

Entire Net-Work Administration

Entire Net-Work Messages and Codes

Version 6.3.2

July 2018

This document applies to Entire Net-Work Administration Version 6.3.2 and all subsequent releases.

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

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Preface

During Entire Net-Work execution, a variety of messages may be issued, usually to the operator console or the print data set. This documentation describes the messages for the Entire Net-Work control programs and line driver modules. The messages are listed alphabetically and the different groups are identified by a section heading.

Messages and Codes issued from Entire Net-Work are described under the following headings:

Message formats

Describes how you can identify an Entire Net-Work message and its origin.

Adabas and Entire Net-Work Response Codes

Describes Adabas response codes, including the group of Adabas response codes reserved for Entire Net-Work (response codes in the range 220-227).

Some Adabas response codes refer to problems with interregion communication in one way or another. In Entire Net-Work environments, the cause for these response codes is not always as apparent as in single Adabas environments. This is due to the fact that all calls are passed through interregion communications in two places: first they are passed from the user's task to Entire Net-Work, then, on the server's node, they are passed from Entire Net-Work to the server. In both instances the same types of errors may occur. Therefore it is sometimes difficult, if not impossible, to guess on which node the problem was encountered.

To aid in diagnosing such situations, Entire Net-Work provides the node ID (targetid) of the Entire Net-Work node where the problem was encountered for all problems related to the response codes listed in the following pages. The information is returned in the Additions-2 field of the Adabas control block (ACBADD2 in ADACB). Note that this field is not modified by Entire Net-Work under any other circumstances. In some cases, where the problem prevents the call from reaching Entire Net-Work on the user's node, the information obviously cannot be provided by Entire Net-Work.

NETnnnn - Entire Net-Work Control Module Messages

Describes the Entire Net-Work control module messages.

NETB - Entire Net-Work Expandable Buffer Pool Messages*

Describes the Entire Net-Work expandable buffer pool messages.

NETInn - ADAIOR Messages

Describes the ADAIOR messages.

NETM - ADAMPM Messages*

Describes the ADAMPM messages.

NETL - Licensing Messages*

Describes the licensing messages.

NETP - Simple Connection Line Driver Messages*

Describes the Simple Connection Line Driver messages

<i>NETT* - Translation Routine Messages</i>	Describes the translation routine messages.
<i>NETU* - Batch Utility Program Messages</i>	Describes the batch utility program messages.
<i>XTS - Software AG Internal Transport Subsystem Messages</i>	Explains the possible internal transport subsystem messages you might receive during its processing.
<i>Abend Codes</i>	Lists abend (abnormal end) codes that may be returned.

1 Conventions

Notation *vrs* or *vr*: When used in this documentation, the notation *vrs* or *vr* stands for the relevant version, release, and system maintenance level numbers. For further information on product versions, see *version* in the *Glossary*.

2 About this Documentation

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Document Conventions

Convention	Description
Bold	Identifies elements on a screen.
Monospace font	Identifies service names and locations in the format <i>folder.subfolder.service</i> , APIs, Java classes, methods, properties.
<i>Italic</i>	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

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- Use the online discussion forums, moderated by Software AG professionals, to ask questions, discuss best practices, and learn how other customers are using Software AG technology.
- Link to external websites that discuss open standards and web technology.

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.

3 Entire Net-Work Message Formats

Each message is identified by a six- or seven-character alphanumeric identifier as described in the following table:

Message	Description
<i>NETnnnn</i>	Entire Net-Work control module messages.
<i>NETBnnn</i>	Expandable buffer pool messages.
<i>NETInn</i>	These Entire Net-Work system messages correspond to ADAIOR messages documented in the Adabas Messages and Codes manual. The Entire Net-Work messages begin with NETI; the corresponding ADAIOR messages begin with ADAI.
<i>NETMnn</i>	These Entire Net-Work system messages correspond to ADAMPM messages documented in the Adabas Messages and Codes manual. The Entire Net-Work messages begin with NETM; the corresponding ADAMPM messages begin with ADAM.
<i>NETPnnn</i>	TCPX line driver messages.
<i>NETUnnn</i>	Batch utility program messages.

4 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.

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 multicient 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 multicient 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: <ul style="list-style-type: none"> ■ 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 <code>Critical</code> set to NO. <p><i>Action:</i> No action is required.</p>

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 <i>Action:</i> 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. <i>Action:</i> Correct the cause of the timeout, then restart the transaction.
3	One of the following is the case: <ul style="list-style-type: none"> ■ 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. ■ 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

Subcode	Meaning
	<p>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.</p> <p><i>Action:</i> Correct the cause of the timeout, then restart the transaction.</p>
15	<p>The user was backed out because a pending Work area overflow occurred during this operation.</p> <p><i>Action:</i> Either reduce the transaction length to lessen the data protection area requirement, or increase the protection area on Work.</p>
17	<p>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.</p> <p><i>Action:</i> (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.</p>
18	<p>The user's active transaction was interrupted and backed out because a peer nucleus in an Adabas cluster terminated abnormally.</p> <p><i>Action:</i> (In the application program:) Rerun the transaction.</p>
19	<p>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.</p> <p><i>Action:</i> (In the application program:) Clean up and reacquire the current context pertaining to Adabas command IDs; rerun the transaction.</p>
20	<p>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.</p> <p><i>Action:</i> (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 to reacquire the ETID; clean up and reacquire the current context pertaining to Adabas command IDs; rerun the transaction.</p>
21	<p>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.</p>
22	<p>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.</p>
23	<p>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.</p> <p><i>Action:</i> Restart the transaction and any open read sequences.</p>
24	<p>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</p>

Subcode	Meaning
	<p>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.</p> <p><i>Action:</i> Restart the Adabas session with a new OP command.</p>
25	<p>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.</p> <p><i>Action:</i> Restart the Adabas session with a new OP command.</p>
26	<p>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.</p> <p><i>Action:</i> Restart the Adabas session with a new OP command.</p>
62	<p>An OP (open) command was issued without a user/ET ID, which is required for this type of application or environment.</p> <p><i>Action:</i> Correct the program to specify a user/ET ID, and rerun the program.</p>
63	<p>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.</p> <p><i>Action:</i> Repeat the OP call.</p>
64	<p>An OP command was issued with an 8-byte ET ID that already exists.</p>
66	<p>An Adabas session with OPENRQ=YES was active and the user issued an Adabas command without having issued an OP command.</p> <p><i>Action:</i> Ensure that all users issue an OP command as the first Adabas command.</p>
67	<p>Insufficient Work part 1 space for open command with ETID definition when trying to read the user profile.</p>
68	<p>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.</p>
73	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>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.</p>

Subcode	Meaning
	<p>Check that the outcome of the session's Adabas changes, in its previous transaction, was consistent with its changes to non-Adabas resources.</p> <p>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.</p>
74	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>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.</p> <p>Issue a new OP command to the database.</p>
75	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>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.</p> <p>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.</p>
76	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>An error occurred while an ATM transaction manager was attempting to rebuild the transaction hierarchy of a client session that has migrated from another ATM transaction manager's domain as a result of dynamic transaction routing. ATM attempted to back out the transaction.</p> <p>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.</p>
77	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>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.</p> <p>Define and create an MTR file, and restart the ATM transaction managers and clustered application environments in the COR group.</p>

Subcode	Meaning
78	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>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.</p> <p>Restart the transaction when the pending ET syncpoint has been completed.</p>
79	<p>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.</p>
80	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>The client session was not at ET status in the target database. Backout of the incomplete transaction was attempted.</p> <p>Restart the transaction.</p>
81	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>A memory shortage in the ATM transaction manager's address space caused the current global transaction to be backed out.</p> <p>Increase the amount of memory available to the ATM transaction manager, restart it, then restart the transaction.</p>
82	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>A memory shortage occurred in the ATM transaction manager's address space, and ATM attempted to back out the current global transaction.</p> <p>Increase the amount of memory available to the ATM transaction manager, restart it, then restart the transaction.</p>
83	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>An error occurred during a commit or backout operation for a global transaction. ATM attempted to back the transaction out.</p> <p>If the cause of the error is not apparent from console messages, contact your Software AG technical support representative.</p>
84	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>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.</p> <p>The client should issue a CL command to each open database; then re-open.</p>
85	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>The global transaction time limit (TMGTT) has been exceeded, and an attempt has been made to back out the global transaction.</p>

Subcode	Meaning
	Correct the cause of the timeout, then restart the transaction.
86	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>The global transaction time limit (TMGTT) has been exceeded, and the global transaction has been backed out.</p> <p>Correct the cause of the timeout, then restart the transaction.</p>
90	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>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.</p> <p>Close the client's sessions and start them again.</p>
91	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>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.</p> <p>Restart the transaction when all required target databases are available.</p>
92	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>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.</p> <p>Restart the transaction when all required target databases are available.</p>
93	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>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.</p> <p>The next command issued returns details of the error that caused the backout. Check the meaning of the response code and act accordingly.</p>
94	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>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.</p> <p>The next command issued returns details of the error that caused the backout. Check the meaning of the response code and act accordingly.</p>

Subcode	Meaning
95	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>The client session's transaction was controlled by an external transaction coordinator, which reported that the transaction has been backed out.</p> <p>Restart the transaction.</p>
96	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>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.</p> <p>Restart the transaction.</p>
97	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>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.</p> <p>This can occur if all of the following are true:</p> <ul style="list-style-type: none"> ■ 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. <p>You can make sure that Natural generates OP commands by using a non-blank ETID, or by means of Natural's DBOPEN parameter.</p> <p>The condition can also occur if all of the following are true:</p> <ul style="list-style-type: none"> ■ 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. <p>In this case, a new Natural LOGON might clear the condition. Otherwise terminate the session and start a new session.</p> <p>If the error persists, contact your Software AG support representative.</p>
98	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>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.</p>

Subcode	Meaning
	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: <ul style="list-style-type: none"> ■ The client is using multiple (different) ETIDs which have collided against a particular database. <p><i>Action:</i> Review the client's use of ETIDs with respect to the current translation rules and/or partitioned files.</p>

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

First two bytes	Third and fourth bytes	Explanation
		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 two bytes	Third+ fourth 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 ACB'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. <i>Action:</i> 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. <i>Action:</i> Change the program to avoid the access.
4	One of the following occurred: <ul style="list-style-type: none"> ■ 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.

Subcode	Meaning
6	<p>On mainframe systems, an E1 (delete record) command was given without specifying a valid file number.</p> <p>On open systems, the file to be created already exists.</p>
7	The program tried to perform an LF command on system file 1 or 2.
8	<p>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.</p> <p>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</p>
9	<p>The file that the program attempted to access is completely locked. This is usually because the maximum number of logical file extents that can fit into the FCB have been used.</p> <p><i>Action:</i> Reorder, then unlock the file. Continue operation.</p>
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.
16	<p>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.</p> <p>On open systems, the file was locked by ADAOPR.</p>
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	<p>On mainframe systems, there was not enough space for encoding elements (ECSE).</p> <p>On open systems, a two-byte file number was used against a lower version database that does not support large file numbers.</p>
22	<p>On mainframe systems, the required ECS objects needed for conversion between user and system data representation could not be loaded.</p> <p>On open systems, the file control block (FCB) is invalid (corrupted).</p>

Subcode	Meaning
23	<p>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.</p> <p><i>Action:</i> Check that the required EDD and PTO objects are available.</p>
24	<p>ECS function <code>get_attribute()</code> failed.</p> <p><i>Action:</i> The function's return code is logged with the nucleus message ADAN7A.</p>
25	<p>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</p>
29	<p>An Adabas Review communication error has occurred. Contact your Software AG support representative.</p>
52	<p>A non-Adabas target was called.</p>
99	<p>The file's FTD is corrupted.</p> <p><i>Action:</i> To resolve the problem, repair the file by running a restore/regenerate from a consistent state.</p>
249 (0x00F9)	<p>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:</p> <ul style="list-style-type: none"> ■ None of the partitions were available/online and at least one of them has the file parameter <code>Critical</code> set to YES. ■ None of the partitions were available/online and all of them have the file parameter <code>Critical</code> set to NO and the command can not be satisfied with a “no data” response such as RSP003. <p>An error occurred when Adabas Vista (open systems) tried to access a file that was not listed in the file list of an <code>OP</code> command executed with the <code>R</code> option.</p> <p><i>Action:</i> Ensure at least one of the file partitions is available/online or review the program logic.</p>

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 Lx and Sx 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.

Subcode	Meaning
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)	<p>An invalid command ID value was detected by Adabas Vista (open systems):</p> <ul style="list-style-type: none"> ■ The command ID value specified with the N option of an L1/L4 command was not found. ■ 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. <p><i>Action:</i> Review the program logic.</p>

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.
14	Invalid privileged command.
15	An L1/L4 command specified the multifetch option ("M" or "O") was not combined with either the "T" 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.

Subcode	Meaning
19	<p>On mainframe systems, a special utility command was issued for an obsolete subfunction.</p> <p>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.</p>
21	<p>One of the following occurred:</p> <ul style="list-style-type: none"> ■ 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	<p>The current transaction has already been heuristically terminated or the command is not allowed within an MC sequence.</p>
23	<p>One of the following occurred:</p> <ul style="list-style-type: none"> ■ 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	<p>One of the following occurred:</p> <ul style="list-style-type: none"> ■ 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	<p>A command was sent from an Event Replicator Server to an Adabas nucleus, but the Adabas nucleus is not running with ADARUN REPLICATION=YES.</p>
26	<p>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.</p>
28	<p>A replicated utility may not be executed for a replicated file when the Adabas nucleus is running in single-user mode.</p>
29	<p>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.</p>
31	<p>API file delete not permitted: not API loaded.</p>
32	<p>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.</p>

Subcode	Meaning
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.
50	The Router (LCC) detected an invalid command code. This may also arise when a new ACBX-type call is presented to a back-level router.
51	A client call with the ADARUN parameter PREFETCH=OLD has multiple APLX buffers or the contents of APLX+4(chained APLX) is non-zero. To resolve this, use the ADARUN parameter setting PREFETCH=YES.
52	A non-Adabas target was called.
53	Invalid file specified for an Adabas Online System function.
54	The user was stopped with STOPUR or STOPSUR.
55	The command is returned because the command queue timeout time specified by the DELCQ operator command or the AUTOCQTIME ADARUN parameter was reached or exceeded for the command.
1005	The command code is invalid.

Subcode	Meaning
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. <i>Action:</i> 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. <i>Action:</i> 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: <ul style="list-style-type: none"> ■ An invalid edit mask number (greater than 15) was specified. ■ A syntax error in the conditional format criterion 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.
12	Expected number missing or too large ($\geq 2^{31}$).
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 <i>nX</i> with <i>n=0</i> or <i>n>255</i> 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 <i>f1dD</i> , <i>f1dL</i> , <i>f1d</i> , * or <i>E(date-time-mask)</i> notation.

Subcode	Meaning
9	Elementary field in PE group: 1-N notation not permitted with LOB (LB) fields or <i>fldD</i> notations.
10	A LOB (LB) field, <i>fldL</i> (length indicator notation) or <i>fld,*</i> (asterisk notation) are not permitted with an L9 command.
11	A length indicator (<i>fldL</i>) or asterisk notation (<i>fld,*</i>) are only permitted for LA and LOB (LB) fields.
12	LA or LOB (LB) fields are not permitted with 1-N notation, <i>flda-fldb</i> (field series) notation or old MU syntax.
13	LA or LOB (LB) fields are not permitted with <i>fldC,*</i> (count indicator) or <i>flda-fldb,*</i> (field series notation).
14	Asterisk notation and length indicator notation combinations (<i>fldL,*</i>) are not permitted.
15	SQL significance indicator and asterisk notation combinations (<i>fldS,*</i>) are not permitted.
16	Length indicator (<i>fldL</i>), asterisk notation (<i>fld,*</i>) or daylight savings time indicator notation (<i>fldD</i>) are not permitted for a group field.
17	Daylight savings time indicator notation (<i>fldD</i>) cannot be combined with asterisk notation (<i>fld,*</i>) or a length indicator notation (<i>fldL</i>).
18	Daylight savings time indicator notation (<i>fldD</i>) is only permitted for fields defined with the TZ option.
20	Daylight savings time indicator notation (<i>fldD</i>) is not permitted with count indicator (<i>fldC</i>) or field series notation (<i>flda-fldb</i>).
21	Old MU syntax is not permitted with daylight savings time indicator notation (<i>fldD</i>).
22	An invalid length or format has been specified with daylight savings time indicator notation (<i>fldD</i>); if specified it must be 2,F.
23	An invalid length or format has been specified with length indicator notation (<i>fldL</i>); if specified it must have length 4 and format B.
24	A phonetic, collation, or hyperdescriptor was specified.
25	Date-time edit mask notation (<i>E(date-time-mask)</i>) is not permitted with daylight saving time indicator notation (<i>fldD</i>), asterisk notation (<i>fld,*</i>), or length indicator notation (<i>fldL</i>).
26	Date-time edit mask (<i>E(date-time-mask)</i>) notation requires format P, U, F, or B.
27	Date-time edit mask (<i>E(date-time-mask)</i>) notation and edit mask notation (E0-E15) are not permitted together.
28	Date-time edit mask (<i>E(date-time-mask)</i>) notation and count indicator notation(<i>fldC</i>) are not permitted together.
30	Date-time edit mask (<i>E(date-time-mask)</i>) notation is only permitted for a field defined with a date-time edit mask.

Subcode	Meaning
31	Daylight savings time indicator notation (<i>f1dD</i>), length indicator notation (<i>f1dL</i>), and asterisk notation (<i>f1d,*</i>) 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;
- *nnnX* 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, and 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. <i>Action:</i> Increase the LWP specification and retry .
2	The internal format buffer was too small to store a user format (translated into internal structure). <i>Action:</i> 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 (<i>f1dD</i>).
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	<ul style="list-style-type: none"> ■ The format buffer is invalid for use with an UPDATE command (A1), ADD command (N1/N2): <ul style="list-style-type: none"> ■ 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

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	<p>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.</p> <p><i>Action:</i> 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.</p>
2	<p>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 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.</p> <p><i>Action:</i> Increase the value of the NH parameter. Alternatively, modify the application program to store fewer ISNs in hold at the same time.</p>

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.

Subcode	Meaning
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.
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.

Subcode	Meaning
25	<p>This subcode is issued by Adabas Transaction Manager.</p> <p>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".</p> <p>Depending on the transaction coordinator, you may have a choice of actions:</p> <ul style="list-style-type: none"> ■ 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. <p>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.</p>
26 - 30	<p>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.</p>
31	<p>File locked for normal usage</p>
32	<p>A file is in use by an exclusive update (EXU) user. An update request from another user is not permitted.</p>
33	<p>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.</p>
34	<p>An advance-lock operation was performed on a read-only nucleus.</p>
35	<p>An advance-lock operation was performed during an online save.</p>
36	<p>Nucleus in REGENERATE/NOAUTOBACKOUT state.</p>
257 - 260	<p>Reserved for use by Event Replicator for Adabas on open systems.</p>

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).

Subcode	Meaning
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 value. This response code/subcode combination is produced as a result of an L1/L4 command with Command Option 2 set to "L" but with the ISN Lower Limit value greater than or equal to the length of the LOB value being read.
20	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 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.
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	<p>The record buffer is too small.</p> <p><i>Action:</i> If the record buffer size:</p> <ul style="list-style-type: none"> ■ 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	<p>The record buffer is too small. When locating a variable field in the input record, the required buffer length exceeded the given length.</p> <p><i>Action:</i> Verify that the record buffer content matches the given format and that sufficient space for variable fields is provided in the record buffer.</p>
2	<p>The ISN buffer is too small.</p> <p><i>Action:</i> Increase the size of the buffer.</p>
3	<p>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.</p> <p><i>Action:</i> Verify that the record buffer content matches the given format and that sufficient space for variable fields is provided in the record buffer.</p>
4	<p>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.</p> <p><i>Action:</i> Verify that the record buffer content matches the given format and that sufficient space for variable fields is provided in the record buffer.</p>

Subcode	Meaning
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. <i>Action:</i> 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: <ul style="list-style-type: none"> ■ 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).

Subcode	Meaning
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.
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 (<i>fldD</i>) 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.
<i>n</i>	The collation value exceeded the maximum 253 bytes. The subcode <i>n</i> 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: <ul style="list-style-type: none"> ■ 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	<p>This subcode indicates that one of the following errors occurred:</p> <ul style="list-style-type: none"> ■ 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. ■ 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 multicient 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 Sx 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.
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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.
11	FST is empty, or data storage for the current MAXRECL value is not available.
12	FST empty.

On open systems, the third and fourth bytes of the Additions 2 field contain either "AS" (Associator) or "DS" (Data Storage). You can also get the response 77 if you specified an explicit RABN for an Associator or Data Storage extent and the requested space is not available at the requested RABN. Please note that Adabas distinguishes between small (< 16KB) and large (>= 16KB) index blocks. This means that a response 77 can be returned even though there are enough free Associator blocks, but the free Associator blocks have the wrong size.

Action On mainframe systems, ask your DBA for assistance; Associator or Data Storage extents may have to be reallocated.

On open systems, add a new Associator or Data Storage extent to the database using the ADADBM utility or specify a RABN where the requested space is available.

Note: Response 77 can sometimes be prevented by enabling database autoexpand to execute in the online mode (specify the open systems nucleus parameter OPTIONS=AUTO_EXPAND).

Response 78

Origin

Mainframe and open systems

Explanation

The meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

Mainframe Systems

The cause of this response is indicated by one of the following subcodes:

Subcode	Meaning
1	The AC file cannot be increased; only one file extent is permitted.
2	The file contains more than either 4 billion or 16 MB of ISNs, depending on the ISN length, or if ISNREUSE is in effect, the file has reached TOPISN and is very fragmented and too much effort would be needed to search for a free ISN.

Open Systems

An overflow occurred in the free space table (FST) as a result of Associator or Data Storage fragmentation, or the maximum number of DSST extents has already been allocated.

Action

The method of resolving the error varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

Mainframe Systems

If the file has reached the 16-MB limit, you might convert it to a file with the 4-byte ISN option or to an expanded file. If ISNREUSE is in effect, ADABAS ISNREUSE=ON, RESET can be used to reset the rotating ISN pointer or the file can be reloaded to eliminate the fragmentation.

If the file has NOACEXTENSION specified, look for alternatives to increase the file size such as adding an additional file to the expanded file chain. If the file is not part of an expanded file chain, you may want to reload the file to remove the restriction.

Open Systems

If it is an FST problem, reorder the database. If it is a DSST problem, which can only occur in the context of a utility, refer to the message DSSTALL for further information.

Response 79**Origin**

Mainframe and open systems

Explanation

The meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

Mainframe Systems

A collation descriptor exit or hyperdescriptor exit error occurred. The following table describes the possible subcodes for this response code and their meanings:

Subcode	Meaning
1	Either a collation descriptor exit (subcode CDX n where n is the one-byte binary collation descriptor exit number) or a hyperdescriptor exit ("hyperdescriptor exit") was not specified ADARUN.
5	The hyperdescriptor exit stub was called for an extended MU/PE file.
6	Improper use of the parameter list was detected by the Hyperdescriptor Exit Stub. The most likely reason is that a hyperdescriptor exit using the Adabas 8 parameter structures is linked to the Hyperdescriptor Exit Stub.
7	The Hyperdescriptor Exit Stub could not resolve the HEXOLD external reference.
8	Improper use of the parameter list was detected. The second word of the parameter list was modified.
9	A hyperdescriptor exit did not return an output parameter area address.
10	A hyperdescriptor exit rejected the call by setting a nonzero return code in the output parameter header.

Open Systems

A hyperdescriptor exit is not available to the nucleus. The following information is returned in the Additions 2 field of the control block:

- The first two bytes contain the number of the hyperdescriptor exit;
- The third and fourth bytes contain the name of the hyperdescriptor.

Action

The method of resolving the error varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

Mainframe Systems

The following table describes the actions you should take for each possible subcode for this response code:

Subcode	User Action
1	Reissue ADARUN with the CDX nn or HEX nn parameter. For more information about ADARUN parameters, read <i>Adabas Initialization (ADARUN Statement)</i> , in <i>Adabas Operations Manual</i> ; for more information about user exits and hyperdescriptor exits, read <i>User Exits and Hyperdescriptor Exits</i> , in <i>Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual</i> .
5	The Hyperdescriptor Exit Stub may not be used with extended MU/PE files. For more information about hyperdescriptor exits, read <i>User Exits and Hyperdescriptor Exits</i> , in <i>Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual</i> .
6,7	Investigate the Hyperdescriptor Exit Stub link job. For more information about hyperdescriptor exits, read <i>User Exits and Hyperdescriptor Exits</i> , in <i>Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual</i> .
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 <i>User Exits and Hyperdescriptor Exits</i> , in <i>Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual</i> .
9	Hyperdescriptor exits must return an output parameter area address upon return. For more information about hyperdescriptor exits, read <i>User Exits and Hyperdescriptor Exits</i> , in <i>Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual</i> .
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.
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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.	
2	Only active command is waiting for workpool space.	Increase the ADARUN LWP setting and try again.
3	A command waiting for workpool space was interrupted for transaction backout.	
4	A1 command	
5	E1 command	
7	Superfield value generation	
8	N1 command	

Subcode	Operation Encountering the Workpool Shortage	Action
9	OP command	
10	Descriptor value generation	
11	Hyperdescriptor value generation	
12		
13	Subdescriptor value generation	
15	DTP=RM: A getmain error during Work-Part-4 initialization.	
16	Hard-coupled file update processing encountered a workpool shortage.	
17	A session autorestart encountered a workpool shortage.	
22	Online reorder by descriptor	
23	Online invert	
24	Open one of the Work data sets in a cluster	
25	Session autorestart in a cluster	
79	Work pool shortage during release of advanced lock function.	
80	Work pool shortage during insert (N1/N2-command) of spanned record	
96	Internal command queue full	
98	Cluster with DTP=RM: Recovery of distributed transactions encountered a workpool shortage.	
99	ET command with P-option	
	Descriptor value generation for multi-client file	
	Single-user mode: Command initialization	
	Replication: Setup of initial-state process	
	DTP=RM: Insufficient user queue space during Work-part-4 initialization	

Action

For mainframe systems, review the actions described in the table above.

For open systems, verify the parameter values for the database that relate to the working storage allocation. Ask your DBA to increase the size of the LWP or LS parameter, as necessary.

Response 89**Origin** Mainframe systems only**Explanation** The UQE was already in use, and an attempt was made to execute two commands at the same time for the same user.**Response 94****Origin** Mainframe systems only**Explanation** An I/O error occurred on DDWORKR4.**Response 95****Origin** Mainframe systems only**Explanation** An I/O error occurred on the Work LP area.**Response 96****Origin** Mainframe systems only**Explanation** An error occurred during ADARES REPAIR utility execution.

Subcode	Meaning
2	An I/O error occurred during nucleus termination; Additions 2 may contain RABN.

Response 97**Origin** Mainframe systems only**Explanation** An I/O error occurred during buffer flush. Additions 2 may contain RABN.**Response 98****Origin** Open systems only**Explanation** A uniqueness violation of a unique descriptor was detected during a store or update processing if subtransactions are not activated, or otherwise at end of a subtransaction. The third and fourth bytes of the Additions 2 field contain the name of the descriptor which caused the uniqueness conflict.**Action** Check the descriptor values.

Response 99

Origin Mainframe and open systems

Explanation An I/O error occurred.

On open systems, the first 2 bytes of the Additions 2 field (in binary format) contain the extent number. The third and fourth bytes contain the container type ("AS" for ASSO, or "DS" for DATA or "WO" for WORK).

Action On open systems, check whether any disk devices have gone offline or check the error log for hardware errors.

Response 101

Origin Mainframe and open systems

Explanation An error has occurred using one of the client-based Adabas add-on products such as Adabas System Coordinator or Adabas Fastpath.

Mainframe Systems

On mainframe systems, one of the following subcodes may also be included with this response code:

- Subcodes of 20 or less are produced by Adabas Fastpath when an error occurs during the processing of an Adabas command..
- Subcodes of 21 or greater are produced by Adabas System Coordinator.

Refer to the hexadecimal subcode that appears in the command's Adabas control block, Additions 2 field, low-order (rightmost) two bytes. The subcodes are described in the table below:

Subcode	Meaning
2	L3/L9 direct optimization internal error. This is an Adabas Fastpath error. The hexadecimal representation for this subcode is "2".
6	L3 direction change error. This is an Adabas Fastpath error. The hexadecimal representation for this subcode is "6".
7	Direction change integrity check error.This is an Adabas Fastpath error. The hexadecimal representation for this subcode is "7".
8	Default response to internal service commands in the database. This is an Adabas Fastpath error. The hexadecimal representation for this subcode is "8".
9	Optional response for Read Ahead Update warning messages. This is an Adabas Fastpath error. The hexadecimal representation for this subcode is "9".
10	Error following a PLEX move. This is an Adabas Fastpath error. The hexadecimal representation for this subcode is "A".

Subcode	Meaning
21	Session cleanup error. This is an internal error in Adabas System Coordinator. <i>Action:</i> Contact your Software AG technical support representative.
23	Session create error. This is probably due to insufficient memory. <i>Action:</i> 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. <i>Action:</i> Increase the job region size. Note: This subcode is not subject to COR Debug.
26	Incorrect use of asynchronous Adabas calls. <i>Action:</i> Contact your Software AG technical support representative. Note: This subcode is not subject to COR Debug.
28	Internal thread concurrency error. <i>Action:</i> 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. <i>Action:</i> Contact your Software AG technical support representative.
30	Internal command error: Illegal function. <i>Action:</i> Contact your Software AG technical support representative.
31	Error allocating the internal job-structure. <i>Action:</i> Increase the job region size. If the problem persists, contact your Software AG technical support representative.
32	Internal command error: Insufficient record buffer. <i>Action:</i> Contact your Software AG technical support representative.
33	Internal command error: Record buffer is not present. <i>Action:</i> Contact your Software AG technical support representative.
34	Internal command error: Incorrect value buffer format. <i>Action:</i> 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. <i>Action:</i> Increase the job region size.

Subcode	Meaning
	Note: This subcode is not subject to COR Debug.
38	Internal command error: Unsupported memory function <i>Action:</i> Contact your Software AG technical support representative.
43	Initialization Error. An error occurred during job initialization in Adabas System Coordinator. <i>Action:</i> 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. <i>Action:</i> 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. <i>Action:</i> Contact your Software AG technical support representative.
50	Internal error processing add-on products. <i>Action:</i> Contact your Software AG technical support representative.
53	This job is not defined to use the daemon. <i>Action:</i> Review and correct the installation for this job.
54	Internal services error. <i>Action:</i> Contact your Software AG technical support representative.
55	Latency processing error. This is an internal error in Adabas System Coordinator. <i>Action:</i> 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. <i>Action:</i> Contact your Software AG technical support representative. Note: This subcode is not subject to COR Debug.

Subcode	Meaning
59	<p>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:</p> <ul style="list-style-type: none"> ■ 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. <p><i>Action:</i> Determine the cause of the concurrent command and modify the application to remove it.</p> <p>Note: This subcode is not subject to COR Debug.</p>
60	<p>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.</p> <p><i>Action:</i> Determine the cause of the concurrent command and modify the application to remove it.</p>
62	<p>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.</p> <p><i>Action:</i> 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).</p> <p>Note: This subcode is not subject to COR Debug.</p>
64	<p>Net-Work Clustering: Node not member of Group. This is an internal error in Adabas System Coordinator.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
65	<p>Net-Work Clustering: Message segment protocol error. This is an internal error in Adabas System Coordinator.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
66	<p>Net-Work Clustering: Message sequence error. This is an internal error in Adabas System Coordinator.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
67	<p>z/OS only: Invalid SVC is being used for the execution of an Adabas call.</p> <p><i>Action:</i> Review and correct the installation. If the problem persists, contact your Software AG technical support representative.</p>

Subcode	Meaning
69	<p>Insufficient memory to initialize runtime controls. There is insufficient memory for COR to initialize. This is an Adabas System Coordinator error.</p> <p><i>Action:</i> Increase the memory available to the job.</p>
81	<p>Internal UB Getmain error. This is an internal error in Adabas System Coordinator.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
82	<p>Invalid session pointer. This is an internal error in Adabas System Coordinator.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
83	<p>Internal session UB not found. This is an internal error.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
84	<p>Internal error in Adabas buffer analysis. This is an internal error in Adabas System Coordinator.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
85	<p>Internal thread getmain error. This is an internal error in Adabas System Coordinator.</p> <p><i>Action:</i> Increase the job region size and rerun the job. If the problem persists, contact your Software AG technical support representative.</p>
86	<p>Invalid command block pointer. This is an internal error in Adabas System Coordinator.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
87	<p>Client versioning has not been installed correctly.</p> <p><i>Action:</i> Check the job for any console messages and ensure that client versioning is installed correctly.</p>
88	<p>Adabas CICS link module and TRUE have not been installed correctly.</p> <p><i>Action:</i> 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.</p> <p>Note: This subcode is not subject to COR Debug.</p>
89	<p>The NIM subtask is in the process of being detached.</p> <p><i>Action:</i> None, this subcode simply indicates that a NIM subtask was still issuing Adabas commands when it was terminated by the main NIM task.</p> <p>Note: This subcode is not subject to COR Debug.</p>
90	<p>Internal handshake token validation error.</p>

Subcode	Meaning
91	<p>Latency processing error (no facility). This is an internal error in Adabas System Coordinator. Action: Contact your Software AG technical support representative.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
92	<p>Asynchronous call with no CAB. This is an internal error in Adabas System Coordinator.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
93	<p>Latency processing error (memory). This is an internal error in Adabas System Coordinator.</p> <p><i>Action:</i> Increase the job region size. If the problem persists, contact your Software AG technical support representative.</p> <p>Note: This subcode is not subject to COR Debug.</p>
94	<p>Latency processing lock error. This is an internal error in Adabas System Coordinator.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p> <p>Note: This subcode is not subject to COR Debug.</p>
95	<p>Daemon latency processing error. This is an internal error in Adabas System Coordinator.</p> <p><i>Action:</i> Ensure that the System Coordinator daemon is available. If the problem persists, contact your Software AG technical support representative.</p> <p>Note: This subcode is not subject to COR Debug.</p>
96	<p>Latency processing error (facility deleted). This is an internal error in Adabas System Coordinator.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p> <p>Note: This subcode is not subject to COR Debug.</p>
97	<p>Latency processing lock error when using daemon latency.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p> <p>Note: This subcode is not subject to COR Debug.</p>
102	<p>Latency processing unlock error. This is an internal error in Adabas System Coordinator.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p> <p>Note: This subcode is not subject to COR Debug.</p>

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. <i>Action:</i> 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. <i>Action:</i> Contact your Software AG technical support representative.
3 (0x0003)	The standard Adabas or Entire Net-Work ADALNKX library does not export all expected functions. <i>Action:</i> 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. <i>Action:</i> Contact your Software AG technical support representative.
5 (0x0005)	The path to the Initialisation File (cor.cfg) could not be determined. <i>Action:</i> 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). <i>Action:</i> 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. <i>Action:</i> Check that the Initialization File (cor.cfg) exists and that the LFILE parameter is set correctly.

Subcode	Meaning
8 (0x0008)	<p>An incompatible version of an Adabas add-on product is installed.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
9 (0x0009)	<p>An incompatible version of an Adabas add-on product is installed.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
10 (0x000A)	<p>The library for an Adabas add-on product could not be loaded.</p> <p><i>Action:</i> Check that the Adabas add-on product is installed correctly.</p>
11 (0x000B)	<p>The library for an Adabas add-on product could not be unloaded.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
12 (0x000C)	<p>The address or length of the format, record, search, value or ISN buffer appears to be invalid.</p> <p><i>Action:</i> Check the buffer addresses passed to the adabas() function and the lengths specified for the buffers in the Adabas control block.</p>
13 (0x000D)	<p>The CORADC load module could not be fetched (Mainframe).</p> <p><i>Action:</i> Check that \$STEPLIB environment variable is correct and that the CORADC load module exists in the specified data set.</p>
14 (0x000E)	<p>Port range exhausted (there are not enough allocated to this computer).</p> <p><i>Action:</i> Configure a larger port range for the Adabas System Coordinator Computer using System Management Hub.</p>
15 (0x000F)	<p>Port conflict (the allocated port is in use by another application).</p> <p><i>Action:</i> 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.</p>
16 (0x0010)	<p>Computer name could not be generated.</p> <p><i>Action:</i> 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.</p>

Subcode	Meaning
17 (0x0011)	<p>The FDT of the Configuration File is not compatible with Adabas System Coordinator.</p> <p><i>Action:</i> Check that the database and file numbers are correct.</p>
18 (0x0012)	<p>The version of Adabas is not compatible with Adabas System Coordinator.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
19 (0x0013)	<p>The SAGABS library could not be loaded.</p> <p><i>Action:</i> Check that the SAGABS library is installed.</p>
20 (0x0014)	<p>The SAGABS library could not be unloaded.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
21 (0x0015)	<p>The SAGABS library is not compatible with Adabas System Coordinator.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
22 (0x0016)	<p>Port conflict (the allocated port is in use by another Adabas System Coordinator Group).</p> <p><i>Action:</i> Assign a different Group Services port to the Adabas System Coordinator Computer using System Management Hub.</p>
23 (0x0017)	<p>Unable to spawn process (the command line parameters specified for the process are invalid).</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
24 (0x0018)	<p>Length of compressed record buffer length exceeds limit.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
25 (0x0019)	<p>Length of compressed record buffer could not be determined.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
26 (0x001A)	<p>Product not installed or not configured correctly.</p> <p><i>Action:</i> Check that the Adabas add-on product is installed correctly.</p>

Subcode	Meaning
27 (0x001B)	Configuration file version does not match the running version. <i>Action:</i> Contact your Software AG technical support representative.
28 (0x001C)	Configuration file layout is not as expected for a configuration file. <i>Action:</i> 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). <i>Action:</i> Contact your Software AG technical support representative.
30 (0x001E)	The installed Adabas version does not support LF 'I' commands (unzapped Adabas 8.2.2 or earlier). <i>Action:</i> Contact your Software AG technical support representative.
31 (0x001F)	Migration of the Configuration File was unsuccessful. <i>Action:</i> Check the output of the migration process for errors. If the reason for an unsuccessful migration cannot be determined, contact your Software AG technical support representative.
52 (0x0034)	Exception reading/writing pointer. <i>Action:</i> Contact your Software AG technical support representative.
0000A001-FFFA001	A TCP/IP error occurred. <i>Action:</i> The left-hand side of the subcode contains the operating system error code.
0000A002-FFFA002	A DNS error occurred. <i>Action:</i> 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 multicient 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. On mainframe systems, 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. <i>Action:</i> 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 <ul style="list-style-type: none"> ■ 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 appropriate 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
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.

Subcode	Description
10	The associated PLXUSER(UTE) was unsuitable at command completion. The PLXUSER and UQE UID string did not match because the PLXUSER may have been released and possibly reassigned to another user.
11	No Work data set entry in active PPT block (bad PPT block).
12	Invalid internal NUCID (internal error).
13	Invalid external NUCID (bad PPT block, internal error).
14	Work data set already open for same internal NUCID, other external NUCID.
15	Work data set already open for same external NUCID, other internal NUCID.
16	Different Work data set already open for same peer nucleus.
17	Work data set of peer nucleus could not be opened.
18	I/O error when trying to read Work data set of peer nucleus.
19	Unexpected (invalid) data in Work data set of peer nucleus.
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.

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. <i>Action:</i> Change the subscription definition to make the record shorter.
2	The subscription user exit set a value in URBERRRC. <i>Action:</i> Check the URBERRRC 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. <i>Action:</i> Increase the LRPL size of the nucleus and try again.

Subcode	Meaning
4	<p>There is insufficient space in the Event Replicator Server replication pool. In other words, the value specified by LRPL has been exceeded.</p> <p><i>Action:</i> Increase the size of the LRPL parameter and try again.</p>
5	<p>The subscription user exit modified data length (URBDLEND) to an invalid value.</p> <p><i>Action:</i> Check the subscription user exit.</p>
6	<p>The response destination (URBIRNAM) specified in a client request is undefined or not usable for sending the response.</p> <p><i>Action:</i> Correct the status request to specify the name of an existing destination definition.</p>
7	<p>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.</p> <p><i>Action:</i> Correct the status request.</p>
8	<p>The subscription (URBISNAM) specified in a status request is undefined.</p> <p><i>Action:</i> Correct the status request.</p>
9	<p>The initial state name specified was not found.</p> <p><i>Action:</i> Correct the initial-state request.</p>
10	<p>The destination for response in URBI following URBI 1 is not equal to those of URBI 1.</p> <p><i>Action:</i> Correct the initial-state request.</p>
11	<p>The initial state name in URBI following URBI 1 is not equal to that of URBI 1.</p> <p><i>Action:</i> Correct the initial-state request.</p>
12	<p>The combination of DBID and file specified in the initial-state request is not found in the initial-state definition.</p> <p><i>Action:</i> Correct the initial-state request.</p>
14	<p>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.</p> <p><i>Action:</i> Correct the initial-state request.</p>
15	<p>Field URBILEND is invalid.</p> <p><i>Action:</i> Correct the initial-state request.</p>
16	<p>The specified ISNLIST is invalid.</p> <p><i>Action:</i> Correct the initial-state request.</p>

Subcode	Meaning
17	The initial-state process has been stopped by an operator request. <i>Action:</i> No action is required.
18	Different request tokens have been specified in different URBI elements in the same message. <i>Action:</i> 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. <i>Action:</i> Correct the initial-state or destination open/close client request.
20	Invalid input data for decompression was found during the subscription phase. <i>Action:</i> Check the index of the replicated file.
22	The file/DBID supplied for the initial-state process is deactivated for replication. <i>Action:</i> Check the cause of deactivation and repeat the request after reactivation.
23	Invalid UES parameter in URBI . URBIARC, URBIACOD, and URBIWCOD must contain invalid values and must not be all blanks. <i>Action:</i> 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. <i>Action:</i> 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. <i>Action:</i> 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. <i>Action:</i> Correct the client request.
27	No active destinations for status request. <i>Action:</i> No action is required.

Subcode	Meaning
28	<p>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.</p> <p><i>Action:</i> Reissue the initial-state request when the Event Replicator Server has been restarted.</p>
30	<p>Unknown response destination name in URBIRNAM for a prior-transaction request.</p> <p><i>Action:</i> Correct the prior-transaction request.</p>
31	<p>Unknown destination name in URBIDNAM for a prior-transaction request.</p> <p><i>Action:</i> Correct the prior-transaction request.</p>
32	<p>Unknown or omitted subscription name in URBISNAM for a prior-transaction request.</p> <p><i>Action:</i> Correct the prior-transaction request.</p>
33	<p>Destination in URBIDNAM is not related to subscription in URBISNAM for a prior-transaction request.</p> <p><i>Action:</i> Correct the prior-transaction request.</p>
34	<p>Subscription in URBISNAM has no resend buffer defined for a prior-transaction request.</p> <p><i>Action:</i> Correct the prior-transaction request.</p>
35	<p>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.</p> <p><i>Action:</i> Check the source of the transaction number.</p>
36	<p>The subscription in URBISNAM is not active.</p> <p><i>Action:</i> No action is required.</p>
37	<p>An invalid transaction was found in the resend buffer. This is an internal error.</p> <p><i>Action:</i> Notify your Software AG technical support representative.</p>
38	<p>There are no active destinations for a prior-transaction request.</p> <p><i>Action:</i> No action is required.</p>
39	<p>URBILEND must be zero for prior-transaction requests.</p> <p><i>Action:</i> Correct the prior-transaction request.</p>
40	<p>URBIDBID and URBIFNR may not be specified for this type of client request.</p> <p><i>Action:</i> Correct the client request.</p>

Subcode	Meaning
41	URBIINAM may not be specified for prior-transaction requests. <i>Action:</i> Correct the prior-transaction request.
42	UES parameters URBIARC, URBIACOD and URBIWCOD may not be specified for prior-transaction requests. <i>Action:</i> Correct the prior-transaction request.
43	Reserved fields URBIRES1 and URBIRES2 must be zero for prior-transaction requests. <i>Action:</i> Correct the prior-transaction request.
44	Number of active concurrent initial-state requests exceeded IMAXREQ. <i>Action:</i> Increase the IMAXREQ setting or reduce the number of active concurrent initial-state requests.
45	Input request URBH eyecatcher is invalid. <i>Action:</i> Correct the input information and try again. For more information, read <i>Event Replicator Client Requests</i> in the <i>Event Replicator for Adabas Application Programmer's Reference</i> .
46	Input request URBHLEN is invalid. <i>Action:</i> Correct the input information and try again. For more information, read <i>Event Replicator Client Requests</i> in the <i>Event Replicator for Adabas Application Programmer's Reference</i> .
47	Input request URBHBORD is invalid. <i>Action:</i> Correct the input information and try again. For more information, read <i>Event Replicator Client Requests</i> in the <i>Event Replicator for Adabas Application Programmer's Reference</i> .
48	Input request URBHVERS is invalid. <i>Action:</i> Correct the input information and try again. For more information, read <i>Event Replicator Client Requests</i> in the <i>Event Replicator for Adabas Application Programmer's Reference</i> .
49	Input request message truncated. <i>Action:</i> Correct the input information and try again. For more information, read <i>Event Replicator Client Requests</i> in the <i>Event Replicator for Adabas Application Programmer's Reference</i> .
50	Input request URBHLENT is invalid. <i>Action:</i> Correct the input information and try again. For more information, read <i>Event Replicator Client Requests</i> in the <i>Event Replicator for Adabas Application Programmer's Reference</i> .

Subcode	Meaning
51	<p>Input request URBILENH is invalid.</p> <p><i>Action:</i> Correct the input information and try again. For more information, read <i>Event Replicator Client Requests</i> in the <i>Event Replicator for Adabas Application Programmer's Reference</i> .</p>
52	<p>Input request URBILEND is invalid.</p> <p><i>Action:</i> Correct the input information and try again. For more information, read <i>Event Replicator Client Requests</i> in the <i>Event Replicator for Adabas Application Programmer's Reference</i> .</p>
53	<p>Input request URBILEN is invalid.</p> <p><i>Action:</i> Correct the input information and try again. For more information, read <i>Event Replicator Client Requests</i> in the <i>Event Replicator for Adabas Application Programmer's Reference</i> .</p>
54	<p>Input request reserved area is not zero.</p> <p><i>Action:</i> Correct the input information and try again. For more information, read <i>Event Replicator Client Requests</i> in the <i>Event Replicator for Adabas Application Programmer's Reference</i> .</p>
55	<p>Input request more than one status received.</p> <p><i>Action:</i> Correct the input information and try again. For more information, read <i>Event Replicator Client Requests</i> in the <i>Event Replicator for Adabas Application Programmer's Reference</i> .</p>
56	<p>Input request invalid URBI request received.</p> <p><i>Action:</i> Correct the input information and try again. For more information, read <i>Event Replicator Client Requests</i> in the <i>Event Replicator for Adabas Application Programmer's Reference</i> .</p>
57	<p>Input request different interleaved requests received.</p> <p><i>Action:</i> 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).</p> <p>Correct the input information and try again. For more information, read <i>Event Replicator Client Requests</i> in <i>Event Replicator for Adabas Application Programmer's Reference</i> .</p>
58	<p>Invalid destination for response.</p> <p><i>Action:</i> Correct the input information and try again. For more information, read <i>Event Replicator Client Requests</i> in the <i>Event Replicator for Adabas Application Programmer's Reference</i> .</p>

Subcode	Meaning
59	<p>A replay request was issued for a database not defined to the Event Replicator Server.</p> <p><i>Action:</i> Correct the DBID in the replay request or define the database to the Event Replicator Server.</p>
60	<p>Invalid replay token. The replay token is not defined or is outdated.</p> <p><i>Action:</i> Specify a valid replay token.</p>
61	<p>Invalid request sent to Event Replicator Server. RBL is insufficient, no FB provided on Init handshake or other such errors.</p> <p><i>Action:</i> Notify your Software AG technical support representative.</p>
62	<p>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.</p> <p><i>Action:</i> Use application-specific means to bring the replicated data in sync again, if necessary.</p>
63	<p>The file specified in a C5 command with R-option is not replicated.</p> <p><i>Action:</i> Specify the file number of a replicated file.</p>
64	<p>The filter defines a comparison between two field types for which a comparison is invalid.</p> <p><i>Action:</i> Correct the filter definition.</p>
65	<p>The filter refers to a field that is not defined in the internal format buffer.</p> <p><i>Action:</i> Correct the filter definition or define the field in the database.</p>
66	<p>The filter defines a comparison against a field that is not selectable as it has no type (for example, a superdescriptor).</p> <p><i>Action:</i> Correct the filter definition.</p>
67	<p>The filter uses values in an FLIST specification that are invalid or out of range.</p> <p><i>Action:</i> Correct the filter definition.</p>
69	<p>Replay for same DBID/FNR already running.</p>
71	<p>Date/time format or value incorrect for replay.</p> <p><i>Action:</i> Check the syntax of the specified date and time values. Do not specify future date and time values.</p>
72	<p>Incorrect replay parameters.</p> <p><i>Action:</i> Check and correct the specified replay parameters.</p>

Subcode	Meaning
73	<p>A subscription involved in the replay was inactive at the beginning of replay processing or was deactivated while the replay was running.</p> <p><i>Action:</i> Reactivate the deactivated subscription and rerun the replay process for the subscription.</p>
74	<p>A destination involved in the replay was inactive at the beginning of replay processing or was deactivated while the replay was running.</p> <p><i>Action:</i> Reactivate the deactivated destination and rerun the replay process for the destination.</p>
75	<p>A replay destination that was defined without SLOG was closed at the beginning of replay processing or while the replay was running.</p> <p><i>Action:</i> Reopen the closed destination and rerun the replay process for the destination.</p>
76	<p>ADARPL terminated abnormally.</p> <p><i>Action:</i> Investigate the cause of the error, correct it, and run a new replay job.</p>
77	<p>Invalid replay status transition. Events that change the status of a replay process occurred in an unexpected order.</p> <p><i>Action:</i> Notify your Software AG technical support representative.</p>
78	<p>New transactions from Adabas could not be kept on hold during a replay in synchronized mode.</p> <p><i>Action:</i> 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.</p>
79	<p>A replay process was canceled by a user (RPLCLEANUP operator command).</p> <p><i>Action:</i> If appropriate, run another replay job with corrected parameters.</p>
80	<p>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.</p> <p><i>Action:</i> Wait until the Event Replicator Server reports the activation of the file (ADAF2L message). Then run a new replay job.</p>
81	<p>A utility other than ADARPL specified a replay token when connecting to the Event Replicator Server.</p> <p><i>Action:</i> Notify your Software AG technical support representative.</p>

Subcode	Meaning
82	<p>The Event Replicator Server is not connected to Adabas at the start of a replay process with the TOKEN parameter.</p> <p><i>Action:</i> Start Adabas and let it connect to the Event Replicator Server. When running a replay with the TOKEN parameter, Adabas must be active.</p>
83	<p>Neither a subscription nor a destination was specified in a replay request.</p> <p><i>Action:</i> Specify at least one subscription or destination.</p>
84	<p>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.</p> <p><i>Action:</i> Change the replay parameters or the activation status of the subscriptions or destinations involved in the replay.</p>
85	<p>A file involved in the replay was inactive at the beginning of the replay or deactivated while the replay was running.</p> <p><i>Action:</i> Reactivate the deactivated file and rerun the replay process for the subscriptions involved in the replay that get data from the file.</p>
86	<p>Invalid format buffer was specified for destination-type Adabas update commands.</p> <p><i>Action:</i> Correct the format buffer.</p>
87	<p>An unexpected message sequence number was encountered.</p> <p><i>Action:</i> Contact your Software AG support representative.</p>
88	<p>An unrecognized eye-catcher was encountered in control block following the URBH.</p> <p><i>Action:</i> Contact your Software AG support representative.</p>
89	<p>The same subscription name was specified more than once for an Adabas automated replay (defined using the Adabas Event Replicator Subsystem).</p> <p><i>Action:</i> Verify that a subscription is specified only once in an automated replay, and try again.</p>
90	<p>The same destination name was specified more than once for an Adabas automated replay (defined using the Adabas Event Replicator Subsystem).</p> <p><i>Action:</i> Verify that a destination is specified only once in an automated replay, and try again.</p>

Subcode	Meaning
91	<p>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.</p> <p><i>Action:</i> Verify that a destination is specified only once in an automated replay or in multiple destination open/close client requests and try again.</p>
92	<p>The timeout parameter specified for an automated replay was too high.</p> <p><i>Action:</i> Reduce the timeout parameter value and try again.</p>
93	<p>PLOG information was not recorded in the Event Replicator Server system file.</p> <p><i>Action:</i> Contact your Software AG support representative.</p>
94	<p>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.</p> <p><i>Action:</i> Contact your Software AG support representative.</p>
95	<p>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.</p> <p><i>Action:</i> Contact your Software AG support representative.</p>
96	<p>The Adabas nucleus that was the target of an initial-state request returned response code 148 (ADARSP148), indicating it is not available.</p> <p><i>Action:</i> Start the targeted Adabas nucleus and retry the initial-state request.</p>
97	<p>A format buffer was specified which contains a LOB field, which is not supported.</p> <p><i>Action:</i> Correct the format buffer.</p>
99	<p>The subscription name (URBISNAM) specified in the destination open/close client request contains a value other than spaces.</p> <p><i>Action:</i> Correct the destination open/close client request by setting this field to spaces.</p>
100	<p>The transaction sequence number (URBITSNR) specified in a destination open/close client request contains a value other than binary zeroes.</p> <p><i>Action:</i> Correct the destination open/close client request by setting this field to binary zeroes.</p>
101	<p>The destination open/close request failed on some tasks.</p> <p><i>Action:</i> Investigate the cause of the error.</p>
102	<p>The destination open/close request failed.</p> <p><i>Action:</i> Investigate the cause of the error.</p>

Subcode	Meaning
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. <i>Action:</i> No action is required.
104	Begin byte in field filter is longer than the field length. <i>Action:</i> 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. <i>Action:</i> Adjust the specifications for the beginning byte or the portion length and try again.
106	Begin byte or length not supported for field with format U, P, F, G, or W. <i>Action:</i> 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. <i>Action:</i> Adjust the length specification and try again.
108	Input request URBI eyecatcher is invalid. <i>Action:</i> Correct the input information and try again. For more information, read <i>Event Replicator Client Requests</i> in the <i>Event Replicator for Adabas Application Programmer's Reference</i> .
109	An Adabas security (ADASCR) function has been invalidly replicated to a subscription file defined with SFSECURITYFILE=NO. <i>Action:</i> 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. <i>Action:</i> 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. <i>Action:</i> 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. <i>Action:</i> 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.

Subcode	Description
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 <i>base file</i> of the <i>LOB group</i> .
258	An error in the base file-LOB file linkage exists; the file linked to the base file of a LOB group is not really a LOB file.
259	An error in the base file-LOB file linkage exists; the LOB file linked to a base file of a LOB group refers back to a different base file (or none at all).
260	An error in the base file-LOB file linkage exists; either no LOB file was linked to a base file or the LOB file number is invalid.
261	The LOB file has been left in an inconsistent state by an aborted utility execution.
262	An LB field length element specification error occurred in the format buffer ('xxL,4,B' was expected).
263	An invalid LOB file segment descriptor was encountered. The set of LOB file segment records associated with one LB field value is inconsistent. Either the LOB file is bad or an illegal concurrent LOB file update occurred during the LOB file read operation.
264	An invalid LOB file segment record was encountered. The contents of a LOB file record are inconsistent. The LOB file is bad.
265	The length of an LB field value in the LOB file differs from the length stored in the associated base file record. Either the base file and the LOB file are out-of-sync or an illegal concurrent LOB file update occurred during the LOB file read operation.
266	A bad LB field value reference was encountered in a base file record. The base file is bad.
267	An LB field value referred to in a base file record is not present in the LOB file. Probably, the base file and the LOB file are out-of-sync.
268	Internal LOB update error. At the end of a LOB update in the LOB file, the LOB value reference or placeholder was not found in the associated base file record where it was expected. Possibly, the base file record was changed in parallel.
270	Internal LOB update error. At the end of a LOB update in the LOB file, the base record was not in exclusive hold status anymore.
297	A planned feature for large object (LB) fields (for example, character code conversion of LB field values) is not yet supported.
298	Too many (more than 32,767) LB field occurrences were specified in the format buffer.
299	An internal error occurred due to LOB file processing.

Open Systems

LOB data processing may fail because of concurrent updates. If a new attempt to process the LOB data also fails, this response code is returned. The subcode (field ACBXERRC in the ACBX) provides more information:

Subcode	Description
297	A planned feature for large object (LB) fields (for example, character code conversion of LB field values) is not yet supported.
300	The referential integrity and uniqueness checks done by subtransactions are currently not compatible with commands that modify LOB values.

Action The method of resolving the error varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

Mainframe Systems

Resolve the problem described in the subcode list in the explanation.

Open Systems

If one of the subcodes above occurs, you must change the program that is making the Adabas calls.

If the subcode (field ACBXERRC in the ACBX) is not one of the subcodes mentioned above, and if the response code 132 is reproducible even though the accessed LOB fields are not being updated, contact 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 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 multical call 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.
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	Wait for the nucleus to shut down, restart it, and reissue the command.

Subcode	Occurrence Location	Description	Action
		or an existing user in ET status is trying to continue operation.	
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 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 <code>showipc -kd <dbid></code> , then restart the nucleus and reissue the command.
23	Adabas open systems version 3.1 only	There is a problem attaching the Adabas IPC 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 <code>showipc -kd <dbid></code> , 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 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

Subcode	Occurrence Location	Description	Action
27	open systems	An IPC problem occurred during a read in the message queue.	is still active, and restart it. If the error still occurs, try issuing the command <code>showipc -kd <dbid></code> , then restart the nucleus and reissue the command.
28	open systems	An IPC problem occurred during a write in the message queue.	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 <i>Increasing System V IPC Resources</i> in the Adabas open systems installation documentation.
29	UNIX platforms only	IPC resources exist, but the database server was not active.	Issue the command <code>showipc -kd <dbid></code> , 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 environment when one of the targets is no longer active.	Contact your Software AG support representative for assistance.
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.

Subcode	Occurrence Location	Description	Action
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.
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 attempting to retrieve the results of a completed command. The target may have become inactive. The ABEND was recovered by ADAMPM.	This may be seen if the target nucleus is terminating. Otherwise 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.	Contact your Software AG support representative for assistance.

Subcode	Occurrence Location	Description	Action
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.	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.	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.	Contact your Software AG support representative for assistance.
105/205	mainframe systems	Entire Net-Work unavailable, can't route existing user to remote nucleus. The 205 subcode appears when this subcode is set on a remote node.	Contact your Software AG support representative for assistance.
106/206	mainframe systems	Entire Net-Work unavailable, can't route new user to remote nucleus. The 206 subcode appears when this subcode is set on a remote node.	Contact your Software AG support representative for assistance.
107/207	mainframe systems	No nucleus available for remote user. The 207 subcode appears when this subcode is set on a 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.	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	Contact your Software AG support representative for assistance.

Subcode	Occurrence Location	Description	Action
		Services to Adabas Parallel Services. Otherwise this is a logic error.	
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.	Contact your Software AG support representative for assistance.
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.

Subcode	Occurrence Location	Description	Action
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.
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 SYNCP 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	<p>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.</p> <p>On open systems, bytes 3 and 4 of the Additions 2 field contains the name of the descriptor that caused the error.</p>
Action	<p>On open systems perform the following steps:</p> <ol style="list-style-type: none"> 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: <ul style="list-style-type: none"> ■ 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	<p>The meaning of this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.</p> <p>Mainframe Systems</p> <p>The field in a coupled file does not exist or the coupled list is invalid.</p> <p>Open Systems</p> <p>An error was detected in an inverted list index; a descriptor value was already present during an insert operation.</p> <p>Bytes 3 and 4 of the Additions 2 field contains the name of the descriptor that caused the error.</p>
Action	<p>The method of resolving the error varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.</p> <p>Mainframe Systems</p> <p>Open Systems</p> <p>Complete the following steps:</p>

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	<p>On mainframe systems, an ISN was less than the MINISN or greater than the MAXISN setting in effect for the file.</p> <p>On open systems, the maximum possible ISN of the file was reached and no more can be allocated.</p>
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	<p>An invalid Data Storage RABN was detected.</p> <p>On open systems, the Additions 2 field contains the invalid RABN in 4 byte binary format.</p>
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	<p>An inconsistency was detected between the index and Data Storage.</p> <p>This response code can be expected when reading a descriptor value for a ciphered file if an incorrect cipher code was used.</p>

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
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

Subcode	Meaning
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.
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: <ul style="list-style-type: none"> ■ old password with new passphrase ■ old passphrase with new password Passwords and passphrases should not be mixed.

Subcode	Meaning
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.
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 occurred 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 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.

Subcode	Meaning
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 an 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 an internal product error. Contact Software AG technical support.
79	An error occurred 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.

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 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).
5	The record or value buffer definition may be invalid; for example, the length size may be invalid (less than or equal to 144 bytes); or the value buffer content may be invalid; for example, it may not contain a valid transaction ID (XID).

Subcode	Meaning
6	The user is not an update or ET user or is already involved in a global transaction or the user is already on PET (preliminary end-of-transaction) status.
7	A protocol error occurred: The user has been copied to Work 4 or the transaction was backed out.
8	A protocol error occurred: The transaction was terminated or the user has no transaction ID (XID) or the recover call for an active user is not permitted.
9	The system is currently locked due to a pending Work area 4 or DDWORKR4 overflow.
10	The call is not permitted; either ADAEND or an ET-sync point is in process for the nucleus. Force the ATM nucleus to backout (BT) the transaction.
11	The user has not made any updates. A preliminary ET command, therefore, is not permitted.
12	A logic error occurred.
20	The transaction ID (XID) is unknown. This error occurs only in a cluster environment.

Response 220

Origin

Mainframe systems only

Explanation

The request was rejected by Entire Net-Work due to a shortage of short term buffers.

Note: If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC 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.
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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. <i>Action:</i> 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. <i>Action:</i> 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. <i>Action:</i> 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. <i>Action:</i> Check that FDTs of the files are compatible.
5 (0x00000005)	Cannot coerce a value specified for the extraction criteria to the specified type. <i>Action:</i> 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. <i>Action:</i> Contact your Software AG technical support representative.
7 (0x00000007)	Unsupported date/time pattern in extraction criteria. <i>Action:</i> 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. <i>Action:</i> 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. <i>Action:</i> Check that Adabas System Coordinator is installed correctly.
10 (0x0000000A)	An incompatible version of Adabas System Coordinator is installed.

Subcode	Meaning
	<i>Action:</i> Contact your Software AG technical support representative.
11 (0x0000000B)	An incompatible version of Adbas System Coordinator is installed. <i>Action:</i> Contact your Software AG technical support representative.
12 (0x0000000C)	Cannot parse FDT. <i>Action:</i> Contact your Software AG technical support representative.
13 (0x0000000D)	Cannot generate FDU from FDT. <i>Action:</i> Contact your Software AG technical support representative.
14 (0x0000000E)	Cannot create format buffer for the whole FDT. <i>Action:</i> Contact your Software AG technical support representative.
15 (0x0000000F)	PE or MU field(s) not defined correctly. <i>Action:</i> 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. <i>Action:</i> 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. <i>Action:</i> 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. <i>Action:</i> 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. <i>Action:</i> Contact your Software AG technical support representative.
20 (0x00000014)	Internal format buffer overflow.

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

Subcode	Meaning
30 (0x0000001E)	<p>Attempt to recall an archive using Extractor/Accumulator computers that not sharing the same Repository.</p> <p><i>Action:</i> Extractor/Accumulator computers for a recall must share the same Repository.</p>
31 (0x0000001F)	<p>No Plan record found for the current archive/recall/search operation.</p> <p><i>Action:</i> Check that the correct Repository is being used and that the Plan record is still defined.</p>
32 (0x00000020)	<p>Archive failed due to invalid/unsupported Extractor settings.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
33 (0x00000021)	<p>Archive failed due to invalid/unsupported Transfer settings.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
34 (0x00000022)	<p>Archive failed due to invalid/unsupported Accumulator settings.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
35 (0x00000023)	<p>Recall failed due to invalid or unsupported Extractor settings.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
36 (0x00000024)	<p>Recall failed due to invalid or unsupported Transfer settings.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
37 (0x00000025)	<p>Recall failed due to invalid or unsupported Accumulator settings.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
38 (0x00000026)	<p>Extractor terminated because the Accumulator is not active.</p> <p><i>Action:</i> Check the response and subcode for the Accumulator in Current or Completed Activities.</p>
39 (0x00000027)	<p>Accumulator timed-out waiting for the Extractor.</p> <p><i>Action:</i> Check the response and subcode for the Extractor in Current or Completed Activities.</p>
40 (0x00000028)	<p>Message protocol error/incompatibility.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>

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

Subcode	Meaning
	<i>Action:</i> Check that the Vault Path defined for the Extractor, Accumulator and ADR Service computers is correct.
53 (0x00000035)	Access denied to Vault Path. <i>Action:</i> 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. <i>Action:</i> Contact your Software AG technical support representative.
55 (0x00000037)	Extractor/Accumulator failed to load. <i>Action:</i> Check the response and subcode for the Extractor/Accumulator in Pending, Current and Completed Activities.
56 (0x00000038)	Extractor/Accumulator failed to load. <i>Action:</i> Contact your Software AG technical support representative.
57 (0x00000039)	Length of compressed record exceeds limit. <i>Action:</i> Contact your Software AG technical support representative.
58 (0x0000003A)	Length of decompressed record exceeds limit. <i>Action:</i> Contact your Software AG technical support representative.
59 (0x0000003B)	Cannot determine the default codepage for the system. <i>Action:</i> Contact your Software AG technical support representative.
60 (0x0000003C)	Invalid/unsupported codepage specified for archive or recall. <i>Action:</i> 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. <i>Action:</i> Specify the codepage explicitly or configure the default AMODE= setting for the database.
62 (0x0000003E)	No Search record found. <i>Action:</i> 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. <i>Action:</i> Contact your Software AG technical support representative.
64 (0x00000040)	Invalid search (search buffer). <i>Action:</i> Contact your Software AG technical support representative.
65 (0x00000041)	Invalid search (value buffer). <i>Action:</i> 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. <i>Action:</i> 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. <i>Action:</i> Specify the codepage explicitly or configure the default WMODE= setting for the database.
68 (0x00000044)	Task already locked. <i>Action:</i> Contact your Software AG technical support representative.
69 (0x00000045)	License file is missing. <i>Action:</i> Contact your Software AG technical support representative.
70 (0x00000046)	License key is invalid. <i>Action:</i> Contact your Software AG technical support representative.
71 (0x00000047)	License has expired. <i>Action:</i> Contact your Software AG technical support representative.
72 (0x00000048)	License is for a different operating system. <i>Action:</i> Contact your Software AG technical support representative.
73 (0x00000049)	License is for a different product. <i>Action:</i> Contact your Software AG technical support representative.

Subcode	Meaning
74 (0x0000004A)	License is for a different version. <i>Action:</i> Contact your Software AG technical support representative.
75 (0x0000004B)	Functionality restricted, Community edition. <i>Action:</i> License file required for full functionality.
76 (0x0000004C)	No license file found. <i>Action:</i> Contact your Software AG technical support representative.
77 (0x0000004D)	Duplicate archive identifier detected in the Vault. <i>Action:</i> Contact your Software AG technical support representative.
78 (0x0000004E)	Filename conflict detected in the Vault. <i>Action:</i> Contact your Software AG technical support representative.
79 (0x0000004F)	Some or all of the data for an archive is missing from the Vault. <i>Action:</i> Contact your Software AG technical support representative.
80 (0x00000050)	Vault or archive damaged. <i>Action:</i> Contact your Software AG technical support representative.
81 (0x00000051)	ADR plug-in library could not be loaded. <i>Action:</i> Contact your Software AG technical support representative.
82 (0x00000052)	Incompatible ADR plug-in library. <i>Action:</i> 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). <i>Action:</i> Correct the format buffer in the Extractor Filter Settings.
84 (0x00000054)	An Extractor Filter must contain at least one non-LOB field. <i>Action:</i> 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
	<i>Action:</i> 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. <i>Action:</i> Contact your Software AG technical support representative.
87 (0x00000057)	License file does not provide the Price Quantity required by the system. <i>Action:</i> Contact your Software AG technical support representative.
88 (0x00000058)	License file does not provide Extended Rights. <i>Action:</i> Contact your Software AG technical support representative.
89 (0x00000059)	The file size of the archive file checked by the validation process is incorrect. <i>Action:</i> 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 is incorrect. <i>Action:</i> 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. <i>Action:</i> 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. <i>Action:</i> 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. <i>Action:</i> Contact your Software AG technical support representative.
94 (0x0000005E)	License file does not provide Transfer to Adabas required by the system.

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

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

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

Subcode	Meaning
130 (0x00000082)	API library name is too long. <i>Action:</i> 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. <i>Action:</i> 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 <i>Action:</i> Ensure that you have successfully saved and compiled your dynamic extraction syntax.
133 (0x00000085)	Duplicate Related file record with differing scopes. <i>Action:</i> Contact your Software AG technical support representative.
134 (0x00000086)	API To-Do list locked, it is already in use by another process. <i>Action:</i> 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. <i>Action:</i> Contact your Software AG technical support representative.
136 (0x00000088)	Extractor/Accumulator was terminated unexpectedly or cancelled by the user. <i>Action:</i> 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. <i>Action:</i> 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. <i>Action:</i> 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
	<p>settings for the associated database have been changed since the activity was paused/failed.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
140 (0x0000008C)	<p>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.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
141 (0x0000008D)	<p>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.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
142 (0x0000008E)	<p>The Extractor was unable to read the FCB of one of the Source Files.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
143 (0x0000008F)	<p>The FCB of the Source Files is in a format not recognised by the Extractor.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
144 (0x00000090)	<p>An archive activity could not be resumed/restarted because one of the Source Files has been reloaded since the activity was paused/failed.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
145 (0x00000091)	<p>An archive activity could not be restarted because the archive could not be validated, the repair was unsuccessful.</p> <p><i>Action:</i> Review the meaning of any log messages written at the time of the failure and, if necessary, contact your Software AG technical support representative.</p>
146 (0x00000092)	<p>An archive activity could not be validated/restarted because one of the archive file segments is missing.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
147 (0x00000093)	<p>Invalid archive identifier.</p>

Subcode	Meaning
	<i>Action:</i> Contact your Software AG technical support representative.
148 (0x00000094)	Length mismatch detected whilst updating archive file record. <i>Action:</i> Contact your Software AG technical support representative.
149 (0x00000095)	No Vault record found. <i>Action:</i> 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. <i>Action:</i> Contact your Software AG technical support representative.
151 (0x00000097)	Vault path does not exist. <i>Action:</i> 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. <i>Action:</i> Contact your Software AG technical support representative.
153 (0x00000099)	Timed-out whilst caching Vault content on local Computer. <i>Action:</i> Contact your Software AG technical support representative.
154 (0x0000009A)	Vault path does not exist. <i>Action:</i> 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
	<p>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).</p> <p>If the cause of the error is not apparent, contact your Software AG technical support representative.</p>

Category A subcodes:

Subcode	Meaning
0xhhhhA001	<p>A TCP/IP error has occurred where hhhh is the operating system error code.</p> <p>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).</p> <p>If the cause of the error is not apparent, contact your Software AG technical support representative.</p>
0xhhhhA002	<p>A DNS error has occurred where hhhh is the operating system error code.</p> <p>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).</p> <p>If the cause of the error is not apparent, contact your Software AG technical support representative.</p>

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	<p>The partitioned file concurrency limit has been reached.</p> <p><i>Action:</i> Increase the partitioned file concurrency limit using the File Partitioning function of Adabas Vista Online Services.</p>
6	<p>The job parameter <code>Enable Multiple Updates</code> is set to NO. After updating one database, the user attempted to update a second database in the same transaction.</p> <p><i>Action:</i> Review the job parameter <code>Enable Multiple Updates</code> in the Job Parameter function of Adabas Vista Online Services.</p>
8	<p>This partitioned file has been defined with an unsupported Partitioning Field. The Partitioning Field may not be:</p> <ul style="list-style-type: none"> ■ 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 <p><i>Action:</i> Review the partitioning criteria.</p>
9	<p>One of the following errors was detected while processing a partitioned file:</p> <ul style="list-style-type: none"> ■ 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. <p><i>Action:</i> Review the use of client encodings.</p>
10	<p>One of the following errors was detected in the Adabas search buffer while processing a partitioned file:</p> <ul style="list-style-type: none"> ■ 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
	<i>Action:</i> Review and correct the application program.
12	<p>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.</p> <p><i>Action:</i> Avoid this response by ensuring the client has no Adabas context prior to the runtime controls being changed.</p>
14	<p>One of the following errors was detected in the Adabas format or record buffer while processing a update/store for a partitioned file:</p> <ul style="list-style-type: none"> ■ 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). <p><i>Action:</i> Review application program and partitioning criteria.</p>
15	<p>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.</p> <p>Such an update requires the relocation of the ISN to another partition, which is not allowed.</p> <p><i>Action:</i> Review the application program. Use a delete and store as an alternative.</p>
16	<p>An ISN has been detected that is invalid for one of the following reasons:</p> <ul style="list-style-type: none"> ■ 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
	<ul style="list-style-type: none"> ■ (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. <p><i>Action:</i> 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.</p>
21	<p>One of the following errors occurred while processing Distributed Lock Mode (DLM) against a partitioned file:</p> <ul style="list-style-type: none"> ■ 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. <p><i>Action:</i> Review the application and use of the DLM option.</p>
22	<p>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.</p> <p><i>Action:</i> Review the application program and the convergent translation/partitioning rules or alter the CL convergence runtime control setting.</p>
25	<p>One of the following unsupported commands has been issued:</p> <ul style="list-style-type: none"> ■ 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 <p><i>Action:</i> Review application program.</p>
28	<p>An update command has been issued to a partitioned file; however, the target partition does not have the option ACCESS=FULL.</p> <p><i>Action:</i> Review application program and partition ACCESS options.</p>

Subcode	Meaning
31	<p>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.</p> <p><i>Action:</i> Review programming practices for changing client contexts.</p>
32	<p>Partitioned files can not be subjected to a change in client context</p> <p><i>Action:</i> Review programming practices for changing client contexts.</p>
36	<p>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.</p> <p><i>Action:</i> Increase the shared memory available.</p>
37	<p>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.</p> <p><i>Action:</i> Increase the shared memory available.</p>
39	<p>An L1 (get next) command was issued but the supplied command ID is not currently active.</p> <p><i>Action:</i> Review application program.</p>
45	<p>An error has occurred during the processing of a distributed L3/L9 command against a partitioned file.</p> <p><i>Action:</i> 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.</p>
50	<p>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.</p> <p><i>Action:</i> Review application program and use of DLM option.</p>
51	<p>The number of segmented buffers used by this ACBX call against a Partitioned File is greater than the maximum allowed.</p> <p><i>Action:</i> Reduce the number of segmented buffers.</p>
52	<p>The file parameter Enable ISN Positioning is set to NO and one of the following commands was issued:</p> <ul style="list-style-type: none"> ■ L1 with Command Option 2 set to I

Subcode	Meaning
	<ul style="list-style-type: none"> ■ L2/5 with starting ISN ■ L3/6 with starting ISN ■ Sx with the ISN Lower Limit field specified <p><i>Action:</i> Review application program and the file parameter Enable ISN Positioning.</p>
60	<p>A memory request failed.</p> <p><i>Action:</i> Review the memory availability of the</p> <ul style="list-style-type: none"> ■ host TP system; ■ host operating system; and ■ global common memory pool (BS2000 only; specified in the Adabas System Coordinator group definition).
65	<p>One of the following invalid values was used for a command ID value:</p> <ul style="list-style-type: none"> ■ X'00000000' ■ X'40404040' <p><i>Action:</i> Do not use the above command ID values.</p>
70	<p>Support for the use of this API has been withdrawn.</p> <p><i>Action:</i> Please refer to the currently supported APIs or, alternatively, contact your Software AG technical support representative to discuss your requirements.</p>
72	<p>An ET Data related command has been issued, but the runtime control (see <i>Database Number for ET Data</i>, in the <i>Adabas Vista Parameters</i> manual) is not set to a specific database number and Vista has been unable to establish a target database to satisfy the command.</p> <p><i>Action:</i> Review the runtime control <i>Database Number for ET Data</i>, in the <i>Adabas Vista Parameters</i> manual, to specifically identify the database number to be used.</p>
74	<p>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.</p> <p><i>Action:</i> Review the program logic.</p>
81	<p>An error has occurred during the processing of an L1 'get next' command against a partitioned file.</p> <p><i>Action:</i> 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.</p>

Subcode	Meaning
86	<p>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</p> <ul style="list-style-type: none"> ■ is not running with ADARUN VISTA=YES; or ■ is not running Adabas version 7 or above. <p><i>Action:</i> Refer to the Adabas Vista installation procedures.</p>
96	<p>An error has occurred during the parsing of the Format Buffer during the processing of an Ax or Nx command against a partitioned file.</p> <p><i>Action:</i> 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.</p>
106	<p>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.</p> <p><i>Action:</i> Review the null definition policy for the target category (mode) used if you do not wish to receive this error.</p>
107	<p>Translation processing has been configured to disallow redirection to a different target category (mode).</p> <p><i>Action:</i> Remove the redirection rule(s) or review the category adjustment policy for the target category (mode) in use.</p>
108	<p>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.</p> <p><i>Action:</i> Review the translation rules in use to avoid a null result or alter the null definition policies.</p>
109	<p>Translation processing has detected a recursive redirection.</p> <p><i>Action:</i> Review the translation rules in use.</p>
112	<p>An error has occurred during the processing of the current command.</p> <p><i>Action:</i> 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.</p>
116	<p>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.</p> <p><i>Action:</i> 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.</p>

Subcode	Meaning
117	<p>One of the following errors occurred while processing the record, value, or search buffer:</p> <ul style="list-style-type: none"> ■ 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. <p><i>Action:</i> Check field values for correct formats and lengths.</p>
119	<p>One of the following has occurred:</p> <ul style="list-style-type: none"> ■ 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. <p><i>Action:</i> Check the availability of the configuration file.</p> <p>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.</p>
120	<p>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 translation rule for this source file. This subcode is returned the next time the client attempts to access the source file.</p> <p><i>Action:</i> Review the availability of the configuration file.</p>
122	<p>An invalid partitioned file definition has been found in the Adabas Vista configuration file.</p> <p><i>Action:</i> Check the file definition using Adabas Vista Online Services.</p>
123	<p>An invalid translation rule has been found in the Adabas Vista configuration file.</p> <p><i>Action:</i> Check the rule using Adabas Vista Online Services.</p>
124	<p>An error in the record buffer was detected during processing of an OP command.</p>
126	<p>One of the following errors occurred while processing an S8 command:</p> <ul style="list-style-type: none"> ■ 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
	<i>Action:</i> Review the application program.
127	<p>One of the following errors occurred while processing an S2 command:</p> <ul style="list-style-type: none"> ■ An invalid sort sequence was specified. ■ An invalid ISN was detected during processing. ■ An error was detected during ISN processing. <p><i>Action:</i> Review the application program.</p>
128	<p>One of the following errors occurred while processing an S9 command:</p> <ul style="list-style-type: none"> ■ 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. <p><i>Action:</i> Review the application program.</p>
129	<p>The command limit defined for this source file has been exceeded.</p> <p><i>Action:</i> Review the command limit.</p>
131	<p>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.</p> <p><i>Action:</i> Review the Adabas response code.</p>
133	<p>One of the following errors occurred whilst processing a direction change during an L9 command sequence:</p> <ul style="list-style-type: none"> ■ 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. <p><i>Action:</i> Review the use of the L9 command and the Adabas Vista restrictions.</p>
134	<p>An S2 command to continue a sequence has been received. The sequence was not started by an S2 command.</p> <p><i>Action:</i> Amend the command sequence to process either all S1 commands, or all S2 commands, as appropriate.</p>
200	<p>ISN quantity is too high on this Sx command.</p>

Subcode	Meaning
	<i>Action:</i> Perform a more specific Sx .
201	<p>One of the following errors occurred while initializing AVIKRN:</p> <ul style="list-style-type: none"> ■ The dynamic load failed. ■ The version is not compatible. <p><i>Action:</i> Check the Adabas Vista installation procedures.</p>
250	<p>ISN error when issuing ACBX style RI shared-hold calls with ACBXCOP3 set to "S" .</p> <p><i>Action:</i> Check ISN usage on shared-hold commands.</p>
305	<p>An error has occurred while attempting to access an Extreme partitioned file.</p> <p><i>Action:</i> 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.</p>
496	<p>The session is not compliant with correct distributed transaction processing. Read <i>Transaction Directives</i>, in <i>Adabas Vista Programming Guidelines</i> for a more detailed explanation of this subcode.</p> <p><i>Action:</i> Adhere to correct distributed transaction processing.</p>
532	<p>This session has not complied with the correct transactional processing behavior when using the discrete file setting.</p> <p><i>Action:</i> Review the discrete file setting and ensure correct transactional processing.</p>
588	<p>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.</p> <p><i>Action:</i> Review usage of this option.</p>

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. <i>Action:</i> 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. <i>Action:</i> Contact your Software AG technical support representative.
3 (0x0003)	The S9 command is not supported on partitioned files. <i>Action:</i> Review the program logic.
4 (0x0004)	The F option for an L1 command is not supported on partitioned files <i>Action:</i> Review the program logic.
5 (0x0005)	The F option for a BT command is not supported. <i>Action:</i> 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. <i>Action:</i> Review the program logic.
7 (0x0007)	The maximum number of active command ID values has been reached. <i>Action:</i> 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. <i>Action:</i> Review the program logic.
9 (0x0009)	Adabas Vista is not compatible with the installed version of Natural, Adabas or Entire Net-Work. <i>Action:</i> Contact your Software AG technical support representative.
10 (0x000A)	The definitions for partitioned file do not exist. <i>Action:</i> Review the partition definitions in SYSAVI.
11 (0x000B)	The partitioning field does not exist in the FDT. <i>Action:</i> Review the partition definitions in SYSAVI.
12 (0x000C)	The field type in the partition definition does not match the field type in the FDT. <i>Action:</i> Review the partition definitions in SYSAVI.
13 (0x000D)	The type for the partitioning field is not suitable. <i>Action:</i> 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. <i>Action:</i> 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. <i>Action:</i> 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. <i>Action:</i> 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. <i>Action:</i> 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. <i>Action:</i> Review the program logic.
19 (0x00013)	The license is not valid for this operating system. <i>Action:</i> Contact your Software AG technical support representative.
20 (0x00014)	The license has expired. <i>Action:</i> Contact your Software AG technical support representative.
21 (0x00015)	The license file could not be found. <i>Action:</i> Contact your Software AG technical support representative.
22 (0x00016)	The license key is invalid. <i>Action:</i> Contact your Software AG technical support representative.
23 (0x00017)	The license is for a different version of the product. <i>Action:</i> Contact your Software AG technical support representative.
24 (0x00018)	The license is not for this product. <i>Action:</i> 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. <i>Action:</i> 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. <i>Action:</i> Ensure that the NUCID assignments are valid.
30	More than 32 NUCIDs were detected for the same SVC/DBID combination. <i>Action:</i> 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.

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
11	Unsupported ABD version
12	ACBX not accepted by target
13	Unable to convert ACBX to ACB

Subcode	Meaning
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. <i>Action:</i> 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. <i>Action:</i> 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: <ul style="list-style-type: none"> ■ 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.

5 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

6 APSPSX* - ADAECS or ADATCP Messages

The informational messages beginning with APSPSX are ADAECS (Conversion Services) or ADATCP (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 <i>file</i> protocol was successfully initialized.
Action	No action necessary for this informational message.

7 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 {timestamp}
Explanation	This warning message provides the date and time (<i>timestamp</i>) when the license will expire for this Software AG mainframe product.
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 (<i>cpuid</i>) 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 (<i>value</i>).
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 {timestamp}
Explanation	The product license has expired. The date and time it expired is given in the message (<i>timestamp</i>).
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 (<i>tagname</i>) 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 (<i>tagname</i>) 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 (<i>value</i>) 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 (<i>value</i>).
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 (<i>value</i>).
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 <i>yyyy-mm-dd</i> . 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 <code>Component Id</code> .
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 (<i>errorcode</i>) from the operating system.
Action	Correct the LICUTIL input, removing duplicate LICUTIL function calls. Check that the license module (<i>modulename</i>) 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 <i>modulename</i>).
MLC9009	DMS Error
Explanation	A DMS error occurred (only in BS2000 environments).
Action	Investigate the cause of the BS2000 DMS error. If you need assistance, contact your Software AG support representative.
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 <i>after</i> 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.

8

NETnnnn - Entire Net-Work Control Module Messages

Messages relevant to overall Entire Net-Work operation are listed below. Messages are either issued to the print data set or displayed at the operator console and logged to the print data set, as appropriate.

NET0001I:	Statement too long
Explanation	Entire Net-Work parameter statements, even though they may extend over multiple lines, may not be infinitely long. The current maximum for any one statement is approximately 4000 characters (not counting embedded comments). The statement in question is not interpreted; any statements following it are scanned for errors; session initialization is aborted after all statements have been read. Note: Errors reported in subsequent statements may result from this error.
Action	Try to abbreviate some keywords or eliminate some unnecessary blanks from the statement.
NET0002I:	Invalid statement: {aaaaaaaa}
Explanation	The statement verb, <i>aaaaaaaa</i> , is not one of those recognized by Entire Net-Work (NODE, DRIVER, or LINK). The statement in question is not interpreted; any statements following it are scanned for errors; session initialization is aborted after all statements have been read. Note: Errors reported in subsequent statements may result from this error.
Action	Ensure correct coding of recognized statements; you may have coded a comment or a continuation line incorrectly.

NET0003I:	Invalid keyword: {aaaaaaaa}
Explanation	<p>A keyword parameter was coded (<i>aaaaaaaa</i>), that is not recognized in this statement.</p> <p>The statement in question is not interpreted beyond this point; it and any statements following it are scanned for errors; session initialization is aborted after all statements have been read.</p> <p>Note: Errors reported in subsequent statements may result from this error.</p>
Action	Ensure correct coding of recognized keywords; note that the set of valid keywords is likely to be different between access methods, and between DRIVER and LINK statements of the same access method.
NET0004I:	Invalid value for keyword: {aaaaaaaa nnn}
Explanation	<p>There are certain constraints on valid values for some keyword parameters, such as:</p> <ul style="list-style-type: none">■ numeric values■ hexadecimal values■ YES or NO only, etc. <p>In this case, parameter <i>aaaaaaaa</i> was not correctly specified. The <i>nnn</i> value in the message is specified for multiple value parameters only; if given, it specifies the position of the subparameter in error.</p> <p>The statement in question and any statements following it are scanned for errors; session initialization is aborted after all statements have been read.</p>
Action	Refer to the section <i>Entire Net-Work Parameter Statements</i> in <i>Entire Net-Work Reference</i> for the allowed parameter values.
NET0005I:	Duplicate NODE statement
Explanation	<p>More than one NODE statement was coded in the parameter data set.</p> <p>The statement in question is not interpreted. Any statements following it are scanned for errors. Session initialization is aborted after all statements have been read.</p> <p>Note: Errors reported in subsequent statements may result from this error.</p>
Action	Eliminate all but one of the NODE statements from the parameter data set.
NET0006I:	Invalid driver name: {aaaaaaaa}
Explanation	<p>The value <i>aaaaaaaa</i> is not a valid line driver name.</p> <p>The statement in question is not interpreted; any statements following it are scanned for errors; session initialization is aborted after all statements have been read.</p> <p>Note: Errors reported in subsequent statements may result from this error.</p>

Action	For the valid name, see the documentation for the Simple Connection Line Driver in <i>Entire Net-Work Administration</i> .
NET0007I:	Duplicate {aaaaaaa} DRIVER statement
Explanation	More than one DRIVER statement was coded for the access method aaaaaaa. The statement in question is not interpreted; any statements following it are scanned for errors; session initialization is aborted after all statements have been read. Note: Errors reported in subsequent statements may result from this error.
Action	Eliminate any extraneous DRIVER statements from the parameter data set.
NET0008I:	{aaaa} Driver not available
Explanation	The NET <code>aaaa</code> line driver module could not be loaded from your libraries. This is either due to an error in specifying the line driver name, or the line driver is not installed in your libraries. The statement in question is not interpreted; any statements following it are scanned for errors; session initialization is aborted after all statements have been read. Note: Errors reported in subsequent statements may result from this error.
Action	Ensure that the driver NET <code>aaaa</code> is available and installed correctly, verify correct spelling, or check your JCL for correct library specifications.
NET0009I:	More than {nn} values for keyword: {aaaaaaa}
Explanation	More values than expected were coded for the multiple-value keyword parameter <code>aaaaaaa</code> . The value <code>nn</code> is the maximum number of values permitted by the definition of the parameter. The statement in question and any statements following it are scanned for errors; session initialization is aborted after all statements have been read. Note: Errors reported in subsequent statements may be caused by this error.
Action	Refer to the section <i>Entire Net-Work Parameter Statements</i> in <i>Entire Net-Work Reference</i> for the allowed parameter values.
NET0010I:	Required parameter not specified: {aaaaaaa nnn}
Explanation	The keyword or positional parameter <code>aaaaaaa</code> was either incorrectly specified or was missing. The value <code>nnn</code> is specified for multiple value parameters only; if given, it specifies the position of the missing subparameter. The statement in question and any statements following it are scanned for errors; session initialization is aborted after all statements have been read.

Note: Errors reported in subsequent statements may be caused by this error.

Action Refer to the section *Entire Net-Work Parameter Statements* in *Entire Net-Work Reference* for the allowed parameter values.

NET0011I: EOF found before end of statement

Explanation The last statement line found before the end of the data set indicated that a continuation line was to be expected.

The Entire Net-Work session is terminated abnormally.

Action Correct the parameter statement.

NET0012I: Adabas library is not Y2K ready

Explanation This message informs you that your Adabas library does not provide year 2000 support.

None. This message is informational only.

Action If you want Year 2000 compliance, upgrade the Adabas installed on your system to Version 6.2 SP1 or later or use the WAL library provided with Entire Net-Work.

NET0013I: Buffer pool init failed, RC={nn}

Explanation The Entire Net-Work Buffer Pool Manager failed to set up the buffer pools as specified in the BUFFERS keyword parameter on the NODE statement.

Return codes of 20 and 24 indicate that the required amounts of memory were not available; other values indicate possible internal errors, and should be reported to your Software AG technical support representative.

The Entire Net-Work session is terminated abnormally.

Action Correct the condition that caused the buffer pool failure (provide enough storage in the partition or address space, provide enough real storage to permit page-fixing the page-fixed buffer pool, or consider reducing the buffer pool sizes). On BS2000 systems, check the address space limit by calling SHOW-USER-ATTRIBUTES and, if necessary, increase it using MODIFY-USER-ATTRIBUTES from a privileged user ID.

NET0014I: Control block space unavailable

Explanation A storage request for permanent control blocks failed. Permanent control blocks describing the network topology are not allocated from the buffer pools but obtained from the operating system instead.

The Entire Net-Work session is terminated abnormally.

Action Provide more storage in the partition or address space.

NET0015I:	{aaaa} Driver init failed (RC={nn})
Explanation	<p>Line driver initialization failed; an explanatory message should have been issued by the line driver. The return code (nn) is access method dependent; it may relate to possible internal errors.</p> <p>The statements following this DRIVER statement are scanned for errors; session initialization is aborted after all statements have been read.</p> <p>Note: Errors reported in subsequent statements may be caused by this error.</p>
Action	Refer to the access-method-specific messages for corrective action. If an internal error is indicated, have a system dump and any other documentation available and contact your Software AG technical support representative.
NET0016I:	{aaaa} Driver not previously initialized
Explanation	<p>A LINK statement referred to the access method <i>aaaa</i>, but either a DRIVER statement for <i>aaaa</i> was not specified, the specified line driver could not be loaded, or the driver initialization failed. Note that the DRIVER statement must appear before the LINK statement.</p> <p>The statement in question and any statements following it are scanned for errors; session initialization is aborted after all statements have been read.</p> <p>Note: Errors reported in subsequent statements may be caused by this error.</p>
Action	Ensure that a DRIVER statement is before the LINK statement and that the LINK statement specifies the correct DRIVER statement name.
NET0017I:	Duplicate link name: {aaaaaaaa}
Explanation	<p>The names of all links on a node must be unique.</p> <p>The statement in question and any statements following it are scanned for errors; session initialization is aborted after all statements have been read.</p> <p>Note: Errors reported in subsequent statements may be caused by this error.</p>
Action	Assign unique link names to all LINK statements on the node.
NET0018I:	ADAMPM call {nn} failed
Explanation	<p>An error occurred during interregion processing. Most likely, ADAMPM has also issued a NETM_{xx} message to explain the problem; otherwise, an internal system error occurred. The call type is specified as <i>nn</i>.</p> <p>The Entire Net-Work session is terminated abnormally.</p>
Action	Refer to the section ADAMPM Messages for details. If a system error occurred, have a system dump and any other documentation available, and contact your Software AG technical support representative.

- NET0019I: Command queue space unavailable**
Explanation The storage request for the command queue (request queue) failed. The amount of storage necessary is (NC+1)*192 bytes, where NC is the value of the NC parameter in the ADARUN statement.
 The Entire Net-Work session is terminated abnormally.
Action Provide more storage in the partition or address space or reset the NC parameter value. Note that the amount of storage required for the command queue is usually small compared to the overall storage requirements of Entire Net-Work.
- NET0020I: Unresolved VCONS in driver module**
Explanation An internal error occurred; an incorrect line driver module was probably loaded.
 The Entire Net-Work session is terminated abnormally.
Action Have the storage dump and/or dumps of the Entire Net-Work modules available, then contact your Software AG technical support representative.
- NET0021I: Unexpected event indicator: {xxxxxxx}**
Explanation An internal error occurred; an incorrect line driver module was probably loaded.
 The Entire Net-Work session is terminated abnormally.
Action **NET0022I: ACM work buffer shortage**
Explanation The access method working storage requests could not be satisfied by the line driver. This typically indicates an insufficient asynchronous buffer pool size.
 The Entire Net-Work session is terminated abnormally.
Action Check the buffer pool statistics printed at the end of the session, provide more storage in the asynchronous buffer pool.
 For BS2000 systems running TCP/IP with subtask NETTCP, the ADARUN CMSIZE parameter and possibly the address space size need to be increased.
 Have the storage dump and/or dumps of the Entire Net-Work modules available, then contact your Software AG technical support representative.
- NET0023I: NODE statement missing**
Explanation A NODE statement must be given as the first parameter statement.
 The Entire Net-Work session is terminated abnormally.
Action Code an appropriate NODE statement as the first parameter statement. For more information, see the section *Entire Net-Work Parameter Statements* in *Entire Net-Work Reference*.

NET0024I:	No driver loaded
Explanation	After initialization, the number of successfully initialized line drivers is zero. With no active line drivers, there is no point in continuing the Entire Net-Work session. The Entire Net-Work session is terminated abnormally.
Action	Verify that all line drivers and their environments have been installed correctly, and that all DRIVER statements have been coded accordingly.
NET0025I:	Trace table init failed, RC={nn}
Explanation	The requested trace table could not be initialized. RC=4 indicates that not enough storage was available; any other value indicates an internal error. The system continues to run, but with tracing disabled.
Action	If RC=4, either try to run with a smaller trace table or provide a larger partition or address space. If <i>nn</i> is other than 4, contact your Software AG technical support representative.
NET0026I:	Initialization failed
Explanation	This is an informational message only, specific error conditions are described in preceding messages. The Entire Net-Work session is terminated abnormally.
Action	Refer to the preceding messages for the reasons for the failure.
NET0027I:	Handshake buffer shortage (RC=nn)
Explanation	There were not enough short-term buffers available to sustain the handshake process. It is highly unlikely that the present amount of buffer space is adequate to handle any message traffic. Return code values other than 4 or 8 may indicate an internal problem and should be reported to your Software AG technical support representative. The Entire Net-Work session is terminated abnormally.
Action	Provide more storage in the short term (or possibly the page-fixed) buffer pool, according to the buffer pool statistics provided.
NET0028I:	Message buffer shortage
Explanation	There were not enough short-term buffers available to handle message traffic. The Entire Net-Work session is terminated abnormally.
Action	No action is usually required for this mainly informational message. If followed by a NET017I Disconnect message, there is a buffer pool shortage. Provide more storage

in the asynchronous buffer pool. In BS2000 systems running a TCP/IP subtask, increase the CMSIZE ADARUN parameter and possibly the address space size.

NET0029I: **B1: Target {xxxxx} init on unknown node {yyyyy}**
Explanation A B1 broadcast message was received from an unknown node. This indicates an error condition in the internal network tables.

None. This message is informational only. The Entire Net-Work session continues operation.

Action If this message occurs repeatedly, attempt to locate inconsistent Entire Net-Work descriptions. Report the problem to your Software AG technical support representative.

NET0031I: **Invalid log parameter**
Explanation The value specified for the LOG keyword on the NODE statement or the SET operator command was invalid.

The erroneous parameter is ignored. Processing continues normally.

Action Use the SET operator command to specify the correct LOG parameter value.

NET0032I: **Excessive ECB count in driver {aaaa}**
Explanation An internal error occurred; an incorrect module was probably loaded as line driver NET`aaaa`.

The Entire Net-Work session is terminated abnormally.

Action Have the storage dump and/or dumps of the Entire Net-Work modules available, then contact your Software AG technical support representative.

NET0033I: **{aaaa} driver requires page-fixed buffers**
Explanation The access method `aaaa` requires a page-fixed buffer pool in order to function in your operating system configuration.

The line driver initialization is aborted. The system may continue operating if other line drivers are active.

Action Use the BUFFERS parameter on the NODE statement to specify a page-fixed buffer pool. For more information, see the section *Entire Net-Work Parameter Statements* in *Entire Net-Work Reference*.

NET0034I:	Unsupported version of ADAIOR. NETWRK terminating
Explanation	An unsupported version of Adabas or the WAL library is being used.
Action	Supply the appropriate Adabas or WAL libraries.
NET0035:	Isolated target {targetid} cannot be accessed from this node
Explanation	The <i>targetid</i> specified in the message cannot be handled because its value is greater than 255. This should only happen when Entire Net-Work is using an unsupported release of the WAL component. This target is unavailable to this node.
Action	Verify that the Entire Net-Work node that issued this message is using a supported version of WAL.
NET0036I:	{rrrrrrrr mmmmmmmmmmm nnnnnnnnnnn }
Explanation	This message is issued in response to operator command DISPLAY STATS EXTENDED. It lists statistics for internal Entire Net-Work service routines.
Action	No action is required. This message is for Software AG use only.
NET0037I:	{module} ({yyyy-mm-dd} SP={ss}) ZAP LEVEL {zzzz}
Explanation	This message is issued in response to operator command DISPLAY ZAPS. For each Entire Net-Work module (<i>module</i>), its name, assembly date, system maintenance level, and zap level are displayed. If zaps were applied after initial shipment, their numbers are listed as 'Additional Zaps'.
Action	No action is required for this informational message.
NET0038I	{module}: NETWRK Date {yyyy-mm-dd}, Version: {vv}.{rr}, SP {ss}, Base WM{nnnnnn}
Explanation	This message is issued in response to operator command DISPLAY ZAPS. For each Entire Net-Work module (<i>module</i>), its name, Entire Net-Work version number, system maintenance level, and Entire Net-Work base level are displayed.
Action	No action is required for this informational message.
NET0039I:	{module}, NETSAF version is invalid, shutdown
Explanation	The NETSAF module version is invalid or the NETSAF module is not available; <i>module</i> is the name of the module issuing the message. Entire Net-Work will shut down following this message.
Action	Save the DDPRINT and contact your Software AG technical support representative.

- NET0040I:** **Get NETSAF work area failed for link {xxxxxxx}**
Explanation An attempt to obtain buffer pool storage for the NETSAF work area failed for link xxxxxxxx. Security authorization cannot be performed without this work area, so the link is disconnected.
Action The failure may be due to a buffer pool shortage. Check the buffer pool statistics. In BS2000 environments (running Sockets 2.1 or earlier), you may need to increase the value of the buffer pool parameters. In other environments, you may need to increase the region size.
- NET0041I:** **NETRCV buffer shortage, NET-WORK terminating**
Explanation NETRCV was unable to get the necessary storage. Entire Net-Work will shut down following this message.
Action Save the DDPRINT and the DUMP, if available, and contact your Software AG technical support representative.
- NET0042I:** **Local target {nnnnnn} active**
Explanation This message is issued for each new target that becomes activated when Entire Net-Work is active.
Action No action is required for this informational message.
- NET0043I:** **Local target {nnnnnn} inactive**
Explanation This message is issued for each new target that becomes deactivated when Entire Net-Work is active.
Action No action is required for this informational message.
- NET0044E:** **License verification failed. Net-Work terminating**
Explanation The Entire Net-Work license could not be checked or is invalid. Entire Net-Work will be terminated. See other messages for details of the license error which has occurred.
Action Investigate the cause of the error and rerun the job. If problems persist, contact your Software AG technical support representative for assistance.
- NET0045I:** **NET-WORK running in WCA mode**
Explanation Entire Net-Work is running in Entire Net-Work Administration mode.
Action No action is required for this informational message.

NET0051I:	Nucleus extension {xxxxxxx} not found
Explanation	The module xxxxxxxx has not previously been loaded as a nucleus extension. Entire Net-Work terminates the initialization process.
Action	Ensure that Entire Net-Work is being started properly. The NUCXTNTS EXEC must be run before Entire Net-Work is started.
NET0052I:	Invalid LOGSIZE value; LOGSIZE set to 32000
Explanation	A value greater than 32000 has been specified for the LOGSIZE parameter. The valid range is 0 - 32000. The value is set to 32000 and Entire Net-Work continues.
Action	Specify a valid LOGSIZE value.
Module	NETWRK
NET0060I:	Running without zEDC Compression Support.
Explanation	Initialization of IBM's System zEnterprise Data Compression (zEDC) services was not requested.
Action	To activate zEDC support, the NODE parameter ZEDC must be set to "Y".
NET0061E:	Unable to Initialize Compression Support. Module NETZEDC not available.
Explanation	Entire Net-Work mainline could not find an entry for module "Netzedec".
Action	Verify that Entire Net-Work's module "Netzedc" is available. If the problem persists, contact your Software AG technical support representative.
NET0062E:	zEDC Compression Support Successfully Initialized
Explanation	Initialization of IBM's System zEnterprise Data Compression (zEDC) services completed successfully.
Action	No action is required for this informational message.
NET0063E:	Unable to decompress message - zEDC not initialized
Explanation	A message destined for this node is zEDC compressed, but the message cannot be decompressed because zEDC compression services are not active. The message is discarded with message NET0151 , reason code 15, and the link is disconnected.
Action	Check for other messages identifying a problem with zEDC services and make appropriate corrections.

- NET0064E: Decompress failed; disabling decompression for this node**
Explanation An attempt to decompress a zEDC-compressed message failed. Decompression is disabled on this node, and the other nodes in the network are notified to no longer compress messages sent to this node. The failed message is returned to the caller with response code 224 (ADARSP224), subcode 1.
Action Verify that the z/OS system is at the right software and hardware levels. If the problem persists, contact your Software AG technical support representative.
- NET0086I: Invalid SNAP parameter: {xxxxxxx}**
Explanation A SNAP operator command was issued with an invalid additional parameter. Valid parameters are MAIN, MYBLK, TRACE, CURRMSG, UBQ, CQ, and BPH.
Action Re-issue the SNAP command with valid parameters. For more information, see the section *Entire Net-Work Operator Commands* in *Entire Net-Work Reference*.
- NET0087I: {nnnnnnnnnn} Requests from local RQ**
Explanation This is an informational message displaying the number of requests Entire Net-Work received from its local request queue (RQ) for transmission to other nodes.
- NET0088I: {nnnnnnnnnn} Requests for target {nnnnn} on node {aaaaaaaa}**
Explanation This is an informational message displaying the number of requests Entire Net-Work handled for target nnnnn.
 If aaaaaaaaa is the local node, the number specifies incoming requests, otherwise outgoing requests.
 This message is not displayed for targets with a message count of zero.
- NET0089I: {nnnnnnnnnn} Requests total for node {aaaaaaaa}**
Explanation This is an informational message displaying the number of requests that Entire Net-Work handled for all targets on node aaaaaaaaa.
 If aaaaaaaaa is the local node, the number specifies incoming requests, otherwise outgoing requests. This message is not displayed for nodes with a request count of zero.
- NET0090I: Buffer usage statistics**
Explanation This is an informational message that immediately precedes the NET0091 message.
Action Refer to the NET0091 message for more information.

NET0091I:	{resourcename}: {sizea} (= {nn.n }%) of {sizeb} K used
Explanation	At the end of each Entire Net-Work session, usage statistics (<i>sizea</i>) for major buffer pool resources are displayed; values are in Kbytes (1024-byte units, or <i>sizeb</i>), and fractional values are rounded to the next lower value; the percentages given provide a better measurement of buffer pool usage (request queue statistics are specified in the number of queue elements).
Action	Monitor buffer usage, and take corrective action if any of the usage figures are near 100%.
NET0092I:	{nnnnnnnnnn} node stack expansions performed
Explanation	The value provided by the MAXPATH keyword parameter on the NODE statement determines the size of the node stack in the message header, which in turn records the message's path through the network. Whenever a message path exceeds the capacity of the originally created node stack, the relay node detecting the condition has to expand the node stack by copying the message into another buffer. To avoid this overhead, specify a larger MAXPATH value on the originating node (not on the node that presents this message to alert you to the condition at session termination).
Action	If the number of node stack expansions becomes significant, try to identify the originating node and increase the MAXPATH value. A good look at the network topology is likely to provide all the necessary clues. For more information, see the section <i>Entire Net-Work Parameter Statements</i> in <i>Entire Net-Work Reference</i> .
NET0093I:	{nnnnnnnnnn} replies could not be routed
Explanation	This is an informational message giving the number of cases where a reply could not be routed to the user's node, probably because the node ended operation or became unreachable after the subject messages were sent. No provision is made to deliver the reply elsewhere. The reply is abandoned; the count in this message is the only remaining indication of the abandoned replies.
NET0094I:	{nnnnnnnnnn} messages were stranded
Explanation	This is an informational message. Stranded messages are user requests that could not be routed to the target node, but also could not be returned to the user to provide a response code because the user's node (or the only link to it) terminated or became unusable after the message was sent. Since there is nowhere else the messages could be delivered, they were abandoned. The count in this message is the only remaining indication of the abandoned messages.

NET0095I:	{nnnnnnnnnn} requests timed out (RSP224)
Explanation	This is an informational message displaying the number of times this Entire Net-Work node had to issue the response code 224 (ADARSP224) for message timeouts.
Action	If the number becomes significant, it indicates certain bottlenecks somewhere in the network. You should identify and eliminate these. Alternatively, increase the REPLYTIM parameter on the NODE Statement. For more information, see the section <i>Entire Net-Work Parameter Statements</i> in <i>Entire Net-Work Reference</i> .
NET0096I:	{nnnnnnnnnn} requests failed due to buffer shortage
Explanation	This is an informational message displaying the number of times this Entire Net-Work node had to issue the response code 220 (ADARSP220) for short term buffer shortage conditions.
Action	If the number becomes significant, increase the size of the short term buffer pool.
NET0097I:	NETWORK terminating due to parm errors
Explanation	This informational message is issued after all parameter statements have been read, indicating that due to previously listed parameter errors the session of Entire Net-Work is about to be terminated.
Action	No action is required. This message is informational only.
NET0098I:	Abnormal termination completed
Explanation	This is an informational message indicating that the abnormal termination procedures were completed successfully.
NET0099I:	Normal end of run
Explanation	This is an informational message indicating that the normal termination procedures were completed successfully.
NET0101I:	{aaaaaaa} driver open failed (RC={nn})
Explanation	The line driver <i>aaaaaaa</i> could not be opened. More specific messages should have been issued by the line driver. The return code (<i>nn</i>) is access method dependent. If this condition is detected during session initialization, Entire Net-Work will terminate abnormally; if it occurred during an attempt to re-open a line driver after access method failure (either manually by the START operator command or automatically based on the RESTART parameter values specified in the DRIVER statement), normal system operation continues - without the line driver in question.
Action	Refer to the related access-method-specific line driver error message for information on what condition caused this error. Correct the access method problem and issue a START operator command for the driver, or wait for the next RESTART to occur.

Under certain circumstances, you may have to stop and restart the Entire Net-Work session to make the line driver available.

NET0103I: Link {aaaaaaa} ({bbbb}) open failed (RC={nn})

Explanation The link *aaaaaaa* (of driver *bbbb*) could not be opened. More specific messages describing the link problem were probably issued by the line driver. The return code (*nn*) is access method dependent.

The system continues to run normally without the link.

Action Refer to the related line driver error message for information on the cause of this error. Rectify the access-method problem and issue a CONNECT operator command for the link, or wait for the next RESTART to occur. Under certain conditions you may have to stop and restart the Entire Net-Work session in order to make the link available.

NET0104I: Link {aaaaaaa} ({bbbb}) connect failed

Explanation The link *aaaaaaa* (for driver *bbbb*) could not be connected. More specific messages describing the link problem were probably issued by the line driver.

Note that this is an actual error condition. The normal operating case where one node tries to connect before the partner is available cannot cause this error.

The system continues to run normally without the link.

Action Refer to the access-method-specific error messages for information on the cause of this error. Correct the access method problem and issue a CONNECT operator command for the link, or wait for the next RESTART to occur. Under certain circumstances, you may have to stop and restart the Entire Net-Work session in order to make the link available.

NET0105I: All {aaaa} links closed by access method termination

Explanation The access method *aaaa* was terminated. Links using that access method can no longer function.

The system continues to run normally without the links.

Action When the access method becomes available again, use the operator commands START and CONNECT to restart the line driver and links involved. You may want to specify the RESTART parameters on the DRIVER or LINK statements to automate this process. For more information, see the section *Entire Net-Work Operator Commands* in *Entire Net-Work Reference*.

NET0106I: Link {aaaaaaaa} can't connect to node {bbbbbbbb} reason {rsn}

Explanation Handshaking could not be completed to node *bbbbbbbb* via link *aaaaaaaa* for the reason (*rsn*) given, which can be one of the following reasons:

Reason	Description
Inv(alid) link status	The link received a handshake request from the other side that conflicted with the current link status. A handshake error message is sent to the other node, rejecting the request.
Reject by node	A handshake request was rejected by the other node; this may be due to network conflicts (see below), in which case messages NET0108 and NET0109 are issued to describe the conflict; if no such messages appear, the problem is probably caused by an invalid link status on the other side (see above).
NETWORK conflict	Handshaking determined that conflicts exist between the network topologies as seen by this node and node <i>bbbbbbbb</i> ; therefore, a connection via link <i>aaaaaaaa</i> was not established. Messages NET0108 and NET0109 are also issued before this message, defining the conflicts. Note that the connection is physically functional, but cannot be used due to the conflicts.

The link is disconnected.

Action Remove the conflict from the network. This may require terminating and renaming a node, or terminating one or more targets with duplicate target IDs. Then use the CONNECT operator command to resume handshaking.

NET0107I: Link {aaaaaaaa} disconn. from node {bbbbbbbb}

Explanation The link *aaaaaaaa* was disconnected from node *bbbbbbbb* by one of the following events: node termination, a DISCONNECT operator command, certain types of link failures (described by related line driver messages), or a disconnect request from the other node due to one of these causes.

The system continues processing without the link.

Action If appropriate, try to reconnect the link with the CONNECT operator command. If the cause of the disconnect has not been corrected, the reconnect attempt will fail.

NET0108I: Conflict: target {nnnnn} on node {aaaaaaaa} and {bbbbbbbb}

Explanation Target IDs have to be unique throughout the network. If multiple targets with the same ID are detected during link connection, the link cannot be connected until the conflict is resolved. Message **NET0106** or **NET0306** is issued after all detected conflicts have been listed.

The link is disconnected.

Action Remove the conflict from the network by terminating targets with duplicate target IDs. Then use the CONNECT operator command to resume handshaking.

NET0109I:	Conflict: node {aaaaaaaa}
Explanation	Node names must be unique throughout the network. If multiple nodes with the same name are detected during link connection, the duplicate link cannot be connected. Message NET0106 or NET0306 is issued after all detected conflicts have been listed. The link is disconnected.
Action	Remove the conflict from the network by terminating and renaming the conflicting node(s). As an alternative, first try the PROBE operator command to verify if node aaaaaaaaa is actually active, then issue the CONNECT operator command to resume handshaking.
NET0110I:	Link {aaaaaaaa} connected to node {bbbbbbbb}
Explanation	Link <i>aaaaaaaa</i> was successfully connected to node <i>bbbbbbbb</i> . The function may have been initiated from either side. Normal processing continues, the newly connected link will be considered for message traffic.
NET0111I:	Link {aaaaaaaa} closed
Explanation	During Entire Net-Work termination, link <i>aaaaaaaa</i> was closed. Usage statistics for the link follow this message. After displaying the usage statistics, termination processing continues normally.
NET0112I:	{nn,nnn,nnn,nnn} msgs; BLK factor = {nnn.nn}
Explanation	This message details the number of messages and transmission blocks sent via the link and the blocking factor achieved. This last item is only displayed if BLOCKMSG=Y and STATBLK=Y are in effect for this link. This message is displayed as a result of the DISPLAY LINK operator command. With the Simple Connection Line Driver, this count is reset to zero (0) after link connect processing.
NET0113I:	{nn,nnn,nnn,nnn} {INPUT OUTPUT} throwbacks;
Explanation	This message is printed in conjunction with message NET0111 if throwbacks occurred. It is an indication that not enough message buffers (short term or page-fixed buffer pool) were available at some point during the session. The worst case figure specifies how often one individual message was thrown back.
Action	Check the buffer pool usage statistics; increase the appropriate buffer pool size to prevent future occurrences of this message.

NET0114I: Snap dump written to NETPRNT / DDPRINT
Explanation The SNAP output is written to NETPRNT if it is available; otherwise, the output is written to DDPRINT.

NET0115I: Operator command not recognized
Explanation The last operator command entered was not recognized by Entire Net-Work.
 The command is ignored.

Action For the correct syntax, see the section *Entire Net-Work Operator Commands* in *Entire Net-Work Reference*; then reissue the operator command.

NET0116I: Link {aaaaaaa} not found
Explanation An operator command was issued to act on link *aaaaaaa*, but no link with that name is defined.

The command is ignored.

Action To determine which links are defined, use the DISPLAY LINKS operator command, then reissue the corrected command.

NET0117I: Link {aaaaaaa} cannot be connected, STAT={sssss}
Explanation An operator command was issued to connect link *aaaaaaa*, but the link is in a state that does not allow connection (the link is probably already connected). STAT=*sssss* may be one of the following status codes:

Status Code	Description
NOTOPEN	The link is not open yet.
OPEN	The link is open.
CONSTA	The connection process started.
COPEND	The connection process is in waiting status.
COFAIL	The connection attempt failed.
CONN	The link requested is already connected.
HSERR	A handshaking conflict occurred.
HS1	First handshake message was sent.
HS2	Second handshake message was sent.
HSING	An interim status during handshake.
ACTIVE	Active for payload message traffic.
SUSPND	Connection process was suspended.
DISCRQ	Other party requested to be disconnected.
DISC	Successful disconnection completed.

The command is ignored.

NET0118I: Invalid RQE address in reply; detailed snap dump

Explanation

A reply was received for a user request originating at this node. The message header's pointer to this request's Request Queue Element (RQE) is invalid. This is probably an internal error. A possible valid cause for this condition could be that the node was terminated and restarted while the message was under way in the network.

The message in error is dumped to the printer data set for diagnostic pureness and then discarded. A user waiting for this reply is timed out with response code 224 (ADARSP224).

Action

If a node restart did not cause the message, have the printout (as well as any other related information) available, and contact your Software AG technical support representative.

NET0119I: Reply cannot be matched to; user={userid}

Explanation

A reply to user `userid`'s message has arrived, but the user no longer owns the request queue element (RQE) associated with the dialogue. This might be caused by the user program terminating abnormally or by a timeout condition due to the `REPLYTIM` parameter on the `NODE` statement. In either case, the user program that requested the reply is no longer waiting for it.

This condition is very similar to the 'USER GONE' error detailed in messages [NETM91](#), [NETM92](#), and [NETM93](#), which are described in the section *ADAMPM Messages*.

The message in error is discarded.

Action

To reduce the chance of this error, increase the `REPLYTIM` parameter value on the `NODE` statement to accommodate the longest transmission time that typically occurs in the network. For more information, see the section *Entire Net-Work Parameter Statements* in *Entire Net-Work Reference*.

NET0120I: {aaaa} Link {bbbbbbbb} to node {cccccccc} stat={ssssss}

Explanation

This message is issued in response to the `DISPLAY LINKS` operator command. `aaaa` specifies the access method for the link, `bbbbbbbb` is the link name from the `LINK` parameter statement, `cccccccc` is the name of the node on the other side of the link, and `ssssss` is the link status. Refer to the status code descriptions for [NET0117](#) explaining the meaning of the link status codes.

If the link is a TCPX link, the partner's TCP/IP address is displayed rather than the node name (`cccccccc` setting).

- NET0121I:** **Output queue: {nnnn}msgs, {mmmm} tr.blks**
Explanation This message is issued in response to the DISPLAY LINKS operator command unless both nnnn and mmmm are zero. It indicates a transmission backlog for the link.
- A small backlog is normally not an error condition, but a backlog that increases over time may indicate a problem with the link.
- Note that there are usually no messages in the input queue when operator commands are handled.
-
- NET0122I:** **Node {aaaaaaaa} ({bbbbbbbb}) dist {nnnnnn} ({lll}) via link {ccccccc}**
Explanation This message is issued in response to the DISPLAY NODES, DISPLAY PATHS, or PROBE operator command. The node name (*aaaaaaaa*) from the NODE parameter statement, the node ID (*bbbbbbbb*) or target ID of the communicator, the distance (*nnnnnn*) to the node (computed by adding all link weights along the path to the node), the number (*lll*) of links between this Entire Net-Work node and node *aaaaaaaa*, and the name of the first link (*ccccccc*) on the path are given in the message.
- See the WEIGHT parameter in the section *Entire Net-Work LINK Statement in Entire Net-Work Reference*) for more information about link weights.
- In the case of a DISPLAY NODES command, only the shortest path is shown; in this case, the local node is shown with the term LOCAL in place of the distance information.
- Either a DISPLAY NODES command specifying a node name or a PROBE command can cause 'INACTIVE' or 'NOT FOUND' to be displayed in place of the link information. For a DISPLAY PATHS command, all paths to all nodes are displayed; that is; each node is listed once for each link which has a path to it.
- The distance shown is the shortest path length via the link.
-
- NET0123I:** **Targets: {nnnnn},{mmmmm}, ... j NONE**
Explanation This message is issued in response to the DISPLAY NODES operator command. It lists the IDs of all targets currently active on the node named in the preceding message [NET0122](#); the communicator's ID is not listed again in this message. The term NONE indicates that no targets except the communicator are active on that node.
-
- NET0124I:** **Target {nnnnn} ({tt} - {tr}) LOCKED | ACTIVE | INACTIVE on node {aaaaaaaa}**
Explanation This message is issued in response to the DISPLAY TARGETS operator command or at Entire Net-Work startup. All targets that were ever active in the network are listed. The target ID (*nnnnn*), the target type (*tt*), and the name of the node (*aaaaaaaa*) on which the target is or was active are given in the message. The value of *tr* is T if the target uses Adabas Version 7 translation or N if it does not.

At Entire Net-Work startup, this message is issued only for the local target; remote targets will not be displayed.

Inactive targets are shown on the node where they were last active. The following table contains the possible target types:

Target Type Code	Description
A	Anchor (e.g., Natural Global Buffer Pool)
c	Client-only Element
C	Communicator (Entire Net-Work)
I	Global isolated database
L	Local isolated database
N	Non-database target (ACCESS)
T	Translation / UES-enabled database
V	Adabas Cluster Services database

NET0125I: No active paths

Explanation

This message is displayed in response to a DISPLAY PATHS operator command when no paths are currently active.

NET0126I: No links found

Explanation

This message is displayed in response to a DISPLAY LINKS operator command when no links have been defined or no links match the qualifier specified.

Note: Although it may seem pointless to have a communicator active with no links defined, a DRIVER statement specifying ACCEPTUI=YES could be used to generate links dynamically when other nodes attempt to connect.

NET0127I: SET command accepted

Explanation

This message is displayed to acknowledge a SET operator command.

NET0128I: Entire Net-Work terminating target{nnnnn} due to

Explanation

Entire Net-Work usually prevents concurrent sessions by more than one target with the same ID. If targets with the same ID are started simultaneously on different nodes, the condition is recognized as soon as the broadcast messages meet.

All targets with the same ID are terminated by their respective communicators, and this message is displayed on the operator consoles.

Action

One of the conflicting targets may be started again.

NET0129I:	{aaaa} driver opened
Explanation	This message acknowledges the successful execution of a OPEN driver (or START driver) operator command. <i>aaaa</i> defines the access method of the driver that was restarted.
NET0130I:	{aaaa} driver not opened
Explanation	The CONNECT link operator command could not be executed because the associated line driver was not open. <i>aaaa</i> is the access method of the line driver. The command is ignored.
NET0131I:	{aaaa} driver already open
Explanation	The START driver operator command could not be executed because the line driver is already open. <i>aaaa</i> is the access method of the line driver. The command is ignored.
NET0133:	Invalid trace argument: {aaaaaaaa}
Explanation	An invalid argument <i>aaaaaaaa</i> was given for either the TRACE, TRON or TROFF parameter on the NODE statement or on a SET operator command. Valid trace arguments are 'MAIN' for the control module, 'BPM' for the buffer pool manager, "TQM" for the Transmission Queue Manager, and "RQM" for the Receive Queue Manager as well as the access method names of all loaded line drivers. For more information, see the section <i>Entire Net-Work Parameter Statements</i> in <i>Entire Net-Work Reference</i> .
NET0134I:	No such target
Explanation	The target ID specified as an argument of a DISPLAY TARGETS operator command was either invalid, or does not exist. The command is ignored.
Action	Re-specify the command with a valid target ID.
NET0135I:	Probe for node {aaaaaaaa} ({nnnn.nnn} sec)
Explanation	A PROBE operator command was issued for node <i>aaaaaaaa</i> , and the resulting message was returned. PROBE messages are time-stamped to measure the time needed to communicate between the local node and node <i>aaaaaaaa</i> . The required time is displayed in <i>nnnn.nnn</i> seconds.

NET0136I: **Probe msg sent. User data length: {nnnnn}**
Explanation This message acknowledges a PROBE operator command and displays the length of the random user data sent (maximum length is 64512 bytes). Message [NET0135](#) is displayed when the PROBE reply is returned.

NET0137I: **Link {aaaaaaaa} connect initiated**
Explanation This is an informational message indicating that a connect request was issued for link *aaaaaaaa*. Further message will be displayed as the connection process progresses. If the partner node is not active some access methods may display appropriate messages, others may not.

The link is placed in 'Connect Pending' status; when all required actions by both nodes are completed, the link will be placed in 'Active' status and message [NET0110](#) will be displayed.

NET0139I: **{nn,nnn} {a} bytes sent; compression rate {nnn.nn }**
Explanation This is an informational message displaying the number of (uncompressed) bytes sent via this link and the compression rate that was accomplished. The multiplier character "a" may take on one of the following values:

Value	Description
blank	= bytes
K	= kilobytes
M	= megabytes
G	= gigabytes
T	= terabytes

NET0141I: **via node(s): {nodename}**
Explanation This message appears in response to a PROBE command if the node being probed is not directly connected; that is, it is reached via some other node. The message shows the relay node(s) used to complete the end-to-end connections.

NET0144I: **CSCI function not available**
Explanation A DISPLAY CSCI operator command was issued, but the NETCSI module is not linked to Entire Net-Work and is not available for dynamic load.

NET0145I:	Link {xxxxxxx} disabled
Explanation	This message is a confirmation message in response to a DISABLE operator command. For more information, see the section <i>Entire Net-Work Operator Commands</i> in <i>Entire Net-Work Reference</i> .
NET0146I:	Link {xxxxxxx} suspended
Explanation	This message is a confirmation message in response to a SUSPEND operator command. For more information, see the section <i>Entire Net-Work Operator Commands</i> in <i>Entire Net-Work Reference</i> .
NET0147I:	Link {xxxxxxx} is not active
Explanation	A SUSPEND operator command was issued for a link whose status is not active. Only active links can be suspended. For more information, see the section <i>Entire Net-Work Operator Commands</i> in <i>Entire Net-Work Reference</i> .
NET0148I:	Link {xxxxxxx} is not suspended
Explanation	A RESUME operator command was issued for a link that was not previously SUSPENDED. For more information, see the section <i>Entire Net-Work Operator Commands</i> in <i>Entire Net-Work Reference</i> .
NET0149I:	Link {xxxxxxx} resumed
Explanation	This message is a confirmation message in response to a RESUME operator command. For more information, see the section <i>Entire Net-Work Operator Commands</i> in <i>Entire Net-Work Reference</i> .
NET0150I:	'NODE DOWN' message sent
Explanation	This is the response to the Entire Net-Work operator command FORCE node. For more information, see the section <i>Entire Net-Work Operator Commands</i> in <i>Entire Net-Work Reference</i> .
NET0151I:	Invalid NET-WORK message on link {xxxxxxx} (reason={nn})
Explanation	A message was received on link <i>xxxxxxx</i> that violates the internal Entire Net-Work message protocol. The reason code (<i>nn</i>) indicates the type of error detected, as follows:

Reason Code	Description
1	Invalid message header
2	Invalid control message
3	Invalid probe message
4	Invalid probe reply
5	Message length exceeds 16 megabytes
6	Invalid distribution list pointer
7	Invalid node name reported in message
8	Target number zero reported in message
9	Target list exceeds message length
10	Node list exceeds message length
11	Invalid extra buffers in control message
12	Buffer space exhausted
13	Message header invalid or not specified
14	NETZEDC returned a non-zero return code when attempting to decompress a zEDC-compressed message.
15	A zEDC-compressed message was destined for this node, but zEDC services are not available.

A hexadecimal dump of the message is written to DDPRINT, and link `xxxxxxx` is disconnected.

Action Retain all related information and contact your Software AG technical support representative.

NET0153I: **PARMS: {link parameters }**

Explanation This message is issued in response to operator command DEFINE LINK. It lists the parameters initially in effect for the new link. For more information, see the section *Entire Net-Work Operator Commands* in *Entire Net-Work Reference*.

NET0154I: **Link {xxxxxxx} user exit detected on partner system**

Explanation A message was received on link `xxxxxxx` that was manipulated by a user exit on the sending Entire Net-Work node. A corresponding user exit was not defined on this Entire Net-Work node.

The link is disconnected.

Action Ensure that the adjacent Entire Net-Work nodes both have a user exit defined, or delete the user exit on the other side.

NET0155I:	Operator command: {hex-cmd-from-remote-node}
Explanation	This message displays the operator command issued using the Programmable Command Interface (PCI) from the remote node. The command is shown on the line immediately following this message.
Action	No action is required for this informational message.
NET0170E:	Verify argument not valid
Explanation	A non-numeric or out of range(1-65535) target ID was specified for the VERIFY operator command.
Action	Correct the VERIFY operator command input
NET0171I:	Verify target {target-id} already active
Explanation	The target to be verified and listed in the message (<i>target-id</i>) is in the network and is active.
Action	No action is required for this informational message.
NET0172I:	Verify target {target-id} not in this Net-Work
Explanation	The target to be verified and listed in the message (<i>target-id</i>) is not in this network.
Action	No action is required for this informational message.
NET0174I:	Verify target {target-id} is relocatable or virtual
Explanation	The target to be verified and listed in the message (<i>target-id</i>) is relocatable or virtual.
Action	No action is required for this informational message.
NET0175I:	Current CQ Cmd={cmd},Db={dbid},File={fn},Len={nnnnnn},Seq-Nr={rrr} Time={ss} sec ago,Job='{jobname}',TID={tid},Active -- {yy} CQEs displayed
Explanation	This message is issued in response to the DISPLAY CQ operator command. The command name (<i>cmd</i>), DBID (<i>dbid</i>), file number (<i>fn</i>), length (<i>nnnnnn</i>), sequence number (<i>rrr</i>), seconds (<i>ss</i>), job name (<i>jobname</i>), terminal ID (<i>tid</i>), status, and total number of CQEs (<i>yy</i>) are listed in the message.
Action	No action is required for this informational message.

NET0177I:	CQE Seq-Nr={num},Status={status} Addr={cqeaddr},Cmd={cc},Db={dbid},File={fn},Len={length} Bin/out=x{nnnn},Flags=x{yyyy},AB={abaddr},UB={ubaddr} Job='{jobname}',TID={tid} Uid={uid} Time={stcktime}; {ss} sec ago
Explanation	This message is issued in response to the DISPLAY CQE operator command. For the specified command sequence number, the following are listed in the message: the command sequence number (<i>num</i>), status (<i>status</i>), address of the CQE, command code (<i>cqeaddr</i>), database and file numbers (<i>dbid</i> and <i>fn</i>), length of attached buffers (<i>length</i>), buffer in/out flags (<i>nnnn</i>), CQE flags (<i>yyyy</i>), address of the attached buffers (<i>abaddr</i>), address of the user buffer (<i>ubaddr</i>), job name (<i>jobname</i>), terminal identifier (<i>tid</i>), user ID (<i>uid</i>), the time in STCK format (<i>stcktime</i>), and the age in seconds (<i>ss</i>).
Action	No action is required for this informational message.
NET0178I:	UBQ Cmd={cmd},Db={dbid},Fnr={fn},Checksum={cksum} Addr={ubaddr},Flags={ubflags},Job={jobname},time ago={sec} Uid={userid} -- {yy} UBs displayed
Explanation	This message is issued in response to the DISPLAY UBQ operator command. The command name (<i>cmd</i>), DBID (<i>dbid</i>), file number (<i>fn</i>), Checksum (<i>cksum</i>), user buffer (UB) address (<i>ubaddr</i>), UB flag and flag1 (<i>ubflags</i>), job name (<i>jobname</i>), time elapsed since the command was sent, in seconds (<i>sec</i>), 28-byte user ID in hexadecimal (<i>userid</i>), and total number of CQEs (<i>yy</i>) are listed in the message.
Action	No action is required for this informational message.
NET0179I:	UBQ - Queue empty
Explanation	This message is issued in response to the DISPLAY UBQ operator command when there are currently no user buffers (UBs) in the transmit queue.
Action	No action is required for this informational message.
NET0180I:	{nnnnn}{K G T} messages were compressed
Explanation	This message shows the number of messages that were successfully compressed with zEDC.
Action	No action is required for this informational message.

NET0181I:	{nnnnn}{K G T} bytes uncompressed data
Explanation	This message shows the total number of uncompressed bytes that were successfully compressed.
Action	No action is required for this informational message.
NET0182I:	{nnnnn}{K G T} bytes compressed data
Explanation	This message shows the total number of bytes of compressed data.
Action	No action is required for this informational message.
NET0183I:	{nnnnn}% compression rate
Explanation	This message shows the compression rate as a percentage.
Action	No action is required for this informational message.
NET0184I:	Uncompressed: {smallest-msg} {largest-msg} {avg-msg}
Explanation	This message shows size of the smallest and largest messages that were successfully compressed, and the overall average size of those messages before compression.
Action	No action is required for this informational message.
NET0185I:	Compressed: {smallest-msg} {largest-msg} {avg-msg}
Explanation	This message shows size of the smallest and largest messages after they were compressed, and the overall average size of those compressed messages.
Action	No action is required for this informational message.
NET0190I:	Node={nodename},Nodeid={nodeid},Host={hostname} {targetid}[(clnucid)]: {product code and version} {type},Jobname={jobname},Jobid={jobid}
Explanation	<p>This message is issued in response to the DISPLAY DETAIL operator command. It displays the network node name (<i>nodename</i>), the node ID (<i>nodeid</i>), and the host/LPAR name (<i>hostname</i>). The target number (<i>targetid</i>) and optional cluster nucleus ID (<i>clnucid</i>) are displayed as well as the product name and version number with which the target was started. The job name (<i>jobname</i>) and job ID (<i>jobid</i>) of the startup job are also shown.</p> <p>The target types (<i>type</i>) can be:</p> <ul style="list-style-type: none">■ Communicator - usually an Entire Net-Work;■ Database - a database accessible by Entire Net-Work;■ Isolated - usually a target accessible by Entire Net-Work;■ Local - A local database, not accessible by Entire Net-Work;■ Non-Database - not a database target;

	<ul style="list-style-type: none"> ■ Translator - a translation target, probably a UES database; or ■ Virtual - a target that has only registered with the Entire Net-Work.
Action	No action is required for this informational message.
NET0191I:	No target found
Explanation	This message is issued in response to the DISPLAY DETAIL operator command when there are currently no targets in the requested range to be displayed.
Action	No action is required for this informational message.
NET0240E:	Unknown NETPRNT request
Explanation	An invalid NETPRNT request was detected. The only requests currently supported are OPEN, CLOSE, and WRITE.
Action	This message indicates a logic problem in Entire Net-Work and should be reported to your Software AG technical support representative.
Module	NETDUMP
NET0241I:	NETPRNT file closed
Explanation	The NETPRNT file has been closed. All print output is sent to DDPRINT until this file is re-opened. While the file is closed it remains allocated, but it can be copied and re-opened.
Action	No action is required. This message is informational only.
Module	NETDUMP
NET0242I:	NETPRNT file opened
Explanation	The NETPRNT file has been opened. All print output is sent to the file allocated to the NETPRNT DD statement. If the file was allocated SHR or OLD, it contains no existing print records. If the file was allocated MOD, the new records are placed after the existing records.
Action	No action is normally required. However, if you are running in z/VSE and the file has an expiration date that has not been met, you will need to issue a DELETE or CANCEL operator command. If DELETE is issued, the file is overwritten and Entire Net-Work continues processing. If CANCEL is issued, Entire Net-Work terminates. And if the initial space allocation becomes exhausted, you will need to specify a secondary extent allocation.
Module	NETDUMP

NET0243E:	NETPRNT file open failed - using DD PRINT
Explanation	The NETPRNT file failed to open. This may be caused by a missing NETPRNT DD statement or some other allocation error. All output is sent to the DDPRINT file until the NETPRNT file can be successfully opened.
Action	Check the JOBLOG and SYSLOG for operating system messages that indicate the cause of the allocation failure.
Module	NETDUMP
NET0244E:	Write failed to NETPRNT file
Explanation	A WRITE to the NETPRNT file failed. The cause may be an out-of-space condition such as ABENDSD37 or other I/O error or short-on-storage condition (e.g., IOR failed to get the storage it needed). The NETPRNT file is closed and all output is sent to the DDPRINT file. It may be possible to re-open the NETPRNT file if it was allocated SHR. The data set should be copied before reopening because all records will be deleted.
Action	Check the JOBLOG and SYSLOG for operating system messages that indicate the cause of the I/O error.
Module	NETDUMP
NET0245E:	Write failed to NETPRNT file
Explanation	A CLOSE of the NETPRNT file failed. This is an internal logic error or I/O error. The NETPRNT file will be unusable until Entire Net-Work is brought down.
Action	Check the JOBLOG and SYSLOG for operating system messages that indicate the cause of an I/O error. If no I/O error can be found, report this to your Software AG technical support representative.
Module	NETDUMP
NET0246E:	LOGBUF SZ=0; log buffer not allocated
Explanation	The LOGBUF parameter is set "ON" and logging is active, but there is no log buffer available because the LOGBUFSZ parameter is set to "0". As a result, LOGBUF is turned off (set to "OFF").
Action	Specify a size for the LOGBUFSZ parameter and set the LOGBUF parameter to "ON" again.
NET0247E:	Failed to get log buffer storage
Explanation	An attempt to get the storage specified by the LOGBUFSZ parameter failed. As a result, LOGBUF is turned off (set to "OFF").
Action	Increase the amount of storage available to Entire Net-Work or specify a smaller value for the LOGBUFSZ parameter. In either case, set the LOGBUF parameter to "ON" again.

NET0250I:	Dump options {aaaaaaaa}
Explanation	This message lists the values specified for the DUMP parameter on the NODE statement. This message will also be seen as a reply to the SET DUMP operator command. For more information, see the section <i>Entire Net-Work Parameter Statements</i> in <i>Entire Net-Work Reference</i> .
Action	This is an informational message only and no action is required.
Module	NETMAIN
NET0251I:	Invalid dump options {aaaaaaaa}
Explanation	An invalid value was specified for the DUMP parameter on the NODE statement. The default value 'ALL' is used to dump all areas. This message may also be seen as a reply to an invalid SET DUMP operator command specification.
Action	Correct the DUMP parameter specification on the NODE statement before restarting Entire Net-Work (see the DUMP parameter in the section <i>NODE Statement Parameters</i>). A SET DUMP operator command can be used to specify the dump options for the currently running Entire Net-Work (see SET DUMP in the section <i>Entire Net-Work Operator Commands</i>). Both sections are in <i>Entire Net-Work Reference</i> .
Module	NETMAIN
NET0306I:	Disconnecting link {xxxxxxx} due to network conflict
Explanation	An Entire Net-Work conflict was detected in a control message received on link xxxxxxxx. The nature of the conflict is reported in preceding messages NET0108 , NET0109 , or NET0308.
	The link is disconnected.
Action	Follow the user action recommended in the description of the preceding message, i.e., NET0108, NET0109, or NET0308.
NET0308I:	NODEID on {xxxxxxx} in conflict with target {ttttt}
Explanation	An Entire Net-Work control message reported a node xxxxxxxx whose target ID is already active elsewhere in the network. This presents a network conflict, as target IDs must be unique throughout the network. Message NET0106 or NET0306 is issued after all detected conflicts have been listed.
	The link is disconnected.
Action	Remove the conflict from the network by either terminating target ttttt, or assigning a new unique target ID to node xxxxxxxx.

NET0322I:	Node {dddddd.aaaaaaa} ({bbbbbb}) dist {nnnnnn} (ll) via {ccccccc}
Explanation	This message replaces the corresponding form of NET0122 , when a node is listed that has a non-blank domain name. Also see the DOMAIN parameter in the section <i>NODE Statement Parameters</i> in <i>Entire Net-Work Reference</i> .
NET0328E:	Message buffer shortage. Sending deferred
Explanation	A message is to be sent on a link that has a user exit defined. There is not enough buffer space to provide a work area to the user exit. The message is not sent at this time. An attempt is made to free enough working storage. Sending the message is then tried again.
Action	Increase the size of the Short Term Buffer Pool to prevent future occurrences of this problem.
NET0333I:	{operator command - short description}
Explanation	Multiple messages NET0333 are issued in response to the HELP command. The available operator commands are listed with a short explanation of their function.
NET0334E:	ADAIOR function call {nnn} failed with RC={xxx}; terminating
Explanation	The ADAIOR function call named in the message failed with the return code given in the message. The values are displayed in decimal. This is a critical error; Entire Net-Work terminates. Probable causes are a storage shortage or incompatible version of the WAL data set.
Action	Determine if the problem is caused by a storage shortage or if there is an incompatibility with the WAL data set version and fix the problem. If neither of these conditions are causing the problem, contact your Software AG Customer Support representative.
NET0998I:	Entire Net-Work node {aaaaaaa} abnormal end
Explanation	This is an informational console message indicating that abnormal termination procedures have been started.
NET0999I:	Entire Net-Work node {aaaaaaa} terminating
Explanation	This is an informational console message indicating that normal termination procedures have been started.

NET1000I:	Entire Net-Work node {aaaaaaaa} active
Explanation	This is an informational console message indicating that the Entire Net-Work session has successfully completed initialization and is now ready for processing.
NET1001I:	Current date is {yyyy-mm-dd }
Explanation	This message is displayed on the operator console and on the Entire Net-Work log data set at the beginning and end of a session as well as just after midnight. It helps to identify the exact time and date of any events recorded in the log.
NET1002I:	NET-WORK node {xxxxxxx} active since {yyyy-mm-dd hh:mm:ss }
Explanation	This message is issued in response to the operator command DISPLAY STATS. It shows the startup date and time of the local node xxxxxxx.
NET1003I:	DBID {dbid} relocated from local node to {node}
Explanation	The database target identified in the message (<i>dbid</i>) was previously active on this Entire Net-Work node. The target has been relocated to the node identified in the message (<i>node</i>). This message is associated with Adabas Cluster Services and Adabas Parallel Services database ID targets. Relocation was done on behalf of a command issued by an Adabas nucleus.
Action	No action is required for this informational message.
NET1004W:	Link {linkname} zEDC compression not active; disabled
Explanation	ZEDC=Y was specified for this link, but ZEDC compression services are not available. zEDC compression is disabled for the link.
Action	Verify that the NODE parameter ZEDCINIT=Y was specified. Check for other error messages indicating that initialization of zEDC services failed and make appropriate corrections.
NET1005E:	Link {linkname} zEDC error limit exceeded; disabled
Explanation	The limit for the number of zEDC compression errors has been reached for the specified link. The limit is ten errors. To prevent a looping error condition, zEDC compression is disabled for the link.
Action	Check for other error messages and investigate the cause of those errors. Make appropriate corrections.

9

NETB* - Entire Net-Work Expandable Buffer Pool Messages

NETB001I:	STATISTICS FOR BUFFER POOL {nnnn} LOC = {llll}
Explanation	One of a group of messages generated in response to the DISPLAY STATS operator command or the end of an Entire Net-Work session. It provides the name of the buffer pool (<i>nnnn</i>) and the storage location (<i>llll</i>).
Action	No action is required. This message is informational only.
NETB004E:	LOAD FAILED FOR MODULE {xxxxxxxx}
Explanation	During buffer pool initialization, module <i>xxxxxxxx</i> could not be loaded and the buffer pool initialization was terminated.
Action	Contact your Software AG technical support representative.
NETB008I:	REQ = ({nnnnnnnn}, {xxxxxxxx}, {yyyyyyyy}, {zzzzzzzz})
Explanation	One of a group of messages generated in response to the DISPLAY STATS operator command or at the end of an Entire Net-Work session. It provides the number of successful (<i>nnnnnnnn</i>) and failed (<i>xxxxxxxx</i>) GET requests and the number of successful (<i>yyyyyyyy</i>) and failed (<i>zzzzzzzz</i>) FREE requests processed for a subpool within the buffer pool identified by the preceding NETB001I message.
Action	No action is required. This message is informational only.
NETB009I:	HIGH ALLC = {hhhhhhh} CURR ALLC = {ccccccc}
Explanation	One of a group of messages generated in response to the DISPLAY STATS operator command or the end of an Entire Net-Work session. It provides the highest storage allocation (<i>hhhhhhh</i>), the current storage allocation (<i>ccccccc</i>), and the current storage available (<i>aaaaaaa</i>) for the buffer pool identified in the preceding NETB001I message.
Action	No action is required. This message is informational only.

NETB010:	ELM = ({bbbbbbbb}, {hhhhhhh}, {ccccccc}, {lllllll}), Sz={sssssss}
Explanation	One of a group of messages generated in response to the DISPLAY STATS operator command or the end of an Entire Net-Work session. It describes an element for a specific subpool. It provides the base (<i>bbbbbbbb</i>), highest (<i>hhhhhhh</i>), current available (<i>ccccccc</i>) and lowest (<i>lllllll</i>) number of elements as well as the element size (<i>sssssss</i>) in bytes.
Action	No action is required. This message is informational only.
NETB011I:	STR = ({bbbbbbbb}, {hhhhhhh}, {ccccccc}, {lllllll}) K
Explanation	One of a group of messages generated in response to the DISPLAY STATS operator command or the end of an Entire Net-Work session. It describes the storage environment of a specific subpool. It provides the base (<i>bbbbbbbb</i>), highest (<i>hhhhhhh</i>), current available (<i>ccccccc</i>) and lowest (<i>lllllll</i>) storage allocations.
Action	No action is required. This message is informational only.
NETB012I:	EXP = ({nnnnnnnn}, {xxxxxxx}, {yyyyyyy}, {zzzzzzz})
Explanation	One of a group of messages generated in response to the DISPLAY STATS operator command or the end of an Entire Net-Work session. It describes the expansion within a subpool. It provides the number of times this subpool has expanded (<i>nnnnnnnn</i>), the maximum number of times it is allowed to expand (<i>xxxxxxx</i>), the current total number of expansions (<i>yyyyyyy</i>), and the highest number of expansions at any time (<i>zzzzzzz</i>).
	When <i>xxxxxxx</i> is equal to "1", unlimited expansions are allowed.
Action	No action is required. This message is informational only.
NETB013I:	COMBINED BUFFER POOLS SIZE {nnnnnnnn} K
Explanation	One of a group of messages generated in response to the DISPLAY STATS operator command or the end of an Entire Net-Work session. It describes the total size of the buffer pool, i.e., <i>nnnnnnnn</i> is the combined size of all subpools in all buffer pools belonging to Entire Net-Work.
Action	No action is required. This message is informational only.
NETB014I:	BUFFER POOL STARTING INTERNAL TRACING
Explanation	The buffer pool manager detected an invalid request and the error trace table was initialized.
	Beginning with this error, errors are traced in the error trace table until the error trace table is full (see message NETB015I).
Action	No action is required. This message is informational only.

NETB015I:	BUFFER POOL ERROR TRACING TABLE IS FULL
Explanation	The error trace table is full. Stops tracing errors in the error trace table.
Action	Issue the operator command SNAP to output the trace table information. The SNAP command will then automatically clear the contents of the error trace table so that error tracing can continue. Save the DDPRINT and contact your Software AG technical support representative.

10 NETE* - zEnterprise Data Compression (zEDC) Support

Messages

NETE001I:	IBM zEDC compression services interface active
Explanation	Initialization of IBM's system zEnterprise Data Compression (zEDC) services was successful.
Action	No action is required for this informational message.
NETE002E:	IBM zEDC compression services interface failed
Explanation	Initialization of IBM's System zEnterprise Data Compression (zEDC) services failed. Entire Net-Work was unable to load one or more zEDC support modules.
Action	Verify that the required zEDC modules are available for Entire Net-Work to load. If compression is not required, set the ZEDC LINK parameter to N.
NETE003E:	Cannot active zEDC compression services. LPAR Capabilities down level
Explanation	Entire Net-Work's invocation of IBM's zEnterprise Data Compression (zEDC) services "FPZARZV" indicated that the LPAR does not support zEDC compression.
Action	Contact your IBM support specialist if you want to use zEDC.
NETE004E:	Unable to LOAD IBM Compression Support Modules, Reason Code={nnnnnnnn}
Explanation	The Entire Net-Work module "Netzedc" was unable to load IBM's zEnterprise Data Compression (zEDC) services "FPZ4*".
Action	Verify that Entire Net-Work has access to the IBM's zEDC support modules FPZ4RZV,FPZ4PRB, FPZ4RMR, FPZ4DMR, FPZ4ABC and FPZ4URZ. If the problem persists, contact your Software AG technical support representative.

NETE005E: **Attempting to initialize previously initialized zEDC support interface**

Explanation The Entire Net-Work module "Netzedc" detected a second zEDC initialization call. Only one initialization invocation is allowed.

Action Contact your Software AG technical support representative for assistance.

11

NETInn - ADAIOR Messages

These Entire Net-Work system messages are identical to the corresponding ADAI nn messages documented in *Adabas Messages and Codes* documentation.

NETI02: GETMAIN {mmmmmmm} ({sssss})

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, *mmmmmmm* is the amount of memory requested; *aaaaaaa* is the amount of memory available; and *sssss* (printed only under z/VSE), is the source of the memory (GETVIS, COMREG, ADABUF).

NETI22: ADAIOR TRACE TABLE: --> IS CURRENT ENTRY

Explanation

This is an informational message that occurs when the ADAIOR TRACE TABLE is made active and printed.

NETI23: node-id jobname ABEND CODE code

Explanation

z/VSE or BS2000: This message indicates that Entire Net-Work requested cancellation. A dump is normally also provided. The value code corresponds to the user abend code. For more information, see the section [Entire Net-Work Abend Codes](#) in this manual. The value *jobname* is the z/VSE job name or BS2000 program name.

NETI24:	node-id 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 'node-id' is the target ID of the node.
Action	Enter a valid Entire Net-Work command.
NETI29:	OPER CMD: command
Explanation	z/VSE and BS2000: This message occurs in SYSLST as part of the session statistics during Adabas session termination. The value 'command' is the operator command last entered from SYSLOG.
NETI32:	node-id INTERNAL ERROR - FUNCTION {funcname} ERROR {error}
Explanation	An internal error has occurred in ADAIOR.
Action	Make a note of all recent messages, and contact your Software AG technical support representative.

12 NETM* - ADAMPM Messages

These Entire Net-Work system messages are identical to the corresponding ADAM_{nn} messages documented in *Adabas Messages and Codes* documentation.

NETM91:	{nodeid target} USER GONE JOB {jobname} USER ID {hexuserid}
Explanation	Entire Net-Work tried to process a user call, but the addressed data area was not addressable, or no longer contained recognizable data. This message occurred while Entire Net-Work was receiving the command (Router 08-CALL processing).
Action	The program was apparently canceled after issuing an Entire Net-Work command (Router- 04-CALL), perhaps due to a communication delay or timeout. Ending, abending, or canceling of the program should be avoided, if possible.
NETM92:	{nodeid target} USER GONE JOB {jobname} USER ID {hexuserid}
Explanation	Entire Net-Work tried to process a user call, but the addressed data area was not addressable, or no longer contained recognizable data. This message occurred while Entire Net-Work was posting the user after command completion (Router 12-CALL processing).
Action	The program was apparently canceled after issuing an Entire Net-Work command (Router 04-CALL), perhaps due to a communication delay or timeout. Ending, abending, or canceling of the program should be avoided, if possible.
NETM93:	{nodeid target} USER GONE JOB {jobname} USER ID {hexuserid}
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.
Action	Consider increasing the ADARUN CT time, or otherwise increase the resources for the user program. Avoid canceling or ending the user program, if this was done. If a

user program eventually issues a Router 16-CALL, a response code 254 (ADARSP254) also occurs.

NETM98: {nodeid} TARGET INITIALIZATION ERROR: {cause}

Explanation ADAMP was unable to establish interregion communication for the reason specified by *cause*, which is one of the following:

Cause	User Action
INTERNAL ERROR	Keep all dumps, messages, and other related information and contact your Software AG technical support representative.
NUMBER CQES (NC PARM)	Specify an NC parameter value between 1 and 32767.
INVALID ID (DA PARM)	Specify a TARGETID or DATABASE parameter value ranging 1 through 65535.
LENGTH IUB (LU PARM)	Specify an LU parameter value ranging 1 through 65535.
NO ID TABLE	The ID Table was not correctly initialized by ADASIP and/or ADASIR, which must be rerun.
DUPLICATE ID (LOCAL)	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.
ID TABLE FULL	The system already holds the maximum allowed number of ID Table entries (databases, Entire Net-Work nodes, Natural PROCESS nuclei, and so on) that can be simultaneously active. 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).
DUPL. COMMUNIC./TRANSL.	No more than one communicator and no more than one translator can be active simultaneously. Correct the problem and rerun the job.
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.
DUP ID ON NODE <i>nodeid</i>	In Entire Net-Work, target (database) IDs must be unique across all connected systems. Determine the conflicting targets having the specified node ID, and choose which is to be active under the specified ID. Duplicate target IDs

Cause	User Action
	cannot be active on systems connected with Entire Net-Work.
NUMBER ATTBUFS (NA-PARM)	The Attached Buffer count ('NAB' 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.
COMMUNICATOR RSP= <i>code</i>	An unexpected response code resulted from the sign-on call to the Entire Net-Work communicator. Refer to the Adabas documentation for a description of the response code. This message can also occur when the Adabas installation has not been completed for some reason.

NETM99: {nodeid} Entire Net-Work ABEND CODE {code} PSW {psw} {xxxxxxx} . . . {xxxxxxx} (R0-7) {xxxxxxx} . . . {xxxxxxx} (R8-F)

Explanation

Either a system or Entire Net-Work abend activated the abnormal termination routine. In MVS systems, the rightmost three digits of operating system abend codes are zeros. The system abend code is then quoted as the value formed by the next three digits to the left (00ccc000). Abend codes contained in the rightmost three digits (00000ccc) are Entire Net-Work abend codes. Note that system abend codes are usually quoted in hexadecimal; user abend codes (Entire Net-Work), although displayed here in hexadecimal, are usually quoted in decimal (this is also true for the 'abend code' section of this manual).

The message also displays the active program status word (*psw*) and the work register contents at the time of the abend. *psw* is the 16-character program status word and has the following format:

```
XXXXXXXX XXXXXXXX
```

where the rightmost six, or eight (XA systems) characters contain the instruction address at the time of the abend. The 16 register values (reg0 - regF) are the work register contents at the time of failure.

13

NETL* -- Licensing Messages

NETL000E:	Error opening license file (DDLIC)
Explanation	An error occurred opening the license file specified by the DDLIC statement.
Action	Omit the DDLIC statement and use the load module method of licensing instead.
NETL001E:	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.
NETL002E:	Error reading license file
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).
NETL003E:	Error license function {fx} subfunction {sfx} returned {err}
Explanation	An unexpected error occurred while performing the Entire Net-Work license check. The license function (<i>fx</i>), subfunction (<i>sfx</i>) and return code (<i>err</i>) are given in the message.
Action	Examine the Entire Net-Work startup JCL and verify that the Entire Net-Work license is available as load module NETLIC or is assigned with the link (DD) name DDLIC.

NETL004E:	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 Entire Net-Work startup job.
NETL006E:	License check failed
Explanation	The license file is physically correct, but some license property was found that did not match your Entire Net-Work execution environment. This is a final message, accompanied by another message specifying details of the failure. Entire Net-Work is started.
Action	Contact your Software AG sales representative to resolve the discrepancy between your license file and your execution environment.
NETL007I:	License check completed
Explanation	The license check completed successfully and Entire Net-Work is started.
Action	No action is required for this informational message.
NETL009W:	NETLIC license could not be loaded
Explanation	The NETLIC license module could not be loaded.
Action	Verify that the installation of the license file occurred correctly. For more information, read about the Entire Net-Work installation steps for your operating environment. If problems persist, contact your Software AG technical support representative for assistance.

14 NETP* - Simple Connection Line Driver Messages

The following are the categories used for operator messages for the Simple Connection Line Driver:

Message Range	Description
NETP000- NETP099	Non-API-related messages
NETP500 - NETP599	Connectivity Systems API-specific messages
NETP600 - NETP699	HPS API-specific messages
NETP700 - NETP799	OES API-specific messages
NETP800 - NETP899	Simple Connection Line Driver-specific messages

NETP040I: LINK {IIIIIII} HAS RESUMED PROCESSING

Explanation Link *IIIIIII*, which was previously suspended, has resumed processing as a result of the RESUME command.

Action None.

Module NWTCPGPC

NETP041W: PROCESSING ON LINK {IIIIIII} HAS BEEN SUSPENDED

Explanation Message processing has been suspended on link *IIIIIII* as a result of the SUSPEND command.

Action Issue the RESUME command to restart message processing when appropriate.

Module NWTCPGPC

NETP042W: INCORRECT LINK SPECIFIED IN COMMAND

Explanation An operator command was issued, however, the value specified for the link name was not "*", "#" or a valid link name. The command is ignored.

Action Reissue the command with a correct link name or a wild card value.

Module NWTCPPOP

NETP043I: TCP/IP COMMAND(S) ACCEPTED

Explanation An operator command was issued. The command passed initial parsing, that is, each subcommand was processed. The success or failure of a subcommand is independent of this message being issued.

Action None.

Module NWTCPPOP

NETP044I: LINK {lllllll} STATISTICS {xxxxxxx}

Explanation Statistics for link lllllll or the TCPI driver have been either printed or reset, as indicated by xxxxxxxx.

Action None.

Module NWTCPPOP

NETP046W: LINK {lllllll} NOT ALTERED, BAD CONFIGURATION PARAMETERS

Explanation An attempt to alter the active configuration for link lllllll or the TCPI driver has failed due to invalid parameter specifications in the command TCPI llllll ALTER xxxx, where llllll is a link name or a wildcard value and xxxx is one or more configuration keywords and parameters. The cause of the problem may be one of the following:

- A parameter specification contains a typographical or format error that makes the specification invalid.
- A value specified as the operand for a specific keyword is out of range, of incorrect format, or otherwise invalid.
- A keyword that is valid only when the link or driver is closed was specified when the link or driver was open.

Action If a keyword that is valid only when the link or driver is closed was specified, close the link or driver and reissue the command. Be aware that if the value specified for the RESTART parameter is too low, the link or driver may be automatically reopened after the CLOSE command is issued and before the ALTER command can be reentered. To prevent this, specify CLOSE (CL) in the command string immediately before the subcommand ALTER. For example:

```
TCPI linkname CL ALTER INETADDR=(127,0,0,1)
```

If the specified keywords are valid for the current state of the link or driver, verify that the keywords are spelled correctly, that all punctuation is correct, and that the operands are valid.

Module NWTCPPOP

NETP047I: LINK IIIIIII HAS BEEN MANUALLY {xxxxxx}

Explanation A TCPI command was issued to one or more links or to the TCPI driver, and the action identified by xxxxxx was taken as a result.

Action None.

NETP048I: LINK {IIIIII} {XXXXXXXXXXXXXXXXXXXXXXXXXXXX}

Explanation This message is issued in response to an operator command that was sent to link or driver 7777777. The link or driver name is followed by informational message text, which is one of the following:

Invalid State For Cmnd - The driver or link was in an invalid state (open) for the command to be executed.

Configuration Altered - The driver or link configuration was successfully updated.

Manual Open Failed - Open processing failed.

Connect In Progress - Connect processing for the link has been initiated.

Disconnect In Progress - Disconnect processing for the link has been initiated.

Action No action is required unless the message is 'Invalid State For Cmnd'. If so, wait for the link or driver to go into the proper state; then reissue the command, if appropriate.

Module NWTCPPOP

NETP060I: -----CONFIGURATION FOR LINK {IIIIII}-----

ADJHOST({XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX})

INETADDR({xxx.xxx.xxx.xxx}) LILNODE({XXXXXXXX})

MULTSESS({x}) PSTATS({x})

RSTATS({x}) SAF({x}) SENDTIME({XXXXXXXX})

STATINT({XXXXXXXX}) TRACESIZ({XXXXXXXX})

IP Version 6 address={xxxx:xxxx:xxxx:xxxx:xxxx:xxxx:xxxx:xxxx}

Explanation This multi-line display shows the current configuration for link 7777777. The parameters displayed may be different from those specified at Entire Net-Work initialization if they have been modified manually, or if they have been modified internally as a result of being out of range. For example, the last line appears only if IP Version 6 is in use.

Action None.

Module NWTCPPOP

NETP061I: LINK {llllllll} STATE({xxxxxxxxxxxxx}) MSGS SENT({xxxxxxx})

Explanation The current state of link or driver *llllllll* is displayed with a count of messages sent and received. The message counts are for the period of time since the driver was opened, the link connected, or the statistics reset for either the driver or the link.

This message is automatically produced as a result of a command being issued to a link or driver while the link or driver was in an incorrect state for the command or as a result of a TCPI *llllllll* STATUS command being issued.

Action None.

Module NWTCPPOP

NETP062I: CONFIGURATION FOR DRIVER {dddd}
 ACCEPTUI({x}) API({xxx}) APITRACE({x,x,x,x,x,x,x,x,x,x,x})
 CONNQUE({xxxxx}) DRVNAME({xxxx})
 PSTATS({x}) RESTART({xxxxx,xxxxx}) RSTATS({x})
 SERVERID({xxxxx}) STATINT({xxxxxxxx}) SUBSYS({xxxx})
 TRACE({xxx}) TRACELEV({x,x,x,x,x,x,x,x,x,x,x}) TRACESIZ({xxxxxxxx})
 MULTSESS ({x}) USERID({xxxxxxxx})
 OPTIONS1({xxxxxxxx,xxxxxxxx,xxxxxxxx,xxxxxxxx,xxxxxxxx
 xxxxxxxx,xxxxxxxx,xxxxxxxx,xxxxxxxx,xxxxxxxx})
 OPTIONS2({xxxxxxxx,xxxxxxxx,xxxxxxxx,xxxxxxxx,xxxxxxxx})
 IP VERSION 6 ALLOWED={x}, SUPPORTED={x}
 CURRENT SIZE OF CLIENT TABLE {xxx}

Explanation This multi-line display shows the current configuration for driver *dddd*. The parameters displayed may be different from those specified at Entire Net-Work initialization if they have been manually modified or if they have been modified internally as a result of being out of range.

Note: The client table size is initially determined by the NUMUSERS parameter setting.

Action None.

Module NWTCPPOP

NETP063I: STATISTICS FOR LINK {llllllll} OR DRIVER {ddddddddd}

Explanation

```

↵
+-----+
(a) + Statistics For Link XXXXXXXX  Period xxxxx:xx:xx (xxxxxxx.xxx ↵
Secs)  +
      + -----  ---Bytes----  --Messages--  -Api Calls--  ↵
----- +
(b) + Writes          xxxxxx.xxxz  xxxxx,xxx,xxx  Xxxxx,xxx,xxx  ↵
Total      +
(c) + xxxxxxxx.xxxz  xxxxx,xxx,xxx  Xxxxx,xxx,xxx  Per Second  +
(d) + Reads          xxxxxx.xxxz  xxxxx,xxx,xxx  Xxxxx,xxx,xxx  ↵
Total      +
(e) + xxxxxxxx.xxxz  xxxxx,xxx,xxx  Xxxxx,xxx,xxx  Per Second  +
    
```

```

+ ----- Total ----- Task ----- Other ----- ↵
----- +
(f) + WRITE Cnds  xxxxx,xxx,xxx  xxxxx,xxx,xxx  xxxxx,xxx,xxx  ↵
Total          +
(g) +           xxxxx.xxx.xxx  xxxxx,xxx,xxx  Xxxxx,xxx,xxx  ↵
Per Second    +
(h) + REAC Cnds  xxxxx,xxx,xxx  xxxxx,xxx,xxx  xxxxx,xxx,xxx  ↵
Total          +
(i) +           xxxxx,xxx,xxx  xxxxx,xxx,xxx  Xxxxx,xxx,xxx  ↵
Per Second    +
↵
+-----+

```

This multi-line display is produced when the command TCPI xxxx STATS is issued, or when the automatic statistics interval has expired and PSTATS=Y is specified in the LINK statement. Values are displayed and updated asynchronously; therefore, the totals displayed may not always be accurate.

The display contains the following information:

Line (a)	The name of the link or driver and the time period in hours:minutes:seconds and seconds:milliseconds since the last time statistics were reset or a link was connected (if applicable).
Line (b)	Shows the cumulative number of bytes and messages written and the cumulative number of write API calls.
Line (c)	Shows the average number of bytes and messages written and the average number of write API calls per second.
Line (d)	Shows the cumulative number of bytes and messages read and the cumulative number of read API calls.
Line (e)	Shows the average number of bytes and messages read and the average number of read API calls per second.
Line (f)	Shows the cumulative number of WRITE commands that occurred. The total number of WRITES is equal to the number of WRITES from the Entire Net-Work task plus the number of WRITES from asynchronous routines.
Line (g)	Shows the average number of WRITE commands that occurred per second. The total average WRITES is equal to the average of WRITES from the Entire Net-Work task plus the average of WRITES from asynchronous routines.
Line (h)	Shows the cumulative number of READ commands that occurred. The total number of READs is equal to the number of READs from the Entire Net-Work task plus the number of READs from asynchronous routines.
Line (i)	Shows the average number of READ commands that occurred per second. The total average READs is equal to the average of READs from the Entire Net-Work task plus the average of READs from asynchronous routines.

Action None.

Module NWTCPPOC

NETP065I: ACTIVE USERS FOR {type} {name}**Explanation**

This multi-line display is produced when you issue the USERS operator command for the Simple Connection Line Driver. The *type* in the message indicates whether the statistics listed in the output are for a driver or a link. The *name* in the message indicates the name of the driver or link to which the statistics apply.

This is a sample of the output that will appear when issued to the driver:

```
NETP065I: Active Users For Driver TCPX
NETP065I: ----- Client ID      1 -----
NETP065I: Active on Link TCX00001 TCP/IP address 10.132.33.48
NETP065I: Adabas Userid:
NETP065I: Char(          NET-WORKS   NORGAY      )
NETP065I: Hex(01210000 00000000 D5C5E360 E6D6D9D2 E22B0001
D2C5D5E3 40404040)
NETP065I: Context ID(E22B0001) Context Verifier(01000000)
NETP065I: Number of requests processed          1
NETP065I:      1 Active Users printed
```

This is a sample of the output that will appear when issued to a link:

```
NETP065I: Active Users For Link TCX00001 TCP/IP address
10.132.33.48
NETP065I: ----- Client ID      1 -----
NETP065I: Adabas Userid:
NETP065I: Char(          NET-WORKS   NORGAY      )
NETP065I: Hex(01210000 00000000 D5C5E360 E6D6D9D2 E22B0001
D2C5D5E3 40404040)
NETP065I: Context ID(E22B0001) Context Verifier(01000000)
NETP065I: Number of requests processed          1
NETP065I:      1 Active Users printed
```

Action

None.

Module

NWXTSOPC

NETP066I:	<pre> -----CONFIGURATION FOR LINK {lllllll}----- ADJHOST({xx}) ADJNODE({xxxxxxx}) INETADDR({xxx.xxx.xxx.xxx}) KEEPALIV({x}) MULTSESS({x}) PSTATS({x}) RSTATS({x}) SAF({x}) SENDTIME({xxxxxxx}) STATINT({xxxxxxx}) TRACESIZ({xxxxxxx}) </pre>
Explanation	This multi-line display shows the current configuration for the Simple Connection Line Driver link <code>llllllll</code> . The parameters displayed may be different from those specified at Entire Net-Work initialization if they have been modified manually, or if they have been modified internally as a result of being out of range.
Action	None.
Module	NWXTSOPC
NETP067I:	<pre> CONFIGURATION FOR DRIVER TCPX ACCEPTUI({x}) API({api}) APITRACE({x,x,x,x,x,x,x,x,x,x}) CONNQUE({n}) DRVCHAR({x}) DRVNAME({name}) KEEPALIV({x}) MULTSESS({x}) PSTATS({x}) RESTART({xxxxx,xxxxx}) RSTATS({x}) SERVERID({serverid}) STATINT({seconds}) SUBSYS({subsys}) TRACE({x}) TRACELEV({x,x,x,x,x,x,x,x,x,x}) TRACESIZ({bytes}) USERID({userid}) OPTIONS1({xxxxxxxx,xxxxxxxx,xxxxxxxx,xxxxxxxx,xxxxxxxx xxxxxxxx,xxxxxxxx,xxxxxxxx,xxxxxxxx,xxxxxxxx}) OPTIONS2({xxxxxxxx,xxxxxxxx,xxxxxxxx,xxxxxxxx,xxxxxxxx}) IP VERSION 6 ALLOWED={x}, SUPPORTED={x} CURRENT SIZE OF CLIENT TABLE (NUMUSERS){n} </pre>
Explanation	This multi-line display shows the current configuration for the Simple Connection Line Driver. The parameters displayed may be different from those specified at Entire Net-Work initialization if they have been manually modified or if they have been modified internally as a result of being out of range.
	Note: The client table size is initially determined by the NUMUSERS parameter setting.
Action	None.
Module	NWXTSOPC
NETP502W:	UNABLE TO ALLOCATE CONNECT QUEUE ENTRY
Explanation	All connect queue entries are in use.
Action	The number of connect queue entries is specified by the CONNQUE parameter on the DRIVER statement. Increase the value of this parameter to accommodate the maximum number of simultaneous connection requests from remote nodes.

NETP509E:	ERROR OCCURRED OBTAINING OR FREEING STORAGE
Explanation	An error occurred when attempting to obtain or release virtual storage. This error usually occurs because there is insufficient storage in the region to satisfy the obtain or one of the buffer pools is not large enough to satisfy the storage request.
Action	Check the buffer pool statistics by issuing the DISPLAY STATS operator command. If necessary, increase the size of the buffer pools. Otherwise, increase the private area size of the region to allow storage requests that are not allocated from buffer pools to properly complete.
Module	NWTCPNS
NETP511W:	TCP API ERROR ON LISTEN - RC = xxxx
Explanation	There was an error in acquiring storage to perform a passive OPEN call to the TCP/IP partition. RC = 4 indicates a problem acquiring partition GETVIS storage. RC = 16 indicates a problem acquiring SVA GETVIS storage.
Action	For RC=4, increase the size of the Entire Net-Work partition or decrease the SIZE parameter on the EXEC card if possible. With RC=16, additional allocation is required in the system GETVIS area in the SVA. For other values, contact your Software AG technical support representative.
Module	NWVSESTK
NETP512W:	TCP RETURNED LISTEN ERROR - RC = xxxx
Explanation	RC is the return code passed back to Entire Net-Work by the TCP/IP partition on a passive OPEN(Listen) call.
Action	Report the error to your Software AG technical support representative.
Module	NWVSESTK
NETP521W:	TCP API ERROR ON CONNECT - RC = xxxx
Explanation	There was an error in acquiring storage to perform an OPEN call to the TCP/IP partition. RC is the return code from a z/VSE GETVIS call. For more information, refer to the appropriate z/VSE documentation.
Action	For RC=4, increase the size of the Entire Net-Work partition or decrease the SIZE= parameter on the EXEC card if possible. With RC=16, additional allocation is required in the system GETVIS area in the SVA. For other values, contact your Software AG technical support representative.
Module	NWTCPNS

NETP522W:	TCP RETURNED CONNECT ERROR - RC = xxxx
Explanation	RC is the return code passed back to Entire Net-Work by the TCP/IP partition on an OPEN call.
Action	Report the error to your Software AG technical support representative.
Module	NWTCPNS
NETP531W:	TCP API ERROR ON SEND - RC = xxxx
Explanation	There was an error in acquiring storage to perform a SEND call to the TCP/IP partition. RC is the return code from a z/VSE GETVIS call. For more information, refer to the appropriate z/VSE documentation.
Action	For RC=4, increase the size of the Entire Net-Work partition or decrease the SIZE= parameter on the EXEC card if possible. With RC=16, additional allocation is required in the system GETVIS area in the SVA. For other values, contact your Software AG technical support representative.
Module	NWTCPNS
NETP532W:	TCP RETURNED SEND ERROR - RC = xxxx
Explanation	RC is the return code passed back to Entire Net-Work by the TCP/IP partition on a SEND call.
Action	Report the error to your Software AG technical support representative.
Module	NWTCPNS
NETP541W:	TCP API ERROR ON RECEIVE - RC = xxxx
Explanation	There was an error in acquiring storage to perform a RECEIVE call to the TCP/IP partition. RC is the return code from a z/VSE GETVIS call. For more information, refer to the appropriate z/VSE documentation.
Action	For RC=4, increase the size of the Entire Net-Work partition or decrease the SIZE= parameter on the EXEC card if possible. With RC=16, additional allocation is required in the system GETVIS area in the SVA. For other values, contact your Software AG technical support representative.
Module	NWTCPNS
NETP542W:	TCP RETURNED RECEIVE ERROR - RC = xxxx
Explanation	RC is the return code passed back to Entire Net-Work by the TCP/IP partition on a RECEIVE call.
Action	Report the error to your Software AG technical support representative.
Module	NWTCPNS

NETP551W:	TCP API ERROR ON DISCONNECT - RC = xxxx
Explanation	There was an error in acquiring storage to perform an CLOSE call to the TCP/IP partition. RC is the return code from a z/VSE GETVIS call. For more information, refer to the appropriate z/VSE documentation.
Action	For RC=4, increase the size of the Entire Net-Work partition or decrease the SIZE= parameter on the EXEC card if possible. With RC=16, additional allocation is required in the system GETVIS area in the SVA. For other values, contact your Software AG technical support representative.
Module	NWTCPNS
NETP552W:	TCP RETURNED DISCONN ERROR - RC = xxxx
Explanation	RC is the return code passed back to Entire Net-Work by the TCP/IP partition on a CLOSE call.
Action	Report the error to your Software AG technical support representative.
Module	NWTCPNS
NETP561W:	TCP API ERROR ON OPEN - RC = xxxx
Explanation	There was an error in acquiring storage to perform an OPEN CONTROL call to the TCP/IP partition. RC is the return code from a z/VSE GETVIS call. For more information, refer to the appropriate z/VSE documentation.
Action	For RC=4, increase the size of the Entire Net-Work partition or decrease the SIZE= parameter on the EXEC card if possible. For RC=8, correct the value of the USERID parameter on the DRIVER statement to match the ID= subparameter of the PARM field for an active TCP/IP stack. With RC=16, additional allocation is required in the system GETVIS area in the SVA. For other values, contact your Software AG technical support representative.
Module	NWTCPNS
NETP562W:	TCP RETURNED OPEN ERROR - RC = xxxx
Explanation	RC is the return code passed back to Entire Net-Work by the TCP/IP partition on an OPEN CONTROL call.
Action	Report the error to your Software AG technical support representative.
Module	NWTCPNS

NETP571W: TCP API ERROR ON CLOSE - RC = xxxx

Explanation There was an error in acquiring storage to perform a CLOSE,CONTROL call to the TCP/IP partition. RC is the return code from a z/VSE GETVIS call. For more information, refer to the appropriate z/VSE documentation.

Action For RC=4, increase the size of the Entire Net-Work partition or decrease the SIZE= parameter on the EXEC card if possible. With RC=16, additional allocation is required in the system GETVIS area in the SVA. For other values, contact your Software AG technical support representative.

Module NWTCPNS

NETP572W: TCP RETURNED CLOSE ERROR - RC = xxxx

Explanation RC is the return code passed back to Entire Net-Work by the TCP/IP partition on a CLOSE CONTROL call.

Action Report the error to your Software AG technical support representative.

Module NWTCPNS

NETP581W: TCP API ERROR ON RESOLVE - RC = xxxx

Explanation An error was received while executing a call to resolve the host name or address. RC is the contents of Register 15 on return from the call. For more information, see the appropriate z/VSE documentation.

Action The action to take depends on the return code (RC=), as shown in the following table:

RC=4	Increase the size of the Entire Net-Work partition or decrease the SIZE= parameter on the EXEC card if possible.
RC=8	Correct the value of the USERID parameter on the DRIVER statement to match the ID= subparameter of the PARM field for an active TCP/IP stack.
RC=16	Provide additional allocation in the system GETVIS area in the SVA.
Any other value	Contact your Software AG technical support representative.

Module NWTCPNS

NET0582W: TCP RETURNED RESOLVE ERROR - RC=xxxx

Explanation RC is the return code passed back to Entire Net-Work by the TCP/IP partition on a call to resolve the host name or address.

Action Report the error to your Software AG technical support representative.

Module NWTCPNS

NETP600I: **xxxxxxx ERROR NUMBER nnnnn SOCKET sssss**
Explanation A call to the IBM TCP/IP HPS API failed for function xxxxxxx. The error number nnnnn provides the reason the failure and sssss is the socket where the failure occurred. This message provides diagnostic information about a previous error message. It may also be followed by a [NETP601I](#) message that explains the error number.
Action Locate message NETP601I for a description of the error number.
Module NWTCPHPS

NETP601I: **variable text message**
Explanation This message describes the error number provided in message [NETP600I](#).
Action Try to eliminate the condition that caused the message.
Module NWTCPHPS

NETP602E: **INVALID FUNCTION REQUESTED**
Explanation An invalid request was made to the API.
Action Contact your Software AG technical support representative.
Module NWTCPHPS

NETP603E: **TCP/IP FAILED TO LOAD**
Explanation An attempt to load a required module for TCP/IP failed. The driver and all links using this API will be unusable. This is most likely caused by TCP/IP not being correctly installed. It could also be caused by a short-on-storage condition or an I/O error.
Action Check the joblog and syslog for any additional messages, such as operating system messages, that may provide a reason for the problem.
Module NWTCPHPS

NETP604E: **UNABLE TO ALLOCATE STORAGE FOR SCT**
Explanation An attempt to allocate storage for a required control block failed. The control block is needed for the driver and all active links using the API. Only the new link being connected to or the new driver being opened is affected. All active links and drivers continue to run as long as the storage shortage does not cause other problems with Entire Net-Work.
Action Look for other messages indicating storage problems and perform any recommended action.
Module NWTCPHPS

NETP605W:	UNABLE TO CLOSE SOCKET
Explanation	An error occurred while trying to close a socket used for a connection. The Entire Net-Work connection is closed, but the socket is not usable for future connections.
Action	Locate messages NETP600I and NETP601I for additional information.
Module	NWTCPHPS
NETP606I:	HPS DRIVER CLOSED
Explanation	A TCP/IP driver using API=HPS has been closed.
Action	None required. This message is informational only.
Module	NWTCPHPS
NETP610E:	INVALID OPERATING SYSTEM FOR API=HPS
Explanation	API=HPS was specified for a driver on a system that does not support it. MVS is currently the only operating system that supports this API.
Action	Specify a valid API for the system and the TCP/IP stack that you are running.
Module	NWTCPHPS
NETP611E:	UNABLE TO INITIALIZE TCP/IP INTERFACE
Explanation	An INITAPI function call was made to TCP/IP and failed. NETP600I will provide an error number that indicates why it failed.
Action	Locate messages NETP600I and NETP601I for additional information.
Module	NWTCPHPS
NETP612E:	UNABLE TO GET A SOCKET
Explanation	A call made to TCP/IP to get a new socket failed. NETP600I will provide an error number that indicates why it failed.
Action	Locate messages NETP600I and NETP601I for additional information. You may need to adjust some TCP/IP parameters to allow for more sockets.
Module	NWTCPHPS
NETP613E:	UNABLE TO BIND SOCKET TO LOCAL SYSTEM
Explanation	A BIND function call to TCP/IP failed. The BIND function tells TCP/IP which port to listen on, as well as any restrictions on who can connect to this port. NETP600I will provide an error number that indicates why it failed.
Action	Locate messages NETP600I and NETP601I for additional information.
Module	NWTCPHPS

NETP614E:	UNABLE TO DETERMINE MAXIMUM SENDMSG SIZE
Explanation	A GETSOCKOPT function call to TCP/IP failed. The GETSOCKOPT function is used to determine the maximum message size that can be sent. NETP600I will provide an error number that indicates why it failed.
Action	Locate messages NETP600I and NETP601I for additional information.
Module	NWTCPHPS
NETP615E:	UNABLE TO SET LISTEN OPTIONS
Explanation	A LISTEN function call to TCP/IP failed. The LISTEN function is used to set the number of connection requests that can be queued. NETP600I will provide an error number that indicates why it failed.
Action	Locate messages NETP600I and NETP601I for additional information.
Module	NWTCPHPS
NETP616E:	UNABLE TO LISTEN FOR NEW CONNECTIONS
Explanation	An ACCEPT function call to TCP/IP failed. The ACCEPT function waits for a connection request and returns a socket to be used for the new conversation. NETP600I will provide an error number that indicates why it failed.
Action	Locate messages NETP600I and NETP601I for additional information.
Module	NWTCPHPS
NETP617W:	UNABLE TO ALLOCATE CONNECT QUEUE ENTRY
Explanation	The connection request was rejected because there was no connect queue entry available to process the request.
Action	Increase the value of the CONNQUE parameter on the DRIVER statement.
Module	NWTCPHPS
NETP618W:	UNABLE TO SETSOCKOPT KEEPALIVE OPTION
Explanation	A SETSOCKOPT function call to TCP/IP failed. The SETSOCKOPT function is used to set the KEEPALIV parameter on the TCP/IP DRIVER and LINK statements. If KEEPALIV=YES, a message is sent periodically to verify that a connection is still active. NETP600I will provide an error number that indicates why it failed.
Action	Locate messages NETP600I and NETP601I for additional information. To disable this function, specify KEEPALIV=NO on the DRIVER and LINK statements.
Module	NWTCPHPS

NETP620W:	UNABLE TO CONNECT TO REMOTE SYSTEM
Explanation	A CONNECT function call to TCP/IP failed. The CONNECT function is used to connect to a remote Entire Net-Work node. NETP600I will provide an error number that indicates why it failed.
Action	Locate messages NETP600I and NETP601I for additional information. Make sure that the remote Entire Net-Work node is running and is accepting connections from this node.
Module	NWTCPHPS
NETP621E:	UNABLE TO SENDMSG TO REMOTE SYSTEM
Explanation	A SENDMSG function call to TCP/IP failed. The SENDMSG function is used to send a data packet to a remote Entire Net-Work node. NETP600I will provide an error number that indicates why it failed.
Action	Locate messages NETP600I and NETP601I for additional information.
Module	NWTCPHPS
NETP622E:	UNABLE TO RECV DATA FROM REMOTE SYSTEM
Explanation	A RECV function call to TCP/IP failed. The RECV function is used to receive a data packet from a remote Entire Net-Work node. This call waits for incoming data before returning to Entire Net-Work. NETP600I will provide an error number that indicates why it failed.
Action	Locate messages NETP600I and NETP601I for additional information.
Module	NWTCPHPS
NETP623W:	UNABLE TO DETERMINE TCP/IP ADDRESS
Explanation	A GETHOSTBYNAME function call to TCP/IP failed. This type of function is used to determine the TCP/IP address of an Entire Net-Work node that used the ADJHOST parameter to specify the name. NETP600I will provide an error number that indicates why it failed.
Action	Locate messages NETP600I and NETP601I for additional information. Make sure the name specified on ADJHOST parameter is correct and that this name is in the hosts file or domain name server. Read about the ADJHOST parameter in the <i>Entire Net-Work Administration Guide</i>
Module	NWTCPHPS

NETP624W:	UNABLE TO DETERMINE HOST NAME FROM ADDRESS
Explanation	A GetHostByAddr function call to TCP/IP failed, probably because the host name address was not defined in the DNS (Domain Name Service). The GetHostByAddr call is used to determine the name of a connecting IP address when ADJHOST has been specified on a LINK statement.
Action	Add the host name and IP address to your domain name server.
Module	NWTCPHPS
NETP630E:	ASYNC EXIT ENTERED FOR UNKNOWN ROUTINE
Explanation	This message indicates an internal logic error in the HPS API.
Action	Issue the TRACE and SNAP operator commands for the line driver. For more information, see the section <i>Entire Net-Work Operator Commands</i> in the <i>Entire Net-Work Reference Guide</i> . Then contact your Software AG technical support representative.
Module	NWTCPHPS
NETP631I:	ASYNC EXIT ENTERED FOR TCP/IP TERMINATION
Explanation	TCP/IP is being terminated on the local system. All connections using this driver will be disconnected. This is an informational message and does not indicate an error in Entire Net-Work.
Action	Determine why the TCP/IP address space is being terminated.
Module	NWTCPHPS
NETP632I:	ASYNC EXIT ENTERED FOR LINK TERMINATION
Explanation	TCP/IP has terminated the connection for this link. Therefore, the link is no longer active.
Action	Look for other messages on both the local and remote systems that will help you determine why the link was terminated.
Module	NWTCPHPS
NETP633I:	ASYNC EXIT ENTERED FOR PREVIOUS ABEND
Explanation	The asynchronous exit abended processing a previous TCP/IP function. This message indicates an internal logic error in the HPS API.
Action	Issue the TRACE and SNAP operator commands for this driver. For more information, see the section <i>Entire Net-Work Operator Commands</i> in the <i>Entire Net-Work Reference Guide</i> . Then contact your Software AG technical support representative.
Module	NWTCPHPS

NETP634I:	ASYNC EXIT ENTERED FOR UNKNOWN REASON
Explanation	This message indicates an internal logic error in the HPS API.
Action	Issue the TRACE and SNAP operator commands for this driver. For more information, see the section <i>Entire Net-Work Operator Commands</i> in the <i>Entire Net-Work Reference Guide</i> . Then contact your Software AG technical support representative.
Module	NWTCPHPS
NETP635I:	ASYNC EXIT ENTERED WITH INVALID SCT TOKEN
Explanation	The asynchronous exit was entered without a required token. This message indicates an internal logic error in the HPS API.
Action	Issue the TRACE and SNAP operator commands for this driver. For more information, see the section <i>Entire Net-Work Operator Commands</i> in the <i>Entire Net-Work Reference Guide</i> . Then contact your Software AG technical support representative.
Module	NWTCPHPS
NETP700I:	{xxxxxxx} ERROR NUMBER {nnnnn} REASON {rrrrrrrr} SOCKET {sssss} {xxxxxxx} AIOCB ERRNUM {nnnnn} REASON {rrrrrrrr} SOCKET {sssss}
Explanation	A call to the IBM TCP/IP stack failed for function <i>xxxxxxx</i> . The error number <i>nnnnn</i> and the reason code <i>rrrrrrrr</i> indicate the reason the call failed, while <i>sssss</i> is the socket that the function failed on. This message provides diagnostic information about a previous error message. This message may also be followed by a NETP701I message that explains the error number and reason codes.
Action	Locate message NETP701I for a description of the error number. Refer to the IBM documentation for an explanation of the error number and the reason code.
Module	NWTCPOES
NETP701I:	variable text message
Explanation	The text of this message describes the error number from message NETP700I .
Action	Eliminate if possible the condition that caused this message.
Module	NWTCPOES
NETP702E:	INVALID FUNCTION REQUESTED
Explanation	An invalid request was made to this API.
Action	Contact your Software AG technical support representative
Module	NWTCPOES

NETP703E:	TCP/IP FAILED TO LOAD
Explanation	An attempt to load a required module for TCP/IP failed. The driver and all links using this API will be unusable. This is most likely caused by TCP/IP not being correctly installed. It could also be caused by a short on storage condition or an I/O error.
Action	Check the joblog and syslog for any additional messages that may indicate a reason for the problem. These messages may be operating system messages.
Module	NWTCPOES
NETP704E:	UNABLE TO ALLOCATE STORAGE FOR SCT
Explanation	An attempt to allocate storage for a required control block failed. This control block is needed for the driver and all active links using this API. Only the new link being connected or the new driver being opened are affected. All active links and drivers will continue to run as long as the storage shortage does not cause other problems with Entire Net-Work
Action	Look for other messages indicating storage problems and perform any action recommended.
Module	NWTCPOES
NETP705W:	UNABLE TO CLOSE SOCKET
Explanation	An error occurred trying to close a socket used for a connection. The Entire Net-Work connection is closed, but this socket will be unusable for a future connection.
Action	Locate messages NETP700I and NETP701I for additional information.
Module	NWTCPOES
NETP706I:	OES DRIVER CLOSED
Explanation	A TCP/IP driver using API=OES has been closed. This is an informational message and does not indicate an error.
Action	None
Module	NWTCPOES
NETP707E:	OES Driver requires APF authorization
Explanation	This message indicates that Entire Net-Work is not APF authorized. APF authorization is required in order to use the API=OES.
Action	Provide APF authorization for all load libraries in the Entire Net-Work STEPLIB.
Module	NWTCPOES

NETP710E:	INVALID OPERATING SYSTEM FOR API=OES
Explanation	API=OES was specified for a driver on a system that does not support it. Currently OS390 is the only operating system that supports this API.
Action	Specify a valid API for the system and TCP/IP stack you are running.
Module	NWTCPOES
NETP711E:	UNABLE TO INITIALIZE TCP/IP INTERFACE
Explanation	An Open Edition call to DUB the TCB failed. NETP700I will provide an error number that indicates why it failed.
Action	Locate messages NETP700I and NETP701I for additional information.
Module	NWTCPOES
NETP712E:	UNABLE TO GET A SOCKET
Explanation	A call made to TCP/IP to get a new socket failed. NETP700I will provide an error number that indicates why it failed.
Action	Locate messages NETP700I and NETP701I for additional information. Some adjusting of parameters for TCP/IP may need to be done to allow for more sockets.
Module	NWTCPOES
NETP713E:	UNABLE TO BIND SOCKET TO LOCAL SYSTEM
Explanation	A BIND function call to TCP/IP failed. The BIND function is used to tell TCP/IP what port to listen on and what restrictions apply, i.e., who can connect to this port. NETP700I will provide an error number that indicates why it failed.
Action	Locate messages NETP700I and NETP701I for additional information.
Module	NWTCPOES
NETP714E:	UNABLE TO DETERMINE MAXIMUM SENDMSG SIZE
Explanation	A GETSOCKOPT function call to TCP/IP failed. The GETSOCKOPT function is used to determine the maximum message size that can be sent. NETP700I will provide an error number that indicates why it failed.
Action	Locate messages NETP700I and NETP701I for additional information.
Module	NWTCPOES

NETP715E: UNABLE TO SET LISTEN OPTIONS

Explanation A LISTEN function call to TCP/IP failed. The LISTEN function is used to set the number of connection requests that can be queued. **NETP700I** will provide an error number that indicates why it failed.

Action Locate messages **NETP700I** and **NETP701I** for additional information.

Module NWTCPDES

NETP716E: UNABLE TO LISTEN FOR NEW CONNECTIONS

Explanation An ACCEPT function call to TCP/IP failed. The ACCEPT function waits for a connection request and returns a socket to be used for the new conversation. **NETP700I** will provide an error number that indicates why it failed.

Action Locate messages **NETP700I** and **NETP701I** for additional information.

Module NWTCPDES

NETP717W: UNABLE TO ALLOCATE CONNECT QUEUE ENTRY

Explanation A connect queue entry is needed to process a connection request and none is currently available. The connection request is rejected.

Action Increase the value of the CONNQUE parameter on the DRIVER statement.

Module NWTCPDES

NETP718W: UNABLE TO SETSOCKOPT KEEPALIVE OPTION

Explanation A SETSOCKOPT function call to TCP/IP failed. The SETSOCKOPT function is used to set the KEEPALIVE option in TCP/IP. KEEPALIVE is a TCP/IP option that regularly sends a message to verify that a connection is still active. **NETP700I** will provide an error number that indicates why it failed.

Action Locate messages **NETP700I** and **NETP701I** for additional information. Set KEEPALIVE=NO parameter on driver and link statements to disable this function.

Module NWTCPDES

NETP719W: UNABLE TO SETSOCKOPT REUSEADDR OPTION

Explanation A SETSOCKOPT function call to TCP/IP failed. The SETSOCKOPT function is used to set the REUSEADDR option in TCP/IP so that a socket can be reused immediately after being closed.

Action Locate messages **NETP700I** and **NETP701I** for additional information. .

Module NWTCPDES

NETP720W:	UNABLE TO CONNECT TO REMOTE SYSTEM
Explanation	A CONNECT function call to TCP/IP failed. The CONNECT function is used to connect to a remote Entire Net-Work node. NETP700I will provide an error number that indicates why it failed.
Action	Locate messages NETP700I and NETP701I for additional information. Make sure that the remote Entire Net-Work node is running and is accepting connections from this node.
Module	NWTCPOES
NETP721E:	UNABLE TO SENDMSG TO REMOTE SYSTEM
Explanation	A SENDMSG function call to TCP/IP failed. The SENDMSG function is used to send a data packet to a remote Entire Net-Work node. NETP700I will provide an error number that indicates why it failed.
Action	Locate messages NETP700I and NETP701I for additional information.
Module	NWTCPOES
NETP722E:	UNABLE TO RECV DATA FROM REMOTE SYSTEM
Explanation	A RECV function call to TCP/IP failed. The RECV function is used to receive a data packet from a remote Entire Net-Work node. This call waits for incoming data before returning to Entire Net-Work. NETP700I will provide an error number that indicates why it failed.
Action	Locate messages NETP700I and NETP701I for additional information.
Module	NWTCPOES
NETP723W:	UNABLE TO DETERMINE TCP/IP ADDRESS
Explanation	A GETHOSTBYNAME function call to TCP/IP failed. The GETHOSTBYNAME function is used to determine the TCP/IP address of an Entire Net-Work node that used the ADJHOST parameter to specify the name. NETP700I will provide an error number that indicates why it failed.
Action	Locate messages NETP700I and NETP701I for additional information. Make sure that the name specified on ADJHOST parameter is correct and that this name is in the hosts file or domain name server. Read about the ADJHOST parameter in the <i>Entire Net-Work Administration Guide</i>
Module	NWTCPOES

NETP724W:	UNABLE TO DETERMINE HOST NAME FROM ADDRESS
Explanation	A GetHostByAddr function call to TCP/IP failed, probably because the host name address was not defined in the DNS (Domain Name Service). The GetHostByAddr call is used to determine the name of a connecting IP address when ADJHOST has been specified on a LINK statement.
Action	Add the host name and IP address to your domain name server.
Module	NWTCPOES
NETP730E:	ASYNC EXIT ENTERED FOR UNKNOWN ROUTINE
Explanation	This message indicates an internal logic error in the OES API.
Action	Issue the TRACE and SNAP Entire Net-Work commands for this driver. Then contact your Software AG technical support representative.
Module	NWTCPOES
NETP731I:	ASYNC EXIT ENTERED FOR TCP/IP TERMINATION
Explanation	TCP/IP is being terminated on the local system. All connections using this driver will be disconnected. This is an informational message and does not indicate an error in Entire Net-Work.
Action	Determine why the TCP/IP address space is being terminated.
Module	NWTCPOES
NETP732I:	ASYNC EXIT ENTERED FOR LINK TERMINATION
Explanation	TCP/IP has terminated the connection for this link. This link is no longer active.
Action	Look for other messages on both the local and remote systems to determine why the link was terminated.
Module	NWTCPOES
NETP733I:	ASYNC EXIT ENTERED FOR PREVIOUS ABEND
Explanation	The asynchronous exit abended while processing a previous TCP/IP function. This message indicates an internal logic error in the OES API.
Action	Issue the TRACE and SNAP Entire Net-Work commands for this driver. Then contact your Software AG technical support representative.
Module	NWTCPOES

NETP734I:	ASYNC EXIT ENTERED FOR UNKNOWN REASON
Explanation	This message indicates an internal logic error in the OES API.
Action	Issue the TRACE and SNAP Entire Net-Work commands for this driver. Then contact your Software AG technical support representative.
Module	NWTCPOES
NETP735I:	ASYNC EXIT ENTERED WITH INVALID SCT TOKEN
Explanation	The asynchronous exit was entered without a required token. This message indicates an internal logic error in the OES API.
Action	Issue the TRACE and SNAP Entire Net-Work commands for this driver. Then contact your Software AG technical support representative.
Module	NWTCPOES
NETP800I:	ACT ARRAY ALLOCATED AT xxxxxxxx
Explanation	The Simple Connection Line Driver's Active Client Table (ACT) array was allocated at the indicated address. This message is issued at initialization, and also if the ACT array is expanded.
Action	None required. This message is informational only.
Module	NETTCPX, NXTSRV
NETP801E:	ACT ALLOCATION ERROR; NO FREE ENTRIES
Explanation	Allocation of a client control block failed. Possible causes are: <ul style="list-style-type: none">■ shortage of storage■ exceeding the total number of clients allowed (32767)■ internal error
Action	Increase storage or limit the number of clients.
Module	NXTSRV
NETP802E:	ERROR FREEING ACT; ARRAY AND ELEMENT MISMATCH
Explanation	An internal error occurred when attempting to free a client control block.
Action	Contact your Software AG technical support representative.
Module	NETTCPX

NETP803I:	MAXIMUM NUMBER OF CLIENTS INCREASED TO xxxxx
Explanation	The Active Client Table (ACT) array has been increased because it was full and a new client attempted to initialize. The table is increased by 50% of its current size.
Action	If this message occurs frequently, increase NUMUSERS to minimize expansions.
Module	NXTSRV
NETP804I:	MSG RECEIVED FROM UNKNOWN CLIENT; CONTEXTID {xxxxxxxx}, CONTEXTTV {xxxxxxxx}
Explanation	Each incoming request is validated against that client's current information. This message is issued if there was a mismatch or the client was not found.
Action	Collect traces on the client and server side and contact your Software AG technical support representative.
Module	NETTCPX
NETP805E:	INTERNAL ERROR, UNABLE TO CONVERT MESSAGE
Explanation	An error occurred when converting the message to Entire Net-Work's MHDR format. The probable cause is a shortage of storage.
Action	If increasing storage does not resolve the error, contact your Software AG technical support representative.
Module	NETTCPX
NETP806E:	INVALID NUMUSERS VALUE, SETTING TO DEFAULT OF 100
Explanation	An invalid value was specified for NUMUSERS. Entire Net-Work sets NUMUSERS to 100 and continues to initialize.
Action	Correct the NUMUSERS value.
Module	NETTCPX
NETP808E:	CLIENT xxxxx IS NO LONGER ACTIVE; UNABLE TO SEND REPLY
Explanation	Client xxxxx was terminated before the current reply could be sent back, where xxxxx is the ACT index and the rightmost two bytes of the Context ID in the A1 message header. This can happen if the client times out or otherwise terminates while Entire Net-Work is processing a reply for that client.
Action	If the client did not legitimately time out or terminate, obtain traces and contact your Software AG technical support representative.
Module	NETTCPX

NETP809E:	UNABLE TO LOAD MODULE: {modname}, FOR SSL SUPPORT.
Explanation	The attempt failed to load the module named in the message (<i>modname</i>). This module is required for SSL support. The driver fails to open.
Action	Make sure this module is available to the Entire Net-Work job.
NETP811I:	COMPLETED SSL INITIALIZATION, DRIVER ({drvname}).
Explanation	SSL support for the driver named in the message (<i>drvname</i>) has been successfully initialized.
Action	No action is required for this informational message.
NETP813E:	DRIVER ({drvname}) SSL SUPPORT FAILED, RC({code})
Explanation	Initialization of SSL support failed for the driver named in the message (<i>drvname</i>) with the internal return code shown in the message (<i>code</i>). The driver is not opened.
Action	Contact your Software AG customer support representative for assistance.
NETP814E:	{sslfunction} FAILED WITH RC {code} FOR LINK {lnkname}
Explanation	The SSL function named in the message (<i>sslfunction</i>) failed with the displayed return code (<i>code</i>) for the link named in the message (<i>lnkname</i>).
Action	Contact your Software AG customer support representative for assistance.
NETP816E:	INVALID VALUE FOR SSLVRS
Explanation	An invalid value was specified for the SSLVRS parameter.
Action	Specify a valid value for the parameter and try again.
NETP817E:	INVALID VALUE FOR SSLVRF
Explanation	An invalid value was specified for the SSLVRF parameter.
Action	Specify a valid value for the parameter and try again.
NETP818I:	LINK {link} CONNECTED TO ADDRESS {nnn.nnn.nnn.nnn}
Explanation	The link named in the message was successfully connected to the partner TCP/IP address named in the message. This message is issued for Entire Net-Work Client links in place of NET0110 (NET0110 is issued when Entire Net-Work 7 connects). It is written only to DDPRINT/NETPRNT, not the console. Normal processing continues and the newly connected link can be used for message traffic.
Action	No action is required for this informational message.

NETP819I:	LINK {link} DISCONN. FROM ADDRESS {nnn.nnn.nnn.nnn}
Explanation	<p>The link named in the message was disconnected from the partner TCP/IP address named in the message by one of the following events:</p> <ul style="list-style-type: none">■ The client terminated.■ A DISCONNECT operator command was issued.■ One of several types of link failures occurred (these link failures are described by related line driver messages)■ The partner TCP/IP address terminated the socket connection. <p>This message is issued for Entire Net-Work Client links in place of NET0107 (NET0107 is issued when Entire Net-Work 7 disconnects). It is written only to DDPRINT/NETPRNT, not the console.</p> <p>The system continues processing without the link. If the disconnection was due to an error, other messages should indicate the cause of the disconnection.</p>
Action	Correct the error, if required, and retry the application.
NETP820E:	ERROR POSTING SSL HANDSHAKE SUBTASK RC={rc} LINK={link}
Explanation	An error occurred attempting to notify the SSL subtask to process a new connection. The connection fails for the specified link.
Action	This is an internal error. Contact your Software AG customer support representative.
NETP821E:	SSLSETSESSION FAILED WITH RETURN CODE {code}
Explanation	The SslSetSession function failed with the return code displayed in the message (<i>code</i>).
Action	Check your SSL configuration and try again.
NETP822E:	API= OES IS REQUIRED WITH SSL
Explanation	On z/OS systems, only API=OES can be used with the SSL driver.
Action	Specify API=OES and restart.
NETP823E:	Connecting two mainframe nodes with TCPX is not allowed
Explanation	<p>The Simple Connection Line Driver (TCPX line driver) is used for connections between mainframe Entire Net-Work nodes and open systems Entire Net-Work Kernels and clients. TCPX mainframe-to-mainframe connections are not allowed.</p> <p>The link is disconnected.</p>
Action	Use the TCP/IP line driver (TCPI line driver) to make mainframe-to-mainframe connections.

NETP899I: {msg-text}

Explanation This message displays various informational messages during SSL initialization.

Action No action is required for this informational message.

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NETT* - Translation Routine Messages

NETTnnn messages are specific messages coming from the translation routines.

NETT001:	INPUT BUFFER TRANSLATION ERROR; RESULT RSP=229
Explanation	An error has been detected in the application's FB (Format buffer) or SB (Search Buffer). All the buffers are snapped to help assist in the application debugging.
	Forces an RSP=229 to be returned to the application.
Action	Verify that the application s format and/or search buffer is specified in valid syntax.
NETT002:	ENTIRE BUFFER NOT TRANSLATED
Explanation	An error has been detected in user buffer translation. The length specified for a buffer is less than the actual length returned by Adabas.
	Translation for this request is terminated.
Action	Verify that each field specified in the format buffer has a related format and length.
NETT003:	DBID dbid AVAILABLE ON NODE nodeid
Explanation	A connection to an RDA message-based remote node has been established. The messages displays a list of targets available on the node.
Action	No action is required. This message is informational only.

- NETT004:** **message-identifier ADMIN MSG FROM NODE nodeid RECEIVED**
- Explanation** An administration message has been received from an RDA message-based remote node.
- Action** No action is required. This message is informational only.
-
- NETT005:** **INCOMING ADMIN MSG NOT A REQUEST**
- Explanation** An administration message has been received from an RDA message-based remote node but the request indicator has not been set.
- The incoming message is ignored and processing continues.
- Action** Contact your Software AG technical support representative.
-
- NETT006:** **UNKNOWN OUTPUT MESSAGE**
- Explanation** It has been determined that a message that is to be sent cannot be properly translated.
- The message is neither translated nor sent, and processing continues.
- Action** Contact your Software AG technical support representative.
-
- NETT007:** **UNKNOWN INPUT MESSAGE**
- Explanation** It has been determined that a message that has been received cannot be properly translated.
- The message is ignored, and processing continues.
- Action** Contact your Software AG technical support representative.
-
- NETT008:** **COMPRESSED MESSAGE NOT SUPPORTED**
- Explanation** A message to be sent to a remote VMS, UNIX, or OS/2 node is in compressed format.
- The outgoing message is ignored.
- Action** Make sure that the compression option is not turned on for any other links within the network task.
-
- NETT010:** **REPLY DISCARDED ON LINK xxxxxxxx**
- Explanation** The link was reconnected after a request was received from the link, but before the reply was received from the target and sent back across the link.
- The message is discarded.
- Action** No action is required. This message is informational only.

NETT011:	nnnnn OUTSTANDING REQUESTS FREED ON LINK xxxxxxxx
Explanation	nnnnn messages were discarded as a result of the link being disconnected. Messages were discarded.
Action	No action is required.
NETT012:	SHORT TERM BUFFER SHORTAGE/ERRORS
Explanation	A failure occurred trying to obtain or release Entire Net-Work short-term buffers. The link is marked "suspended".
Action	Increase the short-term buffer allocation.
NETT013:	TRANSLATION DEFINITION ADDED SUCCESSFULLY
Explanation	A translation add request was issued to Entire Net-Work and was successfully added to the active translation table.
Action	No action is required. This message is informational only.
NETT014:	TRANSLATION DEFINITION DELETED SUCCESSFULLY
Explanation	A translation delete/remove request was issued to Entire Net-Work and a translation definition with matching criteria was successfully removed from the active translation table.
Action	No action is required. This message is informational only.
NETT015:	TRANSLATION DEFINITION DELETE FAILED
Explanation	A translation delete/remove request was issued to Entire Net-Work and no translation definition with matching criteria could be located in the active translation table.
Action	Check the translation delete/remove request for correctness.
NETT016:	DBID FILE FIELD ATOE ETOA EXIT FORMAT
NETT017:	output from the translat display list operator command

NETT018:	TRANSLATION DISPLAY COMPLETE
Explanation	This group of messages is issued for each TRANSLAT DISPLAY LIST command issued to Entire Net-Work. Message NETT017 will be issued for each active translation definition.
Action	No action is required. This message is informational only.
NETT019:	TRANSLATION DEFINITION ALREADY EXISTS - IGNORED
Explanation	A TRANSLAT DEFINE ADD request was issued to Entire Net-Work and was not added to the active translation table due to an active translation definition already existing for the specified database ID, file ID and field ID.
Action	Check the translation define/add request for correctness. If correct, a duplicate already exists. Otherwise, correct the request and try again.
NETT021:	CONVERTER LOGGING DATA
Explanation	If logging is turned on (LOGGING=Y), this DDPRINT message precedes the actual logging data.
Action	No action is required. This message is informational only.
NETT024:	CONNECTION REJECTED DUE TO INVALID NODE ID FROM NODE xxxxxxxx
Explanation	A UNIX or OpenVMS Entire Net-Work node tried to connect with node ID = 0.
Action	Specify a node ID in the configuration file on the UNIX or OpenVMS node.
NETT025:	TEXT MESSAGE RECEIVED ON LINK linkname
Explanation	A text message from an Entire Net-Work workstation node has been received on the identified link. The message is displayed immediately following the NETT025 message.
Action	See the <i>Entire Net-Work 7 User's Guide</i> or the Entire Net-Work 7 online documentation for a description of the message received from the workstation node.
NETT026:	SERVER MESSAGE DISCARDED FROM CLIENT ONLY LINK xxxxxxxx
Explanation	A server broadcast message was received from a partner Entire Net-Work node with a node ID of 0. The message is ignored and the servers listed in the message are inaccessible.
Action	If the servers on the partner machine need to be accessible from the mainframe, a node ID must be specified in the configuration file of the partner node.

NETT027:	NODE MESSAGE DISCARDED FROM CLIENT ONLY LINK
Explanation	A node message was received from a partner Entire Net-Work node with a node ID of 0. The message is ignored.
Action	No action is required for this informational message.
NETT028:	Entire Net-Work V5 IGNORES SERVERS ON NODES WITH A NODE ID OF 0
Explanation	A server broadcast message was received from a partner Entire Net-Work node with a node ID of 0. The servers on the partner node are ignored. This message is sent to the partner node as an informational message.
Action	No action is required for this informational message.

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NETU* - Batch Utility Program Messages

NETU001E:	-- OPEN ERROR FOR {xxxxxxx}
Explanation	An error occurred while trying to open file xxxxxxx (DDCARD, NETFILE, or DDPRINT) and the file could not be opened. This error causes the utility program to terminate with a return code of 8.
Action	Look at the job log or system log for additional system messages that indicate why the file could not be opened.
Module	NETPFIL1, NETPFIL2
NETU002E:	-- READ ERROR FOR {xxxxxxx}
Explanation	An error occurred while trying to read from file xxxxxxx (DDCARD or NETFILE). This error causes the utility program to terminate with a return code of 8.
Action	Look at the job log or system log for additional system messages that indicate the cause of the I/O error.
Module	NETPFIL1, NETPFIL2
NETU003E:	-- WRITE ERROR FOR DDPRINT
Explanation	An error occurred while trying to write to the DDPRINT file. This error causes the utility program to terminate with a return code of 8.
Action	Look at the job log or system log for additional system messages that indicate the cause of the I/O error.
Module	NETPFIL1, NETPFIL2

NETU004E: **-- CLOSE ERROR FOR xxxxxxxx**

Explanation An error occurred while trying to close file xxxxxxxx (DDCARD, NETFILE or DDPRINT). This error causes the utility program to terminate with a return code of 8. The files are not closed until the end of the program, so the output file may or may not contain the desired data.

Action Look at the job log or system log for additional system messages that indicate the cause of the I/O error.

Module NETPFIL1, NETPFIL2

NETU005E: **-- INVALID FIND PARM SPECIFIED**

Explanation A FIND parameter was specified with an invalid syntax. This probably means that the OFFSET or VALUE keywords were not specified or were specified out of order.

Action Correct the FIND parameter using the following syntax:

```
FIND=logging title,OFFSET=nnn,VALUE=characters  
FIND=logging title,OFFSET=nnn,VALUE=X'hex values'
```

Module NETPFIL2

NETU006E: **-- INVALID OFFSET SPECIFIED ON FIND**

Explanation The OFFSET specified on a FIND parameter did not contain a valid hexadecimal displacement. The displacement value must be a valid hexadecimal number containing only 0-F.

Action Correct the FIND parameter OFFSET=xxx to a valid hexadecimal displacement.

Module NETPFIL2

17 XTS* - Software AG Internal Transport Subsystem

Messages

▪ Warnings	268
▪ Errors	270
▪ Generic TCP/IP Messages	283

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:

<i>Warnings</i>	Provides the message ID, message text, and a brief explanation for each warning message.
<i>Errors</i>	Provides the message ID, message text, and a brief explanation for each error message.
<i>Generic TCP/IP Messages</i>	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 <i>XTS.MSG</i> file. This file contains text for the error messages; there is an internal table also, so <i>XTS.MSG</i> is not mandatory.
XTS0004W	XTS Client already registered
Explanation	Multiple <code>XtsBindClient</code> 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 <i>xts.config</i> 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.
XTS0207E	DS Unknown request
Explanation	An unknown XTSDS request was encountered. Check the syntax of the Directory Server call.
XTS0208E	DS No Entries
Explanation	A Directory Server call resulted in no entries found for the specified target.
XTS0209E	DS Delete Failed
Explanation	A Directory Service delete call failed. Check the log file for detailed information.
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.
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.
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

18 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 <i>Adabas Messages and Codes</i>).
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 <i>Adabas Messages and Codes</i>).
234	MPMBS2	Enqueue to IDT failed (BS2000)
235	MPMBS2	Unable to acquire memory for MPM client table UTAB (BS2000)
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.
253	MPMIND	Nonrecoverable abend (caused by STAE/STXIT processing program check or nucleus abend) See the ADAM99 message description in <i>Adabas Messages and Codes</i> .
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 subsystem name specified is already being used by another ADABAS SVC. Select another subsystem name and rerun the job.
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
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

Code	Module	Explanation
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	
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

Code	Module	Explanation
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
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

Code	Module	Explanation
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
	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

Code	Module	Explanation
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
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 <i>userid</i> (the last eight bytes of the 28-byte Adabas communication ID). When this userabend occurs, contact your Software AG support representative and

Code	Module	Explanation
		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.
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.

Code	Module	Explanation
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 SVCVSE	IDT extension not provided. Possible incorrect version of ADASIR (z/OS) or ADAIPR (z/VSE).
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 LNKBTO	Unable to set up the DBID/IDT Table (Get Memory error) ADATMZ invalid header provided
680	LNKBS2 LNKBTO LNKCX	Could not get router ID table memory pool. Check the ID table name in the parameter file/module. ADATMZ unable to obtain work area
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
683	LNKBTO	Multiple ECB wait not supported
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

Code	Module	Explanation
690	ADAIOR	A call has been issued in SRB mode, but Adabas is not zIIP-enabled
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

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