult with your system programmer, or contact Software AG.

ADASIP65   **ADASTUB SVC table not found**

Explanation   ADASTUB phase is incorrect.

Action   Consult with your system programmer, or contact Software AG.

ADASIP66   **ADASTUB SVC table is full**

Explanation   You have more than 10 SVCs active on this z/VSE machine.

Action   Contact Software AG for information about increasing the table size.

ADASIP67   **PAGEFIX for ADASIP failed**

Action   Increase the SETPFIX value and rerun.

ADASIP68   **PAGEFREE for ADASIP failed**

Action   Consult with your system programmer.

ADASIP69	**TURBO dispatcher stub active**
Explanation	Adabas Turbo support is now active on this z/VSE machine.

ADASIP70	**VSE supervisor hook install failed**
Explanation	Either this version of the z/VSE 2 supervisor is not supported, or the vendor installation logic for the first-level interrupt handler is incorrect.
Action	Call Software AG; have message ADASIP72 available.

ADASIP71	**Load of module ADASTUB failed**
Explanation	The ADASTUB module was not found in the LIBDEF SEARCH chain.

ADASIP72	**Code is : {code}**
Explanation	Occurs after message ADASIP70.

ADASIP73	**ADANCHOR incorrect or not found in SVA**
Explanation	The ADANCHOR module was not found in the SVA; no SET SDL has been done.

ADASIP74	**Info: Stub activated by previous ADASIP**
Explanation	Adabas Turbo STUB has been installed by a previous ADASIP.

ADASIP75	**ADANCHOR and ADASTUB not dumped - not active**
Explanation	When attempting to dump Adabas control blocks with ADASIP, the modules were not dumped because Adabas Turbo support is not active.

ADASIP76	**Adabas turbo stub not activated due to error**
Explanation	An error occurred during the installation of the Adabas Turbo stub.

ADASIP77	**This Adabas SVC will run in non-turbo mode**
Explanation	An error occurred during the installation of the Adabas Turbo stub. This SVC will run in non-Turbo mode from now on.

ADASIP78 **VSE turbo dispatcher {nn}**

Explanation Version of z/VSE Turbo Dispatcher.

ADASIP79 **Should we stop the CPUs? (yes/no)**

Explanation This message appears following ADASIP60 if more than one CPU is active during ADASIP processing.

Action Replying "no" terminates the job. Replying "yes" causes CPUs to be temporarily deactivated while ADASIP runs. ADASIP will reactivate any deactivated CPUs before terminating.

ADASIP80 **SVC{nnn} Target ID {id} is active in partition {pp}**

Explanation ADASIP does not allow an SVC to be reinstalled if there are active targets using the SVC, unless parameter REPLACE=YES is specified. If ADASIP parameter REPLACE=YES was specified, ADASIP replaces the current SVC regardless of any active targets.

An attempt to reinstall an SVC by rerunning ADASIP when there are active targets using the SVC results in warning messages ADASIP80 and ADASIP81 being issued. If the reply to ADASIP81 is "no", ADASIP terminates processing. If the reply to ADASIP is "yes", ADASIP will check again for active targets. If active targets are found, messages. ADASIP80 and ADASIP81 will appear again. To proceed with ADASIP processing, active targets must be terminated before replying "yes" to message ADASIP81.

Note: ADASIP will only flag a target as active if the job which activated the target is still running.

Action No action is required for this warning message.

ADASIP81 **Should we continue processing? (yes/no)**

Explanation An attempt was made to reinstall an SVC while there are active targets using the SVC. Unless the ADASIP parameter REPLACE=YES is specified, ADASIP does not allow an SVC to be reinstalled if there are active targets using the SVC. This prompt allows you to continue or stop processing.

Action Enter "yes" to continue or "no" to terminate processing.

ADASIP85 **SVA-24 storage allocated: {nnnnn}K**
SVA-31 storage allocated: {nnnnn}K

Explanation ADASIP has allocated *nnnnn*K of SVA storage below (SVA-24) or above (SVA-31) the 16 MB line.

Action No action is required for this informational message.

ADASIP86	**Reuse previous ADASTUB loaded at {address}? (yes/no)**
	SVA-31 storage allocated: {nnnnn}K
Explanation	ADASIP detected that ADASTUB has already been loaded.
	A SET SDL for ADANCHOR should only be issued once per IPL. However, if ADASIP is rerun, and a SET SDL for ADANCHOR is issued a second time in error, it should be possible to preserve the existing Adabas communications environment by answering "yes" to message ADASIP86.
Action	Reply "yes" to reuse the ADASTUB or "no" to load a new copy of ADASTUB. The recommended reply is "yes". Do not reply "no" to this message unless directed to do so by your Software AG technical support representative.

ADASIP87	**SYSLST unavailable**
Explanation	ADASIP is not able to print messages on SYSLST, as this is unavailable. Console messages only will be issued. ADASIP continues processing.,
Action	No action is required for this informational message.

ADASIP88	**Invalid parameter combination**
Explanation	ADASIP detected an invalid combination of PARM parameters or UPSI bytes.
Action	Correct the parameters or UPSI bytes and rerun the job.

36 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 Software AG 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 Software AG 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 Software AG 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 Software AG Technical Support Representative for assistance. You may try Adabas operator commands to set `SMFINTERVAL` to `NONE` and then back to the original specification.

37 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.

ADAU01   {version} {job-name} {name} RC {ret-code}

Explanation   z/VSE systems only: ADAUSER cannot perform CDLOAD or LOAD ADARUN. ADAUSER provides the following information:

version	the Adabas version
job-name	the z/VSE job name
name	LOAD for SVC4, or CDLO for SVC65
ret-code	LOAD return code from the CDLOAD or LOAD supervisor call (SVC)

ADAUSER provides a dump using JDUMP, and then terminates with the information that is required to resolve the load problem.

ADAU02   {version} {job-name} {pgm} incorrect RMODE

Explanation   ADAUSER detected an RMODE error. ADAUSER provides the following information:

version	the Adabas version
job-name	the name of the z/VSE job
pgm	the name of the program with the incorrect RMODE

Action: Relink the program with RMODE=24.

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 ǀ 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 ǀ 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 DD/FILEA. 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 DD/FILEA 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 DD/FILEA.

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 DD/FILEA.

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 DD/FILEA. 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 DD/FILEA.

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 DD/FILEA.

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 DD/FILEA.

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 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	**ECS error {error-number} in function {ecs-function}**
Explanation	ECS is the Entire Conversion Services, a subsystem of the Adabas universal encoding support (UES) system. This message is written after a function of the subsystem has failed. The following ECS functions may return errors:

ECS LOAD	An error loading ECS. Check that the ECS 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.
APS INIT	An error occurred during Software AG internal product software (APS - POSIX Services) initialization. Verify that the APS library is in the load library concatenation and/or that the APS parameters are specified in SYSPARM.
SLIBLOAD	An error loading SAGECS, SAGOVO, or SAGSMP2. Check that these modules from the Software AG base technology library can be found in the load library concatenation.
DDECSOJ	An error occurred during initialization while reading ECS standard conversion objects. Check that the nonexecutable binary ECS conversion object library is specified in the DDECSOJ DD statement of the JCL.
GETHANDLE *nnnn*	An error occurred reading the ECS encoding descriptor object EDD*nnnn*. Check that the nonexecutable binary ECS conversion object library is specified in the DDECSOJ DD statement of the JCL. Check that EDDnnnn is contained in the library. If it is not, then either an invalid number was specified or the object is missing and must be added.
GETHANDLE *mmmm/nnnn*	See the GETHANDLE *nnnn* explanation. In this case, an ECS plane table object (PTO) is missing T*xxx*2*yyy* where *xxx* or *yyy* are the hexadecimal value of the decimal *mmmm* or *nnnn*, respectively. For some conversion combinations, it may be necessary to request additional PTOs from your Software AG support representative.

Action: Resolve the problem and try again.

ADAU7C   **Entire Conversion Services {v.r.s} initialized**

Explanation   The specified version / revision / system-maintenance level of Entire Conversion Services 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
Checking Adabas system file with NOOPEN in effect	ADAACK or ADAICK	NOOPEN was not specified in Adabas utilities. Consequently, ADAACK or ADAICK will issue OP commands to check the files. The OP commands may cause problems for the checkpoint file or the security file, so no OP command is issued for these files and this message appears.
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.

	NOOPEN was not specified in Adabas utilities. Consequently, ADAACK or ADAICK will issue OP commands to check the files. The OP commands may cause problems for the checkpoint file or the security file, so no OP command is issued for these files and this message appears.
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.

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.

38 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. 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. 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. 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 Software AG 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
                    AG 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: `DBdddddpppppNnn` -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: `DBdddddpppppNnn` -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 AG 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 Software AG 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 Software AG 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, CLUGROUPNAME, and

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: DB*dddddpppppNnn* -where *ddddd* is the database ID, *ppppp* is the nonzero nucleus ID, and *nn* is an internal ordinal identifier.	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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative for assistance.
XCF latch set creation failed	An error was reported by the IBM latch set creation routine ISGLCRT.	Contact your Software AG 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 Software AG technical support representative for assistance.

Action The user actions are given in the table above. If the problem persists, contact your Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 AG 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 Software AG 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 Software AG 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:

DB*dddddpppppNnn*

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 Software AG 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 Software AG 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 AG 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 Software AG 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 Software AG 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 Software AG 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.

Message Text	Explanation	Action
dbid TI-9, error set process token: *xx*	A fatal error occurred in obtaining the process token value xx as returned from the Adabas Operating System interface ADAIOR, where *dbid* is the database ID of the SMP cluster.	Note the response code delivered and contact your Software AG technical support representative for assistance.

Action   The user actions are given in the table above. If the problem persists, contact your Software AG 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 Software AG technical support representative for assistance.
TT-1, SMM terminating	The SMM facility is terminating.	Contact your Software AG 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 Software AG 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 Software AG 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.
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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative for assistance.

Action	The user actions are given in the table above. If the problem persists, contact your Software AG 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 Software AG 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.
TIMEX-0, SMM not yet initialized	A timer exit call was made without a previous successful initialization. ADASMM terminates.	Contact your Software AG 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 Software AG technical support representative for assistance.

Action   The user actions are given in the table above. If the problem persists, contact your Software AG 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: ■ *int-nucid* is the nucleus indicator entry for the cluster nucleus in the member state table (internal). ■ *idx-num* is the index number of the internal nucleus indicator entry. ■ *nucid* is the user-specified (external) NUCID number, or zero (0) for a noncluster nucleus.	No action is required for this informational message.

Message Text	Explanation	Action
	■ *nn* is the status of the nucleus: 03 to activate or 00 to release.	
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 Software AG technical support representative for assistance.

Action   The user actions are given in the table above. If the problem persists, contact your Software AG 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 Software AG 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 Software AG 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 its DD/link-name DD/WORKR1. The other nucleus (which was already running) accessed the data set just via its name in the catalog.
	If in doubt, contact your Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 AG 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 Software AG 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 AG 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 Software AG 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 Software AG 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 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. 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 Software AG technical support representative.

Action   Perform the action described in the table above.

ADAX49	**{dbid} Unexpected cache return code encountered** **{dbid} Function X'{ff}' {xxxxxxxxxxxxxxxxxxxxxxx}** **{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 Software AG 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.

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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 AG 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 Software AG 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.

It 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 Software AG 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 COOC7231            ↵

        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.
	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.
	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.
	A write request may also attempt to allocate a directory element to describe fragmented space. This is not a frequent occurrence.

Message Statistic Type	Description
	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. 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.
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. ■ There is one cache space chain latch to serialize space allocations. ■ 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. ■ There is a separate latch to serialize updates for each directory element. ■ 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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.

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 DD/PLOGRn. 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 DD/PLOGRn 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 DD/PLOGRn.
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 Software AG 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.

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.
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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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.

39 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 Software AG 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 Software AG technical support representative. Forward the SDUMP
                    created just before the message appeared.

40 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 AG.

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	AFPABM is attempting to stop but cannot do so until all jobs have released all Adabas Fastpath resources. The job named has not yet released resources and disconnected from the Adabas Fastpath buffer.

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.

41 APSPSX* - ADAECS or ADATCP Messages

The informational messages beginning with APSPSX are ADAECS (Conversion Services) or AD-ATCP (TCP/IP interface) messages from the ISE/POSIX subsystem that occur when running the nucleus. The same messages appear with ADACMP and other programs that call the modules ADAECS or ADATCP.

APSPSX0008	**{ADAECS | ADATCP} ISE/POSIX V{vrs} system initialized nucleus size {bytes}K bytes**
Explanation	The ISE/POSIX subsystem has been successfully initialized.
Action	No action necessary for this informational message.

APSPSX0012	**{ADAECS | ADATCP} ISE/POSIX {CDI PH FILE | V{vrs}} system terminated**
Explanation	The ISE/POSIX subsystem server has terminated.
Action	No action necessary for this informational message.

APSPSX0015	**{ADAECS | ADATCP} ISE/POSIX V{vrs} initialization in progress**
Explanation	The ISE/POSIX subsystem server has started its initialization processing.
Action	No action necessary for this informational message.

APSPSX0027	**{ADAECS | ADATCP} initializing with configuration 'PAANCONF'**
Explanation	Indicates the ISE/POSIX subsystem configuration module is being used.
Action	No action necessary for this informational message.

APSPSX0036	**{ADAECS	ADATCP} global environment variables processed successfully**
Explanation	The global environment variable file of the ISE/POSIX subsystem was processed successfully and the global environment variables specified in the file were successfully defined.
Action	No action necessary for this informational message.

APSPSX0049	**Required configuration parameter {parameter} missing or invalid**
Explanation	During the initialization of a CDI protocol driver, a required configuration parameter was missing or invalid. This initialization cannot proceed.
Action	Add or correct the specified parameter and restart the nucleus. See the Adabas Installation documentation for more information.

APSPSX0050	**{ADAECS	ADATCP} ISE/POSIX CDI {file} protocol initialized**
Explanation	The ISE/POSIX subsystem CDI protocol driver implementing the *file* protocol was successfully initialized.
Action	No action necessary for this informational message.

42 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
	x'10' 16-call required
	x'08' attached buffers
	x'04' attached buffers required
`ss`	more CQE status flags in hexadecimal:
	x'80' in process
	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 Software AG 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 Software AG 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 Software AG 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.

43 ARF* - Adabas Event Replicator Subsystem Messages

ARF00001   **Default broker name was inserted**

Explanation   No default webMethods 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 webMethods EntireX service was provided in a webMethods EntireX destination definition. One is required.

Action   Specify a valid webMethods 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 webMethods EntireX destination definition when no webMethods EntireX ID was supplied.
Action	Supply a valid webMethods 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 webMethods EntireX destination definition but a webMethods EntireX service class name was not supplied.
Action	Supply a valid webMethods EntireX service class name.

ARF00027	**Service Name must be provided**
Explanation	An attempt was made to save a webMethods EntireX destination definition but a webMethods EntireX service name was not supplied.
Action	Supply a valid webMethods 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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.

44 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 Software AG 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.

45 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 Software AG 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). 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** **{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. 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 Software AG support representative for further assistance.

46 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 AG License check {license}**
Explanation	A Software AG license check occurred for the license shown in the message.
Action	No action 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.

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 Software AG 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 Software AG 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 Software AG 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 Software AG 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.

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.

ART0412I	Generic Target testing complete
Explanation	Tests on the generic targets have completed.
Action	No action is required for this informational message.

ART0501I	EntireX Broker information {info}
Explanation	This message displays information about a webMethods EntireX source used to convey replicated Adabas data to the Event Replicator Target Adapter.
Action	No action is required for this informational message.

ART0502I	EntireX Broker source shutdown requested
Explanation	A request is being processed to close a webMethods EntireX source used to convey replicated Adabas data to the Event Replicator Target Adapter.
Action	No action is required for this informational message.

ART0503I	EntireX Broker source shutdown requested; processing: {state} userstop: {xxxx}
Explanation	A webMethods 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 webMethods 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 webMethods 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 webMethods 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 webMethods EntireX source. The error class (*class*), message code (*code*) and message text (*msg*) are given in the message.
Action	Refer to your webMethods 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 webMethods EntireX source. The error class (*class*), message code (*code*) and message text (*msg*) are given in the message.
Action	Refer to your webMethods EntireX documentation for additional information.

ART0509E	**EntireX Broker exception: {info}**
Explanation	An exception occurred during an attempt to use a webMethods EntireX source. The exception information (*info*) is given in the message.
Action	Contact your Software AG 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 webMethods EntireX source. The error class (*class*), message code (*code*) and message text (*msg*) are given in the message.
Action	Refer to your webMethods 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 webMethods 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 webMethods 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 webMethods 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 Software AG technical support representative for assistance.

ART0513E	**EntireX Broker commit error message: {err-msg}**
Explanation	An error occurred during an attempt to use a webMethods EntireX source definition. The webMethods EntireX error message (*err-msg*) is listed in the message.
Action	Contact your Software AG 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 webMethods 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 webMethods EntireX trace log file in the webMethods EntireX definitions. If it is not, correct the name and try again. If the problem persists, contact your Software AG 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 webMethods 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 webMethods 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 webMethods 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 Software AG 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 webMethods EntireX source. The error class (*class*), EntireX message code (*code*) and EntireX message text (*msg*) are listed in the message.
Action	Contact your Software AG 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 webMethods EntireX source. The EntireX ID (*host-id*), service (*service*) and message text (*msg*) are listed in the message.
Action	Contact your Software AG technical support representative for assistance.

ART0520E	EntireX Broker user ID required
Explanation	A valid webMethods EntireX user ID is required but was not supplied.
Action	Supply a valid webMethods EntireX user ID and try again.

ART0521E	EntireX Broker token required
Explanation	A valid webMethods EntireX token is required but was not supplied.
Action	Supply a valid webMethods 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative.

ART0610E	Cannot convert create table schema to string
Explanation	An internal error has occurred.
Action	If the problem persists, contact your Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative for assistance.

ART0706E	**Source message is null on commit**
Explanation	An internal error has occurred.
Action	Contact your Software AG technical support representative for assistance.

ART0707E	**Unsupported source type {type}**
Explanation	An internal error has occurred.
Action	Contact your Software AG 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 Software AG 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.

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.

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 Software AG technical support representative.

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.

ART0903I	**Retrying Database Transaction**
Explanation	An attempt is in progress to retry the database transaction.
Action	No action is required for this informational message.

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 Software AG technical support representative for assistance.

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 Software AG technical support representative for assistance.

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.

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 Software AG 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 Software AG 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.

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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative for assistance.

ART1213E	**Internal error of Sybase ASE**
Explanation	An internal error occurred in Sybase ASE
Action	Contact your Software AG 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 Software AG 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 Software AG technical support representative for assistance.

ART1216E	**Cannot find previous column information**
Explanation	An internal error occurred.
Action	Contact your Software AG technical support representative for assistance.

ART1217F	**Initial context is null**
Explanation	An internal error occurred.
Action	Contact your Software AG technical support representative for assistance.

ART1218F	**Context lookup is null**
Explanation	An internal error occurred.
Action	Contact your Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative for assistance.

ART1226E	**Cannot create executing SQL statement**
Explanation	An internal error occurred.
Action	Contact your Software AG 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 Software AG technical support representative for assistance.

ART1229E	**Unable to load/construct DB support class for {classname}**
Explanation	An internal error occurred.
Action	Contact your Software AG 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.

ART1232E	**Cannot insert column**
Explanation	An internal error occurred.
Action	Contact your Software AG 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 Software AG 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 Software AG 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 AG 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 Software AG 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 Software AG 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.

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.

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.

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.

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 Software AG technical support representative for assistance.

ART1304E	**Loader exception**
Explanation	An exception occurred during the loading process.
Action	Contact your Software AG 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 Software AG technical support representative for assistance.

ART1307E	**Control file {fn} is not generated**
Explanation	The control file listed in the message (*fn*) was not generated.
Action	Contact your Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative for assistance.

ART1320E	Cannot find control file name
Explanation	An internal error occurred.
Action	Contact your Software AG technical support representative for assistance.

ART1321E	Cannot find log file name
Explanation	An internal error occurred.
Action	Contact your Software AG technical support representative for assistance.

ART1322E	Cannot find bad file name
Explanation	An internal error occurred.
Action	Contact your Software AG technical support representative for assistance.

ART1323E	Cannot find discard file name
Explanation	An internal error occurred.
Action	Contact your Software AG technical support representative for assistance.

ART1324E	Cannot find out file name
Explanation	An internal error occurred.
Action	Contact your Software AG technical support representative for assistance.

ART1325E	Create loader process failed
Explanation	An internal error occurred.
Action	Contact your Software AG 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 Software AG technical support representative for assistance.

ART1328E	Cannot create XsltWorker
Explanation	An internal error occurred.
Action	Contact your Software AG 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 Software AG 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 Software AG technical support representative for assistance.

ART1331E	Worker is null
Explanation	An internal error occurred.
Action	Contact your Software AG technical support representative for assistance.

ART1332E	Cannot create loader thread
Explanation	An internal error occurred.
Action	Contact your Software AG technical support representative for assistance.

ART1333E	**Cannot create piped stream**
Explanation	An internal error occurred.
Action	Contact your Software AG 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 Software AG 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 Software AG technical support representative for assistance.

ART1337E	**Unable to send message to the loader**
Explanation	An internal error occurred.
Action	Contact your Software AG technical support representative for assistance.

ART1338E	**Cannot find base file name**
Explanation	An internal error occurred.
Action	Contact your Software AG 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 Software AG technical support representative for assistance.

ART1341E	**Cannot find WebDAV**
Explanation	The WebDAV file cannot be found.
Action	Contact your Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative for assistance.

ART2002E	**Operation is null**
Explanation	An internal error occurred.
Action	Contact your Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative for assistance.

47 ARVU* - Adabas Review Interface Messages

ARVU01	**{dbid} GETMAIN failure, 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. 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.
	Under BS2000 increase/add the ADARUN parameter SUBMPSZ=140000000.

ARVU02	**{dbid} REVIEW HUB ID={ target-id} LOG RETD RSP {rsp}** **{dbid} REVIEW HUB ID= {target-id} CLS RETD RSP {rsp}** **{dbid} REVIEW HUB ID= {target-id} OPN RETD RSP {rsp}**
Explanation	A non-zero Adabas response was 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 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 `REVIEWHUBID=hub-id` may be used to change the value to a another target ID.

ARVU04	{dbid} REVIEW 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. Wait for *nnnnn* seconds, after which ADARVU will resend the request to the Adabas Review hub. 2. Ignore the non-zero response received from the Adabas Review hub and to continue processing. 3. Immediately resend the request to the Adabas Review hub. The message displays the service request received 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 fourth 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, REVIEW set to NO**
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 HUB {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. *Action:* No action required. This message is for your information only.
{NO | *count* } REPORT*s* REQUIRE*s* BUFFERS	If at least one report requires buffers, ADARVU transmits the requested Adabas control buffer data in addition to the command log data. The *count* indicates the number of started reports and/or the number of reports requiring buffers. *Action:* No action required. This message is for your information only.
REVIEW HUB TRANSPORT INITIALIZED, MEMORY *mmmmmmmm*	BS2000: The hub started Adabas Review Trans-port with the memory *mmmmmmmm*. *Action:* No action Required. This message is for your information only.
RTPINIT, CANNOT GET HEADER, SIZE *ssssssss*, MEMORY *mmmmmmmm*	BS2000: The hub cannot acquire an Adabas Review Trans-port header of size ssssssss using memory mmmmmmmm. *Action:* Check memory allocation parameters in use in the Adabas Review Hub. Otherwise contact SAG Support.
RTPINIT, COULD NOT ESTABLISH EXIT FOR RTPTERM - RC *rrrrrrrr*	BS2000: The RTPTERM exit module could not be established in the Hub's task. *Action:* Send Hub output protocol to SAG Support.
RTPINIT, REVIEW HUB COULD NOT BE FOUND IN IDT	BS2000: The hub has not successfully registered with the ID Table. The IDT is a table of databases or nodes still active in the system. *Action:* Check in the output protocol for other error messages from the Adabas MPM. Otherwise contact SAG support.
RTPSSPC, HEADER HAS *xxxxxxxx* AND DBID *dddddddd*	BS2000: The stored Adabas Review Trans-port header has an ID that is different from the one in the request. This header exists in a common memory pool and should

Message Text (*text*)	Description
	have an eyecatcher of ADAPCTRA and the Hub's dbid. This doesn't check. *Action:* Contact Software AG Support with dump and protocol information.
RTPSSPC, REVIEW HUB COULD NOT BE FOUND IN IDT	BS2000: The nucleus tried to access a hub with a DBID that is unknown to the system. The IDT is a table of databases or nodes still active in the system. *Action:* Use the Utility IDTLOOK to check for active IDs in the table. Check also on the use of the `GROUPS=NO/YES` parameter. Otherwise, contact SAG support.
RTPSSPC, REVIEW HUB *hubid* HAS BEEN REMOVED FROM THE IDT	BS2000: The hub ID requested is no longer active. *Action:* Use the Utility IDTLOOK to check for active IDs in the table. Check also on the use of the `GROUPS=NO/YES` parameter. Otherwise contact SAG support.
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 can be F (format buffer), R (record buffer), S (search buffer), V (value buffer), M (multifetch buffer), or I (ISN buffer). *Action:* Verify that the correct buffers are specified. Otherwise, no action is required for this informational message.
TRANSPORT INITIALIZED, MEMORY *mmmmmmmm*	BS2000: The nucleus accessed the hub through the Adabas Review Trans-port and uses the common memory defined by mmmmmmmm. *Action:* No action required. This message is for your information only.

ARVU16	{dbid} REVIEW 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 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	z/OS only. 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	BS2000 and z/OS only. 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 AG 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
ADAPMT	1	Operating system erroneously VM/ESA.
ADAPMT	2	Operating system erroneously BS2000.
ADAPSM	1	ADAPLRPL work area is missing.
ADAPSM	2	The Pulse extension in CLEX is missing.
ADAPST	1	SVC number is zero. **Action:** Check SVC numbers in Reports.
ADAPST	2	A'ADAPCS is missing. **Action:** Check whether module ADAPCS is available.
ADAPST	3	A'ADAPCS is missing. **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. **Action:** Check whether module ADAPCS is available.
ADAPST	6	A'ADAPCS is missing. **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 AG 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 AG 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 AG 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.

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. REVIEW = NO set.**

Explanation   The ADARUN parameters DBID and REVIEW specify equivalent DBID values. 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, REVIEW set to NO.**

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} 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. This message is informational only.

ARVU41   **{dbid} BUFFER 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) 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} Hub mode log records {n,nnn,nnn,nnn}** **{dbid} Local mode log records {n,nnn,nnn,nnn}** **{dbid} Log record filtering** **{dbid} Records processed {n,nnn,nnn,nnn}** **{dbid} Records filtered {n,nnn,nnn,nnn}** **{dbid} Largest log record {nn,nnn}** **{dbid} Successful Hub calls {n,nnn,nnn,nnn}** **{dbid} Unsuccessful Hub calls {n,nnn,nnn,nnn}** **{dbid} Storage keys of nucleus and hub are different.**
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
Action	None required. This message is informational only.

ARVU46   {dbid} REVIEW local mode closed now

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

ARVU48   {dbid} Connection established with Hub {target-id}

Explanation   A handshake with the Hub completed successfully.

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

ARVU49   {dbid} Internal error at {module X'offset'}

Action   Notify your Software AG 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.

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.

48 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 Software AG 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 specfiy 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.

49 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 AG 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 Software AG 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 Software AG 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 Software AG 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 AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 AG 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.

50 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 Software AG 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").

51 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.

52 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 AG 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 Software AG representative.

AVI-0017-10	**Config File Error (DdbidFfnr); Rspnnnnn Srspsssss**
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 Srspsssss**
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 Srspsssss 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.

53 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.
	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.
	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 Software AG 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 Software AG 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.

54 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.
	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 Software AG 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 Software AG 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.

COR032S	**Memory Pool enable failure, RC=########, Pool=###############**
Explanation	BS2000 only. A request to enable a memory pool has failed.
Action	Contact your Software AG technical support representative.

COR033S	**Memory Pool allocation failure, RC=########,Pool=###############**
Explanation	BS2000 only. There has been an error during allocation of a System Coordinator memory pool. The failure is probably due to a shortage of memory in the global memory pool defined in the Coordinator group parameter for the service.
Action	Increase the size of the global memory pool in the group definition.

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 on z/OS systems 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.

COR043I	**Task #### is stalled by task @@@@**
Explanation	This message is issued by a UTM task (#### identifies the task) when it cannot operate because another task (identified by @@@@) is blocking it. The message is issued at intervals of five minutes, until the blockage is cleared.
Action	Determine if task @@@@ is looping, hanging or just running slowly. If it is looping or hanging, cancel it to clear the blockage. If it is just running slowly, the blockage will clear itself.

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 Software AG 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 Software AG technical support representative.

COR049S	**PRODUCT ## UNPACK FAILED RC=##**
Explanation	An internal error has occurred during latency processing.
Action	Contact your Software AG technical support representative.

COR050S	**LATENCY FILE ###### FAILED RC=####**
Explanation	An internal error has occurred during latency processing.
Action	Contact your Software AG 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 Software AG technical support representative.

COR078E	**Error managing ######## Function=## RF=######## R0=########**
Explanation	An internal error has occurred when managing the named dataspace.
Action	Contact your Software AG technical support representative.

55 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative.

CORD41S	**CSECT ######## ENTRY ######## OFFSET ########**
Explanation	Additional information to CORD40S.
Action	Contact your Software AG technical support representative.

CORD42S	**MODULE ######## ENTRY ######## OFFSET ########**
Explanation	Additional information to CORD40S.
Action	Contact your Software AG technical support representative.

CORD43S	**REGS ##### ######## ######## ######## ########**
Explanation	Additional information to CORD40S.
Action	Contact your Software AG 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 Software AG 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	z/OS only. 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.
	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 Software AG 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 AG 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 Software AG 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 Software AG 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 AG.

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 Software AG 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 for members of a daemon group defined with a System Type of IBM Parallel Sysplex.
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.

56 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 DD/PRINT.

> **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 invalid in SMP or sysplex**
Explanation	The CBUFNO parameter is not supported in an Adabas Parallel Services or an Adabas Cluster Services environment. Adabas Caching Facility ignores the parameter.

CWARN-136	**CEXCLUDE invalid in SMP or sysplex**
Explanation	The CEXCLUDE parameter is not supported in an Adabas Parallel Services or an Adabas Cluster Services 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.

57 DSF* - Delta Save Facility Messages

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}%)**
	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 Software AG 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 Software AG 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 Software AG 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/partition 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 Software AG 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 (DD/DRUCK or SYSLST); others appear in the ADARUN protocol (DD/PRINT, SYS009 or SYSOUT). 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/JCS**
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/link-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/link-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 DD-name/link-name 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/link 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/link 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/link 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 partition/region of the job. If the function was ADARES PLCOPY, rebuild the DSIM data set using the ADARES COPY function. Otherwise rerun the job.

DSF090	**Incorrect database version**
Explanation	The Delta Save Facility requires a database at Adabas version 5.3 SP3 or above. The requested function cannot be executed. The internal version indicator found in the GCBs is shown in hexadecimal format.
	The function is abnormally terminated.
Action	To use the Delta Save Facility, convert the database to Adabas version 5.3 SP3 or above.

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/link 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 Software AG 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/link 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative to determine the cause of the error.

58 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** **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}** **Name is {data-space-name}** **{Size in decimal bytes: {number-of-bytes} | not allocated - length is zero | not allocated - size is less than 4096 bytes}** **{function completed normally | data spaces already allocated}** **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 (or DBID/IDTNAME) 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 Software AG 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 Software AG 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 or link name D*ssddddd* in z/OS and z/VSE environments, or D*iiddddd* in BS2000 environments, where *ss* represents the last two digits of the SVC number, *ii* represents the fourth and last nonblank character of the IDT name, and *ddddd* is the database ID.
	ADADSP will continue to run, but write its messages only to the console.
Action	Contact your Software AG 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 series of messages describe an attempt to allocate 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 addressable memory), "G" (2G large page addressable memory), or "L" (1M large page addressable memory).

If the allocation is successful, the address of the object is shown. If ADAIOR reports return code 12, 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 large pages or 2G 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 Software AG 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 series of messages describe an attempt to delete a shared 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 addressable memory), "G" (2G large page addressable memory), or "L" (1M large page addressable memory).

If ADAIOR reports return code 12, the z/OS return and reason codes are shown. If the request resulted in an abend, the system and reason codes are shown.

Specifically, what is being deleted is the z/OS system affinity. 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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.

59 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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.

60 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. 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 Software AG 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). 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 AG 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). Increase the region size to resolve this problem. For additional assistance, contact your Software AG 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* *program* 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* 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 AG 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 Software AG 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 Software AG 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 Software AG technical support representative.

PLI018	**ADACOT initialization failed**
Explanation	The PLXINIT module failed during initialization. The affected ADACOT module abends.
Action	Contact your Software AG 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 Software AG 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 Software AG 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. *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. *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. *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. *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. *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. *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. *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. *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. *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. *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. *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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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	CLUDSPB }**
Explanation	This message indicates a GETMAIN failure at startup (ADACOM abends) or while dynamically adding an SVC/DBID combination (the system continues running).
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 AG 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 Software AG 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 Software AG 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.

61 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 DD/PRINT 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 Software AG 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 AG 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 Software AG 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 Software AG 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. 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). 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 Software AG 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). Increase the region size to resolve this problem. For additional assistance, contact your Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative.

PLX061	**{dbid} No useable PLXNUC found**
Explanation	This is an internal error. The Adabas cluster terminates abnormally (abends).
Action	Contact your Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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.

62 PL6* - PRILOG6 Print Program Messages

PL6000I	Card read =>{control-card}
Explanation	The PRILOG6 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 PRILOG6.
Action	Ensure that all cards either being with PRILOG6 or an asterisk (*) for a comment line.

PL6002E	Invalid parm: {parameter}
Explanation	The specified input parameter or value in the PRILOG6 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. The file on the DDCLOGIN link name should be sequential (DSORG PS) and variable-blocked (RECFM=VB). No reports are printed.
Action	Check the attributes of the file on the DDCLOGIN link name. Reallocate and rerun the job.

63 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 Software AG 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 Software AG 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.

64 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 Software AG 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.

REV0001	**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.

REV0002	**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 Software AG 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 Software AG technical support representative.

REV00054	**Now 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.
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 PF5 or 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.

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 Software AG technical support representative.

REV00105	**User profile has been saved**
Explanation	The changes made to the user profile have been saved.
Action	This message is for information only.

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 Software AG technical support representative.

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.

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.

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 Software AG 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 Software AG 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.

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.

REV00152	**Report has been refreshed**
Explanation	This confirms that a refresh (RF) command was successful.
Action	This message is for information only.

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.

REV00155	**DBID must be between 0 and 255.**
Explanation	An attempt was made to change the DBID number to less than 0 or greater than 255.
Action	Enter a DBID number in the range of 0 to 255.

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.

REV00157	**No field specified**
Explanation	No field name was specified for the entered criteria on the Edit Report screen.
Action	Enter a field name.

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 Software AG technical support representative.

REV0017	**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.

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.

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.

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.

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.

REV00247	**Userid must be specified**
Explanation	A user ID must be specified.
Action	Enter a user ID.

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 Software AG technical support representative.

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 PF5 to 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 Software AG 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 Software AG technical support representative.

REV00282	**No response time report definition was specified**
Explanation	No response time report definition was specified.
Action	Contact your Software AG 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 Software AG 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 Software AG technical support representative.

REV00310	**Unable to load ADALDI**
Explanation	Adabas Review was unable to load the ADALDI text module from the Adabas TXTLIB.
Action	Verify that the Adabas TXTLIB is accessible from your z/VM machine.

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.

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.

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.

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.

REV00341	**History task terminating normally**
Explanation	The Adabas Review history interval task terminated normally.
Action	This message is for information only.

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.

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.

REV00371	**GENAUTO is not available in CMS**
Explanation	A GENAUTO (or GA) command was entered but is not implemented in z/VM.
Action	This message is for information only.

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 for z/OS and z/VSE and at least 8K for BS2000.
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 confirms that the history file has been reset. This essentially unlocks the lock that was placed on the file during a CH function.
Action	None if the message says HISTORY FILE HAS BEEN RESET.

If the message also says DATA WAS LOST, restore the history file to a state prior to when the failing CH function was performed.

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.

REV00399	**AA is not available in VM/CMS**
Explanation	The AA function is not available in z/VM.
Action	This message is for information only.

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 Software AG 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 Software AG 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 Software AG technical support representative for assistance.
No SVC table address provided by caller		
SVC table address inconsistent with PAL		

Message Text	Explanation	Action
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 AG technical support representative for assistance.
Invalid SVC number too high	The version of ADATMZ that was loaded is too high.	Install the current version of ADATMZ. Contact your Software AG technical support representative for assistance.
No SVC *tbladdr* on get target call	An internal error has occurred.	Contact your Software AG 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".

REV0454	**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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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.

65 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 Software AG technical support representative.

REV20033	**I/O error occurred while loading termination task**
Explanation	I/O error occurred while loading termination task.
Action	Contact your Software AG 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   **{xxxxxxxxxxx} will be saved every {nnn} mins**

Explanation   The Adabas Review interval statistics task will save the data from the function or subsystem *xxxxxxxxxxx* 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 or RVUAUT2 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 Software AG technical support representative.

REV20056	**{xxxxxxxxxxxxxx} 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 Software AG technical support representative.

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 Software AG 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 Software AG 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 Software AG 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.

REV20118	RVUAUT1 selected. RVUAUT2 selected.
Explanation	The user has to specify two data definition job control statements

```
//RVUAUT1 DD ...
```

or

```
//RVUAUT2 DD ...
```

This message tells the user which statement is selected by Adabas Review.

Action   This message is for your information only.

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 Software AG 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, region, or partition 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 Software AG 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 Software AG 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, region, partition, or virtual machine 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 Software AG 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, region, or partition 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. This value is calculated by the trans-port routines. 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 queued {qnn}
                      Records skipped {snn}

Explanation   This message displays the number of records from clients that have been queued (*qnn*) and skipped (*snn*) via Trans-Port to the Adabas Review hub. Records are skipped when no storage is available to send them to the hub

Action   To resolve the storage problem, you might choose to increase the number of attached buffers (NAB ADARUN parameter) used during the Adabas Review session.

REV20145   **Free main error, length is zero**

Explanation   An internal error occurred freeing storage; a length of zero is requested.

Action   Contact your Software AG 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 Software AG 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 RY4rs003, where r is the release number and s is the system maintenance level of your Adabas Review installation.

REV20153	**RAOSAUTO 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 Software AG 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 {module-name}**
Explanation	A request for a LOAD to RAOSSYDR failed. The requested module 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 Software AG 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 or link name of the data set is given in the message (*xxxxxxxx*). This message
                  is issued only one time.

Action   Contact your Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative.

REV20187	**Function {function} no longer supported by interface**
Explanation	Internal error occurred.
Action	Contact your Software AG technical support representative.

REV20189	**{nnnnnnnnn} 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 (*nnnnnnnnn*).
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 RY4*rs*003, where *r* is the 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/partition.

```
ENCOUNTERED STORAGE ALLOCATION FAILURE,
 REINITIALIZATION SCHEDULED
```

The specified active report stopped collecting data because no more storage is available in the address space/partition. 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/partition.

```
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/partition.

Action   Investigate the cause of the specific error. In the event of a failure in the hash table manager, contact your Software AG 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 RY4`rs`003, where `r` is the 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 RY4`rs`003, where `r` is the 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 RY4*rs*003, where *r* is the 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 RY4*rs*003, where *r* is the 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 RY4*rs*003, where *r* is the 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 Software AG 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 Software AG 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 RY4*rs*003, where *r* is the 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 Software AG technical support representative.

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 Software AG technical support representative.

REV20302 **REVIEWB buffer processing stats**
maximum records in 1 period : {n}
REVIEWB processing periods : {n}
maximum 4K buffers queued : {n}
maximum 32K buffers queued : {n}

Explanation The message is the header of the following REVIEWB buffer processing statistics.

  ■ **maximum records in 1 period**
    specifies the maximum of records REVIEWB has processed during one processing period, i.e. between 2 wait situations.

  ■ **REVIEWB processing periods**
    specifies the number of processing periods executed during the life of the REVIEWB subtask.

  ■ **maximum 4K buffers queued**
    specifies the maximum of 4k buffers queued for the REVIEWB subtask at any time in the life of the subtask.

  ■ **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 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 Software AG 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.

66 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: ■ *f*: An "F" appears here if a format buffer was requested. ■ *r*: An "R" appears here if a record buffer was requested. ■ *s*: An "S" appears here if a search buffer was requested. ■ *v*: A "V" appears here if a value buffer was requested.

	■ *i*: An "I" appears here if an ISN buffer was requested. ■ *o*: An "O" appears here if an I/O list buffer was requested. ■ *m*: An "M" appears here if a multifetch buffer was requested If a buffer type was not requested, a dash ("-") appears in the appropriate location above. **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.

REVH17 **{hub-id} Trans-port is disabled.**

Explanation	The reason is provided in the previous message.
Action	The Trans-port feature is not available in z/VSE environments. To use the Trans-port feature in other supported operating environments, refer to the previous message.

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 Software AG 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 Software AG 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`.

67 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 Software AG 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 Software AG 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 Software AG 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 AG 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 Software AG technical support representative for assistance.

68 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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.

69 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 Software AG technical support representative for assistance.

SAFD08E	**IOR failure - function: ## error ##**
Explanation	An error occurred during an ADAIOR service call. Contact your Software AG 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.

70 SAGE* - z/VSE Batch Job Exit Utility Messages

These messages are written over the redisplayed SAGUSER batch control statements, starting in column 26, by the Software AG job exit utility (batch) for z/VSE systems.

SAGE020	- SAGIPT not found in the SDL
Explanation	An entry for the phase SAGIPT was not found in the SDL.
	The SAGUSER control statements cannot be processed.
Action	Verify that the phase SAGIPT was loaded into the SVA (using the SET SDL command). Load the phase if required, run the program SAGINST, and resubmit the job.

SAGE021	- DD name table not found
Explanation	The control table used by the job control exit cannot be found.
	The SAGUSER control statements cannot be processed.
Action	Verify that the program SAGINST ran correctly. If not, rerun it and verify that one of the following messages is displayed: SAGI005, SAGI006, or SAGI016.

SAGE022	- No room in DD name table
Explanation	The control table used by the job control exit is full.
	The SAGUSER control statements cannot be processed.
Action	Wait until some of the currently running jobs have completed and rerun the job that received the error message.

SAGE023   **- Invalid or missing FILE=**

Explanation   The SAGUSER control statement does not contain a "FILE=" parameter.

                       The SAGUSER control statement cannot be processed.

Action   Add the correct file designation to the control statement and rerun the job.

SAGE024   **- Invalid or missing MEMBER=**

Explanation   The SAGUSER control statement does not contain a "MEMBER=" parameter.

                       The SAGUSER control statement cannot be processed.

Action: Add the correct member designation to the control statement and rerun the job.

SAGE025   **- Invalid SAGUSER control statement**

Explanation   The SAGUSER control statement does not contain any valid keyword parameters.

                       The SAGUSER control statement cannot be processed.

Action   Add the correct parameters to the control statement and rerun the job.

71   SAGI* - Batch Initialization Messages (z/VSE Only)

These messages are written to the operator console and to SYSLST by the optional Adabas job exit. See the Adabas Installation documentation for more information.

SAGI001	**Software AG job exit V{v} installed**
Explanation	The Software AG job control exit is active.
Action	SAGUSER control statements will be processed.

SAGI005	**Table allocated (low) ADDR={addr}**
Explanation	The SAGUSER table was allocated in system GETVIS below the 16-MB line at the address indicated.

SAGI006	**Table allocated (high) ADDR={addr}**
Explanation	The SAGUSER table was allocated in system GETVIS above the 16-MB line at the address indicated.

SAGI010	**Software AG job exit already installed**
Explanation	The Software AG job control exit can be installed only once.
Action	No action is required if the Software AG job exit is actually installed. If it is not, perform an IPL and reestablish the job control exit chain.

SAGI016	**Table already allocated ADDR={addr}**
Explanation	The program SAGINST has already allocated the DD name table.
Action:	No action is required if the Software AG job exit is actually installed. If it is not, perform an IPL and reestablish the job control exit chain.

SAGI091	**Unable to locate $JOBEXIT in SDL**
Explanation	The entry for phase $JOBEXIT was not found in the SDL.
	The Software AG job exit cannot be installed.
Action:	Get information on the version, release, and service pack number of the operating system and call Software AG for support.

SAGI092	**Unable to locate SAGJBXT in SDL**
Explanation	The entry for phase SAGJBXT was not found in the SDL.
	The Software AG job exit cannot be installed.
Action	Verify that phase SAGJBXT was loaded into the SVA.

SAGI093	**Phase SAGJBXT in error**
Explanation	The phase SAGJBXT loaded into the SVA is not the job control exit supplied by Software AG.
	The Software AG job exit cannot be installed.
Action	Verify a probable error during the linkage edit of SAGJBXT.

SAGI095	**Unable to determine VSE level**
Explanation	Information about z/VSE (i.e., version and release) could not be found in the supervisor.
	The Software AG job exit cannot be installed. A storage dump is produced.
Action	Obtain the z/VSE version and release level; call Software AG for support.

SAGI096	**SAGJBXT ID not found in $JOBEXIT table**
Explanation	An entry for SAGJBXT was not found in the $JOBEXIT table (for z/VSE 1.2 and above).
	The Software AG job exit cannot be installed.
Action:	Add an entry for SAGJBXT in $JOBEXIT and retry the program SAGINST.

SAGI097	**SAGJBXT phase {phase} not found**
Explanation	The phase for SAGJBXT was found in the $JOBEXIT table (for z/VSE 1.2 and above), but the phase has not been loaded into the SVA.
	The Software AG job exit cannot be installed.
Action	Verify that phase SAGJBXT was loaded into the SVA.

SAGI098	**SAGJBXT phase {phase} not in SVA**
Explanation	The phase for SAGJBXT was found in the $JOBEXIT table (for z/VSE 1.2 and above) and has been loaded, but not into the SVA.
	The Software AG job exit cannot be installed.
Action:	Verify that phase SAGJBXT was loaded into the SVA.

SAGI099	**SAGJBXT phase {phase} not valid**
Explanation	The phase for SAGJBXT was found in the $JOBEXIT table (for z/VSE 1.2 and above) and has been loaded, but not into the SVA.
	The Software AG job exit cannot be installed.
Action:	Verify that phase SAGJBXT was loaded into the SVA.

SAGI101	**Allocation error (high) RC={ret-code}**
Explanation	An attempt to allocate space for the DD name table in 31-bit mode failed. The return code is from the GETVIS macro.
	The Software AG job exit will not process SAGUSER statements.
Action:	Verify that enough storage is available in the SVA for the DD name table; then rerun SAGINST.

SAGI102	**Allocation error (low) RC={ret-code}**
Explanation	An attempt to allocate space for the DD name table in 24-bit mode failed. The return code is from the GETVIS macro.
	The Software AG job exit will not process SAGUSER statements.
Action:	Verify that enough storage is available in the SVA for the DD name table; then rerun SAGINST.

72 SEFM* - ADASAF SAF Interface and SAF Security Kernel Messages

ADASAF displays an eight-byte code containing various return codes from SAF. This information is shown in a number of messages denoted *sssssss*.

The ADASAF return code "sssssss" contains the following structure:

Position	Information Content	
Byte: 1	SAF return code	
Byte: 2	Function code. ADASAF internal function codes (hex) include:	
	04	Authorize Adabas access
	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	**{sssssss} : {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 *sssssss*. 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 Software AG 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 storag 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 SAF Return Codes for information on how to interpret the error code ssssssss.

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 Software AG technical support representative.

Operator Command Messages (SEFM900+ Series) Adabas SAF Securityoperator command messages SAF Security Kerneloperator 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	**SSNAP, SSTAT, SUSERS, SUSTAT, SREST, SNEWCOPY, SLOGOFF, STRACE**
Explanation	This message is issued in response to an `SHELP` operator command and lists the valid SAF Kernel operator commands.
Action	No action is required for this informational message.

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 reqeusted 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.

73 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.

74 XTS* - Software AG Internal Transport Subsystem

Messages

The Software AG 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 AG 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 AG customer support.

XTS0051E	XTS Memory Allocation Error
Explanation	A failure to allocate memory occurred. Contact Software AG 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 Software AG customer support.

XTS0055E	XTS Protocol Init failed
Explanation	A protocol initialization failure occurred. Contact Software AG 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 Software AG 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 Software AG customer support.

XTS0077E	**XTS Conversion failed**
Explanation	The conversion between wide character and MBNS failed. Contact Software AG 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 Software AG 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 Software AG 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 AG 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 Software AG 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 Software AG customer support.

XTS0173E	XTS SSL want read error
Explanation	The Secure Sockets Layer (SSL) write routine returned want read error code. Contact Software AG 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 Software AG 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 Software AG 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

XIII 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 codes 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.

Return codes are supported by operating system as described in the following table:

Operating System	Return Code Support
z/OS	See the job control language reference manuals for job step condition code information.
z/VSE	Return codes are supported.
BS2000	Return codes are supported using job variables. For more information, see the Adabas Installation documentation, section *How to Manage Job Variables in the Adabas Environment*.

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.

ADAACK Return Codes

Return Code 4

Explanation	One of the following occurred:

■ Warning: The last formatted ISN is not set.

■ Warning: The last formatted AC2 ISN is not set.

Return Code 4 or 8

Explanation	Database inconsistency.

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.

ADADCK Return Codes

Return Code 4 or 8

Explanation   Database inconsistency.

ADAICK Return Codes

Return Code 4

Explanation   One of the following occurred:

- GETMAIN failed.
- ICHECK detected WARNING-163 (unreachable index blocks).
- Warning-171: The last formatted ISN is not set.
- Warning-171: The last formatted AC2 ISN is not set.

Return Code 8

Explanation   Database inconsistency.

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.

■ An error occurred converting the mirror table to version 7 format.

■ 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 DD/SIAUS1 or DD/SIAUS2 data set. The error message is printed in DD/DRUCK.

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.

ADAVAL Return Codes

Return Code 4

Explanation   Not all files were validated.

Return Code 8

Explanation   Database inconsistency.

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.

75 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, ..., DDASSOR5) 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.

Note: If this error occurs in a BS2000 environment when running ADAFRM, please check that the size of the container is track-rounded. For more information, read *Splitting Data Sets Across Volumes* under *BS2000 Device Types and Block Sizes*, in the *Adabas BS2000 Installation Guide*.

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, ..., DDDATAR5) 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 (DD/TEMPR1).
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 (DD/SORTR1 or DD/SORTR2).
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 Software AG 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 Software AG 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 DD/NAME, 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: *ll vvvvvvvv* 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 SORTRn/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.

76 ADAACK Utility Messages

ERROR-121	**Error counter reached maximum (ERRLIM)**

ERROR-122	**Invalid value for parameter file**
Explanation	A range of file numbers must be supplied in ascending order.
Action	Supply the correct parameter value and rerun the job.

ERROR-123	**Invalid or missing FROMISN/TOISN parameter**

ERROR-125	**Invalid block length for DS block {xxxxxxxx} ({nnnn})**

ERROR-126	**AC Element contains DS RABN {xxxxxxxx} ({nnnn}) (duplicate ISN)**

ERROR-127	**AC element contains DS RABN {xxxxxxxx} ({nnnn})**

ERROR-128	**ISN {xxxxxxxx} ({nnnn}) not found AC element contains DS RABN {xxxxxxxx} ({nnnn})**

ERROR-129	**Wrong value for first unused ISN found in FCB**
Explanation	FCB+ISNU (offset X`44') contains xxxxxxxx (nnnn) Actual first unused ISN = *xxxxxxxx (nnnn)*

ERROR-130	**Invalid datastorage block/record length. DS RABN = {xxxxxxxx} ({nnnn})**
Explanation	The sum of all record lengths in the block must be equal to the block length minus 4.
Action	Run the ADACHK DSCHECK utility function to obtain more information.

ERROR-131	**ISN found in DS record is greater or equal to the first unused ISN in the file.**
Explanation	The ISN found in a Data Storage record is greater or equal to the first unused ISN in the address converter.

ERROR-132	**Invalid secondary ISN values in FCB**
Explanation	When spanned records are enabled, the first unused secondary ISN in the secondary address converter (used to map secondary ISNs to the RABNs of secondary records) must not be more than one higher than the maximum ISN included in the secondary address converter. In addition, the maximum ISN included in the secondary address converter must be the same as the highest allocated ISN for the secondary address converter.

ERROR-133	**AC2-element contains DS-RABN {xxxxxxxx} ({nnnn}) (duplicate ISN)**
Explanation	When spanned records are enabled, a secondary address converter element contains a duplicate ISN.

ERROR-134	**AC2-element contains DS-RABN {xxxxxxxx} ({nnnn})** **and Secondary ISN {xxxxxxxx}- ({nnnn}) not found in data storage** **or DS Block={xxxxxxx}- ({nnnn}), ISN={xxxxxxxx}- ({nnnn})**
Explanation	When spanned records are enabled, a mismatch exists between the secondary address converter elements and Data Storage.

ERROR-135	**Wrong value for first unused AC2 ISN found in FCB**
Explanation	When spanned records are enabled, the first unused secondary ISN in the FCB and the first unused ISN in the secondary address converter do not match.

ERROR-136	**AC2 ISN found in DS-record is greater or equal to the first unused AC2 ISN in the file**
Explanation	When spanned records are enabled, the secondary ISN found in the Data Storage record is larger than or equal to the first unused ISN in the secondary address converter.

ERROR-137	Spanned Data Storage record flag bits are invalid Secondary ISN {xxxxxxxx} ({nnnnn}) in DS-RABN {xxxxxxxx} ({nnnnn}) Flag bits are {xx}
Explanation	When spanned records are enabled, the Data Storage RABN listed in the message is invalid.
Action	For further details, run the ADACHK DSCHECK utility function and then run the ADACHK print utility functions (DATAPRINT and DSIMPRINT) on the listed Data Storage RABN.

ERROR-138	Invalid rotating ISN {isn-num}
Explanation	This ISN is outside the valid range.
Action	Research the problem and contact your Software AG technical support representative for assistance.

ERROR-139	Cannot keep more than 500 million ISNs in core
Explanation	The number of ISNs requested for the ADAACK utility exceeded the limit that can be requested.
Action	Limit the ISN range and rerun the ADAACK job.

ERROR-140	Invalid ISN values in FCB
Explanation	The first unused ISN must not be higher than the maximum ISN (MAXISN) plus 1. The maximum ISN must correspond to the highest allocated ISN.

ERROR-141	AC2 table overflow
Explanation	When spanned records are enabled, a secondary address converter table overflow occurred.

ERROR-142	AC2 ISN {xxxxxxxx} ({nnnn}) not found AC2 element contains DS RABN {xxxxxxxx} ({nnnn})
Explanation	When spanned records are enabled, a Data Storage RABN was found in the secondary address converter (AC2), but not in Data Storage.

ERROR-143	Invalid rotating AC2 ISN {isn-num}
Explanation	This secondary address converter ISN is outside the valid range.
Action	Research the problem and contact your Software AG technical support representative for assistance.

ERROR-144	**AC2 RABN {nnnnnnnn} ({nnnnnnnn}) is invalid**
Explanation	The secondary address converter RABN listed in the message is invalid.
Action	Print the contents of the Associator blocks using the ADACHK ASSOPRINT utility function. Then contact your Software AG technical support representative for assistance.

ERROR-145	**Invalid ISN values in FCB**
Explanation	Invalid ISN values were found in the FCB.

- The top ISN must not be higher than the last formatted ISN.
- The last formatted ISN must not be higher than the MAXISN.

Action	Contact your Software AG technical support representative for assistance.

ERROR-146	**Invalid secondary ISN values in FCB**
Explanation	Invalid secondary ISN values were found in the FCB.

- The top AC2 ISN must not be higher than the last formatted AC2 ISN.
- The last formatted AC2 ISN must not be higher than the AC2 MAXISN.

Action	Contact your Software AG technical support representative for assistance.

ERROR-147	**Error in description of DSST extent number {nnnn}** **Reason : Blocksize of last DSST extent RABN is not equal to the value in the DSST extent description**
Explanation	The extent block sizes in the Data Storage space tables (DSST) do not match.
Action	Contact your Software AG technical support representative for assistance.

77 **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 Software AG 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.

78 **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 (*xxxxxx*) 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.

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.

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.

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.

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.

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.

CHK024I	Spanned record with primary ISN {isn} (x'{xxxxxxxx}') from DS RABN {rabn} (x'{xxxxxxxx}') can not be assembled because of error 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative.

CHK130E	ERROR: Spanned record with ISN = {isn} (x'{xxxxxxxx}') in DS RABN {rabn} (x'{xxxxxxxx}') contains inconsistencies. 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}' ERROR: Spanned record with ISN = {isn} (x'{xxxxxxxx}') in DS RABN {rabn} (x'{xxxxxxxx}') contains inconsistencies. A spanned DS record must be either a primary or a secondary record. Neither is not permitted. Offset to record in DS block - x'{xxxx}' ERROR: Spanned record with ISN = {isn} (x'{xxxxxxxx}') in DS RABN {rabn} (x'{xxxxxxxx}') contains inconsistencies. ISN of this spanned record field is zero or exceeds the maximum possible ISN. Offset to record in DS block - x'{xxxx}' ERROR: Spanned record with ISN = {isn} (x'{xxxxxxxx}') in DS RABN {rabn} (x'{xxxxxxxx}') contains inconsistencies. Master ISN field is zero or exceeds the maximum possible ISN. Offset to record in DS block - x'{xxxx}' .
Explanation	The header (primary) or secondary record of the spanned Data Storage record with the ISN number listed in the message (*isn*) is erroneous. **Note:** This message has several variations in its text, as shown above.
Action	Determine the cause of the error and correct it. If you need assistance, contact your Software AG technical support representative.

CHK131E	ERROR: Primary spanned record with ISN = {nnnn} (x'{xxxxxxxx}') in DS RABN {rabn} (x'{xxxxxxxx}') contains inconsistencies. {rsns}
Explanation	Errors were encountered with the primary spanned record identified in the message. Possible reasons for the error (rsns) are also provided in the message. Possible reasons are: ■ ISN of this record and Master ISN fields should be the same. Offset to record in DS block - x'*xxxxx*'. ■ Next ISN field is zero or exceeds the maximum possible ISN. Offset to record in DS block - x'*xxxxx*'.
Action	Review the reasons supplied with this message to determine the cause of the error and correct it. If you need assistance, contact your Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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.

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 Software AG technical support representative.

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.

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.

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 Software AG technical support representative.

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 Software AG technical support representative.

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.

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 AG technical support representative for assistance.

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 Software AG 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 Software AG 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 Software AG 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

Action	Determine the cause of the error and correct it. If you need assistance, contact your Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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).

Action	Determine the cause of the error and correct it. If you need assistance, contact your Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

CHK176E	ERROR: The Parent field {fld} for field {fld} has invalid attributes. Subcode is {nnnn} : 1) FROM/TO value(s) = 0; 2) FROM > TO; 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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative.

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 Software AG technical support representative.

CHK206E	**ERROR: Field {fld} has the LA or LB option:** **- it must have Alphanumeric format or** **- it must have Wide format,** **- 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative.

CHK221E	{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.

Action	Determine the cause of the error and correct it. If you need assistance, contact your Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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.

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 Software AG 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 Software AG 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 Software AG 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.

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 Software AG 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 Software AG technical support representative.

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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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: {AC	AC2} 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 Software AG 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 Software AG 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 does not belong to any of the file extents.
Explanation	The primary (AC) or secondary (AC2) address converter element for the ISN shown in the message (*nnnn*) contains a DS RABN that does not belong to the file extents.
Action	Perform an FCBPRINT to check the file extents and identify the problem. Contact your Software AG 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 Software AG technical support representative for assistance.

CHK276E	ERROR: Secondary record in DS RABN {rabn} (x'{xxxxxxxx}') contains 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 Software AG 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 Software AG 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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

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 Software AG technical support representative.

CHK283E	**ERROR: Duplicate ISN {nnnn} (x'{xxxx}') found in DS RABNs - {rabn1} (x'{xxxxxxx}') and {rabn2} (x'{xxxxxxx}') .**
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 Software AG technical support representative.

CHK284E	**ERROR: Secondary ISN {nnnn} (x'{xxxxxxxx}') 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative.

CHK289I	**Invalid primary ISN parameter {parm} (x'{xxxxxxxx}') passed from ADACHK to the nucleus.** **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 Software AG technical support representative so this internal error can be corrected.

CHK290I	**Invalid secondary ISN parameter 18 (x'{xxxxxxxx}') passed from ADACHK to the nucleus.** **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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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.

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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative if you need assistance or suspect an error.

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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative.

CHK335E	ERROR: Nucleus verification check detected {AC	AC2} element of ISN {isn} (x'{xxxxxxx}') from ASSO RABN {rabn} (x'{xxxxxxx}') contains invalid DS RABN {rabn} (x'{xxxxxxx}'). This RABN does not belong to any of the file extents.
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 in the file extents. If it finds a problem, this error is printed. Typically, a CHK274E message will also be reported.
Action	Contact your Software AG technical support representative for assistance.

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.

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'{xxxxxxx}') was not found in DS RABN {rabn} (x'{xxxxxxx}').
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 Software AG technical support representative.

CHK338E	The secondary ISN {nnnn} (x'{xxxxxxx}') was not found in DS RABN {rabn} (x'{xxxxxxx}').
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 Software AG technical support representative.

CHK339E	The ISN is invalid in the spanned DS record header of secondary ISN {nnnn} (x'{xxxxxxx}') in DS RABN {rabn} (x'{xxxxxxx}').
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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 and therefore the RESET did not execute successfully.
Action	Determine the cause of the response and correct it. If you need assistance, contact your Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative for assistance.

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 Software AG technical support representative.

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 Software AG 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 Software AG 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 Software AG 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'{xxxxxxxxxxxxxxx}') 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 Software AG technical support representative.

CHK997I	**Invalid input parameters for {fx}.** **{rabn-list}.**
Explanation	Invalid parameters were specified for the ADACHK function (*f x*) 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.

79 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
                     Software AG 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
                     Software AG 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.

                     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
                     Software AG 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
                     Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG technical support representative.

80 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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.** **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/JCS and use two sort data sets with identical device types.

SRT025E	**Internal error at xxxxxx** **Register contents at time of error:** **{register-contents}** **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}** **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.

81 ADACMP Utility Messages

ERROR-121	**Invalid value for parameter RECFM**
Explanation	This parameter is required for z/VSE only. Valid values are:

RECFM=F	fixed
RECFM=FB	fixed blocked
RECFM=V	variable
RECFM=VB	variable blocked
RECFM=U	undefined

Action	Supply the correct parameter value and rerun the job.

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 (EBAND/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 Software AG 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 Software AG 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.

82 **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.** **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 Software AG 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.

83 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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-213	Invalid record buffer length
Explanation	The record buffer length is invalid.
Action	Contact your Software AG technical support representative for assistance.

ERROR-214	Missing or too many fields in FIELDLIST
Explanation	The FIELDLIST parameter is missing or contains more than 800 fields.
Action	Investigate the cause of the error. Either supply a FIELDLIST parameter or reduce the number of fields listed on the FIELDLIST parameter. Then rerun the job.

ERROR-215   **Field does not exist in the FDT**

Explanation   The FIELDLIST parameter contains a field that does not exist in the FDT for the file.

Action   Correct the FIELDLIST parameter specification and then rerun the job.

ERROR-216   **Field is a descriptor**

Explanation   The FIELDLIST parameter contains a descriptor field. Descriptor fields cannot be deleted.

Action   Correct the FIELDLIST parameter specification and then rerun the job.

ERROR-217   **Field is a parent of a Sub-, Super-, Hyper-, Phonetic, or Collating descriptor**

Explanation   The FIELDLIST parameter contains a subdescriptor, superdescriptor, hyperdescriptor, phonetic descriptor, or collating descriptor field. These types of fields cannot be deleted.

Action   Correct the FIELDLIST parameter specification and then rerun the job.

ERROR-218   **Additions 1 field setting is invalid**

Explanation   The Additions 1 field for an Adabas command contains an invalid value.

Action   Contact your Software AG technical support representative for assistance.

ERROR-219   **Duplicate fieldname detected in FIELDLIST**

Explanation   The FIELDLIST parameter contains a duplicate field; a field is listed more than once.

Action   Correct the FIELDLIST parameter specification and then rerun the job.

ERROR-220   **Function not allowed for LOB file**

Explanation   The file specified in the FILE parameter is a large object (LOB) file. You cannot delete fields from a LOB file.

Action   Correct the FILE parameter specification and then rerun the job.

ERROR-221   **Field is parent of Subfield or Superfield**

Explanation   The FIELDLIST parameter contains a subfield or superfield. These types of fields cannot be deleted.

Action   Correct the FIELDLIST parameter specification and then rerun the job.

ERROR-222	**Trying to delete a field already deleted**
Explanation	The FIELDLIST parameter in an ADADBS DELFN run includes a field that was already deleted.
Action	Correct the FIELDLIST parameter specification and then rerun the job.

ERROR-223	**Trying to undelete a non-deleted field**
Explanation	The FIELDLIST parameter in an ADADBS UNDELFN run includes a field that has not been deleted, so it cannot be undeleted.
Action	Correct the FIELDLIST parameter specification and then rerun the job.

ERROR-224	**File is security protected**
Explanation	The file specified in the FILE parameter is security protected, but no value was specified for the PASSWORD parameter.
Action	Supply a valid password in the PASSWORD parameter and try again.

ERROR-225	**Invalid FDT detected**
Explanation	The FDT for the file specified in the FILE parameter is invalid.
Action	Contact your Software AG technical support representative for assistance.

ERROR-226	**Trying to delete a field that has the NN option on**
Explanation	The FIELDLIST parameter contains a field that has the NN option on. Fields with the NN option on cannot be deleted.
Action	Correct the FIELDLIST parameter specification and then rerun the job.

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 Software AG 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 Software AG 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 Software AG 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-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.

84 **ADADCK Utility Messages**

ERROR-121   **Invalid record length found**

Explanation   The record length is negative, zero, or greater than the permitted maximum (MAXRECL value).

DSRABN=*xxxxxxxx* (*nnnn*), OFFSET=*xxxxxx* (*nnn*)

ERROR-123   **Duplicate ISN found**

Explanation   The same ISN is found twice in the same DS block.

DSRABN=*xxxxxxxx* (*nnnn*), OFFSET=*xxxxxx* (*nnn*)

ERROR-124   **Invalid DSST entry found**

Explanation   The following information is provided to identify the error:

DSRABN=*xxxxxxxx* (*nnnn*), REQUIRED % x, PRESENT % x, DSSTRABN=*xxxxxxxx* (*nnnn*), OFFSET=*xxxxxx* (*nnn*)

Block size minus padding = *xxxx* (*nnn*) Size of block in use = *xxxx* (*nnn*)

ERROR-125	**Invalid record length**
Explanation	The DSCHECK function found that either the sum of all record lengths in one Data Storage block is not equal to the block length minus 4; or that the record length is zero.

> DSRABN=xxxxxxxx (nnnn), OFFSET=xxxxxx (nnn)

ERROR-127	**Invalid block length**
Explanation	The block length field contains either

■ a negative value; or

■ a number larger than the physical block size.

> DSRABN=xxxxxxxx (nnnn), OFFSET=xxxxxx (nnn)

ERROR-128	**Invalid ISN found**
Explanation	An ISN was detected that is either zero or greater than the maximum allowed (TOPISN) value.

ERROR-130	**Spanned record with** **ISN {isnnumber}** **DS RABN {rabn}** **One of the following errors occurred:** **Neither primary spanned record bit nor** **secondary spanned record bit is switched on.**
Explanation	The header of the spanned record with the ISN number listed in the message (*isnnumber*) is erroneous.
Action	Correct the ISN or the ISN of the next spanned record or switch on the primary spanned record bit or the secondary spanned record bit (but not both). To correct the header of a spanned record, contact your Software AG technical support representative.

ERROR-131	**Spanned data storage record with** **ISN {isnnumber} DS RABN {rabn}** **contains inconsistencies.** **One of the following errors occurred:** **ISN of next secondary spanned record is zero.** **Bits of secondary spanned record and primary record are both switched on.**
Explanation	The header of the primary spanned record with the ISN number listed in the message (*isnnumber*) is erroneous.

Action	Correct the ISN of the primary spanned record, correct the ISN of the next secondary spanned record, or switch off the secondary spanned record bit. To correct the header of a spanned record, contact your Software AG technical support representative.

ERROR-132	**Secondary spanned record with ISN {isnnumber} not found.**
Explanation	The header of the secondary spanned record with the ISN number listed in the message (*isnnumber*) cannot be found in Data Storage.
Action	Contact your Software AG technical support representative for assistance.

ERROR-133	**Duplicate primary spanned DS ISN {isnnumber} found - DS RABN {rabn} also found in DS RABN {rabn2}**
Explanation	The ISN number listed in the message (*isnnumber*) appears in two primary spanned records in Data Storage in the container blocks listed in the message (*rabn* and *rabn2*). ISNs should be unique.
Action	Contact your Software AG technical support representative for assistance.

ERROR-134	**Duplicate secondary spanned DS ISN {isnnumber} found - DS RABN {rabn}**
Explanation	The ISN number listed in the message (*isnnumber*) appears in two secondary spanned records in Data Storage. ISNs should be unique.
Action	Contact your Software AG technical support representative for assistance.

ERROR-135	**Secondary spanned record with ISN {isnnumber1} not found. Secondary ISN {isnnumber2} DSRABN {rabn} points to secondary ISN which was not found in data storage**
Explanation	The ISN for a secondary spanned record listed in the message (*isnnumber1*) could not be found in Data Storage. The ISN of the secondary spanned record that points to this ISN is also given in the message (*isnnumber2*).
Action	Contact your Software AG technical support representative for assistance.

ERROR-136	**Secondary ISN {isnnumber} found in Data Storage RABN {rabn} but not referenced by a primary ISN.**
Explanation	A secondary spanned record was found in Data Storage is not referenced by a primary ISN. The ISN of the secondary spanned record is given in the message (*isnnumber*).
Action	Contact your Software AG technical support representative for assistance.

ERROR-137 **Primary ISN {isnnumber1} not found. Primary ISN was referenced in secondary ISN {isnnumber2} DS RABN {rabn} - removing from the FROMRABN/TORABN will most likely resolved the warning.**

Explanation The ISN for a primary spanned record that was referenced by a secondary spanned record was not found in Data Storage during the ADADCK run. The ISN numbers for both the primary spanned record (*isnnumber1*) and the secondary spanned record (*isnnumber2*) are given in the message.

The most likely cause of this error is that the FROMRABN and TORABN parameters were specified for the ADADCK run and the FROMRABN parameter references a secondary RABN rather than a primary RABN. We recommend that the FROMRABN parameter reference a primary RABN instead.

Action If you have used the FROMRABN parameter, verify that it points to a primary RABN and not a secondary RABN. Then try the job again. You might also consider removing the FROMRABN and TORABN parameters from the run.

If problems persist, contact your Software AG technical support representative for assistance.

ERROR-138 **Primary spanned master ISN {isnnumber} - ({hexisnnumber})**
does not match ISN {isnnumber2} - DS RABN {rabn}

Explanation In a primary spanned record, the master ISN (*isnnumber*) should match the primary ISN (*isnnumber2*). This is not the case for the Data Storage record with the RABN given in the message (*rabn*).

Action Contact your Software AG technical support representative for assistance.

85 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

86 **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.**
Parameter OUTPUT can be:
XML
XML,UTF8
,XML
,UTF8
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.**
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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 AG 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.

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.

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.** **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.

87 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/JCS 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.

88 ADAICK Utility Messages

ERROR-121	**{block-number} block contains invalid packed value**
Explanation	The format indicator in the U3 element is "U" or "P", and the value in the "block-number" block is not a valid packed decimal number.

ERROR-122	**{value1} {value2} values do not agree**
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 does not agree with the value in the first NI element (in the NI block pointed to by the MI element).

ERROR-123	**{block-number} block contains incorrect block/value length**
Explanation	The two-byte inclusive length at the beginning of each index block defines the logical end of that block. Each block contains variable length elements. The length of each element depends on the length of the value within the element (for NI blocks, it also depends on the ISN count).
	In processing an index block (left to right), the end of each element is compared to the logical end of the block (as defined by the logical block length). If the end of the element is less than the logical end of the block, what follows is taken as the next element, and processing continues. If the block and element ends are equal, the block is considered to be correct. If the element end is greater than the block end, this message occurs.

ERROR-124 **MI ISN should be zero**

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 the lowest ISN for that value, then the "MI ISN" (in the MI element) should be zero. If the MI element is not zero, this message occurs.

ERROR-125 **MI/NI ISNS do not agree**

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 should agree with the "MI ISN". If it does not agree, this message occurs.

ERROR-126 **NI/MI/UI values not increasing**

Explanation In 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).

ERROR-127 **NI block contains zero ISN count**

Explanation The ISN count in an NI element should not be zero.

ERROR-128 **NI block contains invalid ISN**

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).

ERROR-129 **{block-number} block contains incorrect level indicator**

Explanation The third byte in the "block-number" block should contain the following value:

Block Type	Value
U13	0D
U12	0C
U11	0B
U10	0A
U9	09
U8	08
U7	07

Block Type	Value
U6	06
U5	05
U4	04
U3	03
M1	02
N1	01

If the third byte does not contain the correct value, this message occurs.

ERROR-130	**RABN outside ASSO extents**
Explanation	An attempt was made to read a block outside the RABN limits specified by the Associator extents for the general control blocks (GCBs).

ERROR-131	**{block-number} RABN outside extents**
Explanation	A "block-number" RABN is outside the RABN limits defined by the file control block (FCB) UI extents, or an NI RABN is outside the limits defined by the NI extents.

ERROR-132	**[AC2] DS RABN {rabn} outside extents**
Explanation	The Data Storage (DS) RABN given in the message (*rabn*) appears in an address converter (DS RABN) or secondary address converter (AC2 DS RABN) block and is outside the limits defined by the file control block (FCB) DS extents.

ERROR-133	**{AC|AC2} MAX ISN should be {value}**
Explanation	This message occurs if the top ISN value in the file control block (FCB) is incorrect.
	The FCB contains the top ISN for each address converter (AC) or secondary address converter (AC2) extent. This is the ISN that corresponds to the last RABN in the last block for that extent. This ISN depends on the top ISN of the previous extent, on the number of blocks in the extent, and on the number of ISNs per block.

ERROR-134	**ISN {isn-number} not LT FCB+44 {value} (1ST unused ISN)** **or** **AC2 ISN {isn-number} not LT FCB+38 {value} (1ST unused AC2 ISN)**
Explanation	Address converter or secondary address converter (AC2) elements which correspond to ISNs greater than or equal to the first unused ISN (specified in the FCB) must all contain 00000000 or FFFFFFFE. Otherwise, this message occurs. The ISN (*isn-number*) and its value (*value*) are given in the message.

ERROR-135	**FCB file number incorrect**
Explanation	The requested file number, plus the RABN specified in file 1 FCB's GCB minus one, is assumed to be the FCB RABN for the requested file. The file number specified in that block does not agree with the requested file number.

ERROR-136	**FCB highest index level not 3 through 15**
Explanation	The highest index level specified in the file control block (FCB) must range 3 through 15, inclusively.

ERROR-137	**FCB highest index RABN outside UI extents**
Explanation	The highest index RABN specified in the file control block (FCB) must be within the upper index extents (also specified in the FCB).

ERROR-138	**First RABN greater than last RABN**
Explanation	The extent just printed is invalid because the first RABN is greater than the last RABN.

ERROR-139	**{block-number} extent overlaps FST extent {value1} through {value2}**
Explanation	The extent specified in the file control block (FCB) overlaps a free extent specified in the free space table (FST).

ERROR-141	**FCB {MAXISN|MAX AC2 ISN} expected should be {allocated-maxisn}**
Explanation	The file's MAXISN setting does not correspond to the MAXISN determined by the MAXISN value (*allocated-maxisn*) based on the allocated address converter (MAXISN) or secondary address converter (MAX AC2 ISN) extents.

ERROR-142	**NR {ix-block-number} blocks processed greater than NR 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.

ERROR-143	**Field names not in ascending sequence - {field-name}**
Explanation	Each U3 element contains the field name for the descriptor. Field names must be in ascending sequence. "field-name" is the name of the field that is out of sequence.

ERROR-144	**{block-number} field names do not agree**
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.

ERROR-145	**RABN is outside used ranges**
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.

ERROR-146	**Logical block length should be 0006**
Explanation	Every empty NI/UI block chained in the empty block chain must have a logical block size of X'0006'. This includes the length field itself (two bytes) and the logical forward pointer to the next block in the chain (four bytes).

ERROR-147	**Empty block chain loops back on 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.

ERROR-148	**Descriptor {desc-name} not found in FDT**
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 sub-/super-/hyper- or phonetic descriptor, a coupling descriptor, or a collation descriptor.

ERROR-149	**Descriptor {desc-name} found in FDT but not in U3**
Explanation	Every descriptor, sub-/super-/hyper- or phonetic descriptor, coupling descriptor, or collation descriptor must have at least one entry in a U3 block. If there are no values for this descriptor, an empty element is stored (value length=0, ISN=0, RABN=0).

ERROR-150	{ISN|AC2 ISN} not found in DS block specified by {AC|AC2} element
Explanation	An ISN discrepancy was found between the address converter (AC) or secondary address converter (AC2) and Data Storage. For better analysis of the problem, run the ADACHK ACCHECK utility function.

ERROR-151	Invalid ISN {xxxxxxxx} ({nnnnnnnn}) found in RABN {xxxxxxxx} ({nnnnnnnn}) offset in DS Block {xxxxxxxx}
Explanation	The physical ISN found in the RABN listed in the message in the Data Storage record at the given offset is either zero or is greater than the permitted maximum for the file, based on the ISNs listed in the address converter (ISN) or the secondary address converter (AC2 ISN).

ERROR-152	FDT end reached before record end
Explanation	While decompressing a Data Storage record, ADAICK reached the end of the field definition table (FDT) before finding the end-of-record. This indicates that the compressed record has an incorrect structure.

ERROR-153	Record length is incorrect
Explanation	Either the block length of a Data Storage block is wrong, or the length of a record stored within this block is wrong. The sum of all record lengths, plus 4, should equal the logical block size of the Data Storage block.

ERROR-154	Invalid PE count
Explanation	A periodic group count in a compressed Data Storage record is either 0 or greater than the allowed maximum.

ERROR-155	Invalid MU count
Explanation	A multiple-value field count in a compressed Data Storage record is either 0 or greater than the allowed maximum.

ERROR-156	Invalid CX byte
Explanation	The value for an empty field counter is a compressed Data Storage record that contains X'C0'. Any value from X'C1' through X'FF' is permitted.

ERROR-157   **Invalid value length**

Explanation   The length of a value in a compressed Data Storage record is wrong. A valid length value is either X'01' through X'7F' or X'8001' through X'80FF'.

ERROR-158   **Invalid packed decimal number**

Explanation   A packed value within a compressed Data Storage record contains invalid digits.

ERROR-159   **ISN/RABN not zero for empty descriptor**

Explanation   If a descriptor has no values/ISNs, a value of X'00' is stored in the U3 block to indicate an empty descriptor. The following values for MIRABN and ISN must be zero.

ERROR-160   **Invalid value for rotating ISN in FCB**

Explanation   The value for the rotating ISN must be less than or equal to the highest ISN, plus 1.

ERROR-161   **Duplicate element for empty descriptor**

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.

ERROR-162   **Wrong pointer to last parent of super/hyperdescriptor**

Explanation   The field descriptor table (FDT) contains an entry pointing to the last parent field of a super- or hyperdescriptor. The pointer contains the wrong value.

WARNING-163   **Unreachable index blocks**

Explanation   An index block exists that is neither used nor in the unused RABN chain.

Action   No immediate action is needed; however, the RABN block cannot be used until either the Associator is reordered or an UNLOAD/LOAD sequence is performed.

ERROR-164   **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-165	Collating user exit not loaded
Explanation	The collation descriptor user exit requested is not loaded.
Action	Load the exit and rerun the job.

ERROR-166	Invalid value for number of ISN per {AC|AC2} block in FCB
Explanation	The value for number of ISNs per address converter (AC) or secondary address converter (AC2) block must be the block size of the corresponding address converter, in bytes, divided by the size of the ISN (either 3 or 4 bytes).
Action	Correct the value provided in the file control block (FCB).

ERROR-167	First element without FE bit
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.

ERROR-168	FDT and index control byte mismatch, DE = {dd}
Explanation	An FDT and index control byte mismatch occurred for the description (*dd*) 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 ADAICK FDTPRINT utility. Then contact your Software AG support representative for assistance.

ERROR-169	FDT length in FCB does not match with the FDT, FNR={nnnnn}
Explanation	The length fields found in FDTHLL and YFDTL are not equal. The file number is given in the message.
Action	When this error occurs, dump and print the FCB using the ADAICK FCBPRINT utility for the file listed in the message. Then contact your Software AG support representative for assistance.

ERROR-170	{RABN-errormsgtext}
Explanation	This error can have two different messages, as described in the following table:

Message Text	Description
RABN *rabn* not in extent	The RABN named in the message does not exist in the extent description of the GCBs.
RABN *rabn* not in extent, file *file*	The RABN named in the message does not exist in the extent description of the file.

These messages may occur after an ADAICK DATAPRINT or ADAICK DSCHECK run.

Action   For either error message, run ADAICK GCBPRINT. If you receive the second message (RABN *rabn* NOT IN EXTENT, FILE *file*), also run ADAICK FCBPRINT for the file named in the message.

Then contact and send the output from these runs (as appropriate) to your Software AG support representative for assistance.

ERROR-171   **File {fnr} not found or out of range, maxfiles {maxfnr}**

Explanation   The file number specified in the FILE= parameter (*fnr*) is not in the database. The maximum file number (*maxfnr*) for the database is also shown in the message.

Action   Run an ADAREP utility job on the database to determine the available file numbers for the database. Then correct the ADAICK utility input parameters accordingly and try again.

ERROR-172   **Invalid segment count for spanned DS record**

Explanation   The number of spanned record segments has exceeded the maximum of 5.

Action   Rebuild the file. Contact your Software AG technical support representative for assistance.

ERROR-173   **Next ISN is zero for master ISN**

Explanation   The header of a primary spanned record lists zeros as the ISN for the next secondary record in the spanned record.

Action   Contact your Software AG technical support representative for assistance.

ERROR-174   **Offset bigger than ASSO block size**

Explanation   During the formatted print of an ASSO block, ADAICK tried to print out data behind the ASSO block.

Action   Check the concerning ASSO block. This error may occur if the number of extents is erroneously too big.

ERROR-176   **Last formatted ISN exceeds MAX ISN**
                  Last formatted AC2 ISN exceeds AC2 MAX ISN

Explanation   This error occurs when one of the following invalid conditions occurs:

                  ■ The last formatted ISN is higher than the MAXISN.

                  ■ The last formatted AC2 ISN is higher than the AC2 MAXISN.

Action   Contact your Software AG technical support representative for assistance.

ERROR-177   **Top ISN exceeds last formatted ISN**
                  Top AC2 ISN exceeds last formatted AC2 ISN

Explanation   This error occurs when one of the following invalid conditions occurs:

                  ■ The top ISN is higher than the last formatted ISN.

                  ■ The top AC2 ISN is higher than the last formatted AC2 ISN.

Action   Contact your Software AG technical support representative for assistance.

89 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.

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.

ERROR-132   **Couple index not allocated for file {file}**
                 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.

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.

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.

90   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 AG 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 Software AG 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 AG 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 Software AG 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 AG 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 AG 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 Software AG 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 AG service representative for assistance.

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 AG service representative for assistance.

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.

91 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.

92 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** **Parameter ETBSERVICE must be specified when MTYPE=ETBROKER** **Parameter ETBSERVICENAME must be specified when TYPE=ETBROKER** **Parameter ETBSERVICECLASS must be specified when MTYPE=ETBROKER** **Parameter MQQNAME must be specified when MTYPE=MQSERIES** **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** **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** **"{Return-code}" "{reason-code}" "{messaging-system-return-code}"** **"{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.** **"{Return-code}" "{reason-code}" "{messaging-system-return-code}"** **"{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.** **"{Return-code}" "{reason-code}" "{messaging-system-return-code}"** **"{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.** **"{Return-code}" "{reason-code}" "{messaging-system-return-code}"** **"{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.** **"{Return-code}" "{reason-code}" "{messaging-system-return-code}"** **"{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.** **"{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.** **"{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.

93 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** **Parameter ETBSERVICE must be specified when MTYPE=ETBROKER** **Parameter ETBSERVICENAME must be specified when TYPE=ETBROKER** **Parameter ETBSERVICECLASS must be specified when MTYPE=ETBROKER** **Parameter MQQNAME must be specified when MTYPE=MQSERIES** **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** **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** **"{Return-code}" "{reason-code}" "{messaging-system-return-code}"** **"{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.** **"{Return-code}" "{reason-code}" "{messaging-system-return-code}"** **"{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.** **"{Return-code}" "{reason-code}" "{messaging-system-return-code}"** **"{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.** **"{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-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.

94 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** **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.

95 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.

96 ADAPRI Utility Messages

ERROR-121	**Missing function**
Explanation	At least one valid function must be supplied:
	ASSOPRI, DATAPRI, WORKPRI, TEMPPRI, SORTPRI, CLOGPRI, PLOGPRI, and RLOGPRI, or DSIMPRI.
Action	Supply the correct parameter value and rerun the ADAPRI job.

ERROR-122	**Missing ASSO data sets**
Explanation	The Associator data set(s) is required for the following functions:
	ASSOPRI, DATAPRI, WORKPRI.
Action	Add the appropriate data set to the job control JCL/JCS, and rerun the ADAPRI job.

ERROR-123	**Invalid RABN range**
Explanation	The TORABN value cannot be less than the FROMRABN value.
Action	Provide the correct parameter values and rerun the ADAPRI job.

ERROR-124	**Invalid 'NUMBER' parameter**
Explanation	NUMBER must be 1 through 8. The parameter is valid only for the CLOGPRI and PLOGPRI functions.
Action	Provide the correct parameter value, and rerun the ADAPRI job.

97 ADARAI Utility Messages

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/JCS 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-141	**Internal error occurred in module RAGDOS: GETVIS failure occurred for PUTSPOOL buffer**
Action	Increase the size of the partition GETVIS and rerun the job.

ERROR-142	**Internal error occurred in module RAGDOS: PUTSPOOL job submission error. Internal return code is {X'nnn}'**
Action	See the *IBM POWER Installation and Operations Manual* for corrective action. Then rerun the job.

ERROR-143	**Internal error occurred in module RAGDOS: Invalid calling function determined**
Action	Contact your Software AG technical support representative.

ERROR-144   **Internal error occurred in module RAGDOS: CDLOAD failure for ADAIOI**

Action   Check the return code for CDLOAD for corrective action and rerun the job.

ERROR-145   **Internal error occurred in module RAGDOS: CDLOAD failure for ADAOPTD**

Action   Check the return code for CDLOAD for corrective action and rerun the job.

ERROR-146   **Internal error occurred in module RAGDOS: SUBSID error**

Action   Check the return code for SUBSID for corrective action and rerun the job.

ERROR-147   **Internal error occurred in module RAGDOS: GETVIS error**

Action   Check the return code for GETVIS for corrective action and rerun the job.

ERROR-148   **Internal error occurred in module RAGDOS: DLBL record length limit**

Action   Contact your Software AG technical support representative.

ERROR-149   **Internal error occurred in module RAGDOS: JCL buffer exceeded**

Action   Contact your Software AG technical support representative.

ERROR-150   **Internal error occurred in module RAGDOS: LUB tabe exceeded**

Action   Contact your Software AG technical support representative.

ERROR-156   **Invalid JCL control keyword**

Action   Supply a correct JCL/JCS 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 DD/SIIN 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 AG 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.

98 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-123   **Inconsistency between DSST and FCB file extent (internal error)**

Explanation   A(DSST-EXTENT-ENTRY) = *xxxxxxxx* A(FCB-EXTENT-ENTRY) = *xxxxxxxx*

Action   Inform your database administrator (DBA) of the error.

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 DD/SAVE 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	ECS 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 ECS ERROR    -7 IN FUNCTION GETHANDL 0888
```

It may be that the ACODE code supplied is not in the DDECSOJ data set or library, or that the DDECSOJ 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

99 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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**

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.

Action   Contact your Software AG technical support representative.

ERROR-155   **Read error on {MERGIN1 | MERGIN2} file. 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.

Action   Contact your Software AG technical support representative.

ERROR-156	Write error {MERGIN1 | MERGIN2} file. 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.
Action	Contact your Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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.

100 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 Software AG 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 Software AG 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.

101 ADARPL Utility Messages

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.

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.**
	The blocks of the current PLOG are not supplied in the correct order. The block counts must be ascending by 1.
	Current block count = {count}
	Protection Log Number = {number}
	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.**
	DBID on PLOG does not match DBID-parameter
	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.**
	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.

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.

102 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 Software AG 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.

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 Software AG 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 Software AG 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 Software AG 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.

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.

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.

103 ADASAV Utility Messages

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 Software AG technical support representative.

ERROR-121	**Wrong protection log tape** **The wrong Protection Log tape has been mounted.** **The requested Protection Log has** **DBID {dbid-a}, Session Number {sess-a}, NUCID {nucid-a}.** **The supplied Protection Log is from** **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*). 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 Software AG 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.

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 Software AG 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 Software AG 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 AG 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 Software AG 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 AG support representative for assistance.

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 AG support representative for assistance.

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.

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.

104 ADASEL Utility Messages

SEL001	**Unexpected end-of-file on DDKARTE**
Explanation	An end-of-file was reached on the DD/KARTE 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 Software AG 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 Software AG 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) DD/EXPAn was either not numbered or incorrectly numbered. There must be at least one output data set (DD/EXPA1), up to a maximum of twenty, numbered in adjoining ascending order (DD/EXPA1, DDEXPA2, ... DD/EXPA20).
Action	Correct the DD/EXPAn 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 DD/ASSORn 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 DD/ASSORn 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 DD/KARTE input statements.

Action   Record and/or save all output from the job, your input statements and any dump, then contact Software AG 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 Software AG 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 DD/KARTE 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 DD/KARTE input statement data set.
Action	Ensure that the DD/KARTE statement is valid and specifies an available ADASEL job setup. Then rerun the ADASEL job.

SEL049	**I/O error on DDDRUCK**
Explanation	The DD/DRUCK 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 DD/EXPA.

Action   Ensure that the DD/EXPA 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 DD/KARTE 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 DD/SIIN 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 DD/SIIN 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 DD/EXPA 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 Software AG 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 DD/KARTE 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: ■ Truncation not possible ■ Conversion error ■ LOB error ■ 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 can be one of the following: ■ 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 AG 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 DD/SAVE 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.

Contact your Software AG 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 Software AG 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.

105 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 DD/SAVE 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 DD/EBAND and DD/ISN 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.

106 ADAVAL Utility Messages

ERROR-121	**Invalid descriptor field list for validate**
Explanation	The field name (field-name) is either

■ not in the FDT; or

■ not a descriptor.

Action	Supply the correct parameter value, and rerun the ADAVAL 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-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.

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.

107 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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.

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** **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 AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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 Software AG 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.

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.

108 ADAZAP Utility Messages

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.

109 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 Software AG 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.** **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.** **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.** **{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 Software AG 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 Software AG 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.

Index