

Entire Net-Work

Entire Net-Work Messages and Codes

Version 6.5.1

October 2019

This document applies to Entire Net-Work Version 6.5.1 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:

<i>Message formats</i>	Describes how you can identify an Entire Net-Work message and its origin.
<i>Adabas and Entire Net-Work Response Codes</i>	<p>Describes Adabas response codes, including the group of Adabas response codes reserved for Entire Net-Work (response codes in the range 220-227).</p> <p>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.</p> <p>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.</p>
<i>DCAM Feedback Codes</i>	DCAM feedback codes (the first non-zero bytes).
<i>SNA Sense Codes</i>	Describes the popular SNA sense codes used in conjunction with a DCAM/VTAM link and TRANSIT/CD.
<i>ADACM* - ADATCP Messages</i>	Describes the ADATCP messages.
<i>APSPSXnnnn, ADAECS or ADATCP Messages</i>	Describes the APSPSX*, ADAECS, and ADATCP messages related to conversion.
<i>Software AG Mainframe Licensing Error Messages (MLC* messages)</i>	Describes error messages issued by Software AG's mainframe licensing software and the license utility (LICUTIL)

<i>NETnnnn - Entire Net-Work Control Module Messages</i>	Describes the Entire Net-Work control module messages.
<i>NETB* - Entire Net-Work Expandable Buffer Pool Messages</i>	Describes the Entire Net-Work expandable buffer pool messages.
<i>NETC* - CTC Option Messages</i>	Describes the CTC line driver and FCTC line driver messages.
<i>NETD* - DCAM Option Messages</i>	Describes the DCAM line driver messages.
<i>NETE* - zEnterprise Data Compression (zEDC) Support Messages</i>	Describes the zEDC messages produced by Entire Net-Work.
<i>NETInn - ADAIOR Messages</i>	Describes the ADAIOR messages.
<i>NETInnnx - IUCV Line Driver Messages</i>	Describes the IUCV line driver messages.
<i>NETM* - ADAMPM Messages</i>	Describes the ADAMPM messages.
<i>NETL* - Licensing Messages</i>	Describes the DCAM Feedback Codes licensing messages.
<i>NETP* - TCP/IP and Simple Connection Line Driver Messages</i>	Describes the TCP/IP line driver and Simple Connection Line Driver messages
<i>NETQ*- CSCI Messages</i>	Describes the CSCI messages.
<i>NETS* - NETSIP/NETSIR Initialization Program Messages</i>	Describes the NETSIP/NETSIR initialization program 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>NETV* - VTAM Line Driver Messages</i>	Describes the VTAM line driver messages.
<i>NETX* - XCF Option Messages</i>	Describes the XCF line driver 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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- Access articles, code samples, demos, and tutorials.
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- 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>ADACMnn</i>	ADATCP component (direct TCP/IP link to UES-enabled databases) messages
<i>APSPSXnnnn</i>	CDI protocol driver messages, provided to support the ADATCP module (direct TCP/IP link to UES-enabled databases)
<i>MLCnnnn</i>	Software AG mainframe product licensing messages
<i>NETnnnn</i>	Entire Net-Work control module messages.
<i>NETBnnn</i>	Expandable buffer pool messages.
<i>NETCnnn</i>	CTCA line driver messages.
<i>NETDnnn</i>	DCAM line driver 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>NETInnn</i>	IUCV line driver messages.
<i>NETMnn</i>	These Entire Net-Work system messages correspond to ADAMP messages documented in the Adabas Messages and Codes manual. The Entire Net-Work messages begin with NETM; the corresponding ADAMP messages begin with ADAM.
<i>NETPnnn</i>	TCPI and TCPX line driver messages.
<i>NETQnnn</i>	CSCI messages.
<i>NETSnnn</i>	NETSIP/NETSIR messages by the Entire Net-Work SVC installation/initialization programs.
<i>NETTnnn</i>	Messages from the ASCII to EBCDIC translation routines.
<i>NETUnnn</i>	Batch utility program messages.
<i>NETVnnn</i>	VTAM line driver messages.
<i>NETXnnn</i>	XCF line driver 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.
48	An obsolete internal request to shut down Adabas, supposedly coming from Entire Net-Work, has been issued and rejected.
50	The Router (LCC) detected an invalid command code. This may also arise when a new ACBX-type call is presented to a back-level router.
51	A client call with the ADARUN parameter PREFETCH=OLD has multiple APLX buffers or the contents of APLX+4(chained APLX) is non-zero. To resolve this, use the ADARUN parameter setting PREFETCH=YES.
52	A non-Adabas target was called.
53	Invalid file specified for an Adabas Online System function.
54	The user was stopped with STOPUR or STOPSUR.

Subcode	Meaning
55	The command is returned because the command queue timeout time specified by the DELCQ operator command or the AUTOCQTIME ADARUN parameter was reached or exceeded for the command.
1005	The command code is invalid.
1006	The ACBX is invalid (not first buffer).
1007	The ABD is invalid.
1008	The ABD type is invalid.
1009	More than one search buffer specified.
1010	More than one value buffer specified.
1011	More than one ISN buffer specified.
1012	The number of search and value buffers do not match.
1013	The number of format and record buffers do not match.
1015	A streaming logic error occurred.

Action Correct the command code or command option or the previous OP command, and rerun the program.

Response 23

Origin Mainframe and open systems

Explanation An invalid starting ISN was specified for an L2/L5 command sequence:

- The ISN was not assigned to a record in the file; or
- The ISN was greater than the MAXISN in effect for the file.

Open Systems

On open systems the following subcodes may occur:

Subcode	Meaning
249 (0x00F9)	An invalid ISN was detected by Adabas Vista (open systems). The starting ISN specified for an L2/L5 command sequence is not consistent with the definitions for the partitioned file. <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.
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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>fldD</i> , <i>fldL</i> , <i>fld,*</i> or <i>E(date-time-mask)</i> notation.
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>).

Subcode	Meaning
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.
31	Daylight savings time indicator notation (<i>fldD</i>), length indicator notation (<i>fldL</i>), and asterisk notation (<i>fld,*</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>).

Subcode	Meaning
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

Subcode	Meaning
1	Too many TBLES elements for this user.
2	The maximum value for the NQCID parameter was exceeded (the number of TBI and/or TBQ elements is greater than NQCID).

Open Systems

Mismatch of format buffer usage for the supplied command ID.

- A command ID of global ID format buffer has been found in the format pool and has a different file number to the file supplied by the caller;
- The file number was changed in subsequent Adabas calls with the same normal or global command ID.

Action

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

Mainframe Systems

Adjust the size of the NQCID parameter and try again.

Open Systems

Check the command IDs used in the call and try again.

Response 47

Origin

Mainframe and open systems

Explanation

The maximum value for the NISNHQ parameter was exceeded. The following subcodes appearing in the low-order (rightmost) two bytes of the ACB's Additions 2 field or in the ACBX's Error Subcode (ACBXERRC) field provide more detailed information.

Subcode	Meaning
1	<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.
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.

Subcode	Meaning
19	The file number is zero or is greater than the maximum number of files allowed for the database (based on the MAXFILES parameter setting when the database was defined using the ADADEF utility).
20	A regenerate/backout with exclusive database control is rejected because there are in-doubt transactions or heuristically terminated transactions on Work part 4.
21	File is locked for utility usage.
22	An attempt was made to release an advance-lock, but the lock was not set.
23	An advance-lock operation was attempted for a file that has not been loaded.
24	An advance-lock operation was attempted for a file that is already advance-locked.
25	<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	Reserved for Adabas Transaction Manager. These subcodes are given only when Adabas Transaction Manager is in use. Please read the Adabas Transaction Manager documentation for more information.
31	File locked for normal usage
32	A file is in use by an exclusive update (EXU) user. An update request from another user is not permitted.
33	A file is locked for exclusive file control (EXF) or utility update (UTI) usage. The request from a user with a different type is not permitted.
34	An advance-lock operation was performed on a read-only nucleus.
35	An advance-lock operation was performed during an online save.
36	Nucleus in REGENERATE/NOAUTOBACKOUT state.

Subcode	Meaning
257 - 260	Reserved for use by Event Replicator for Adabas on open systems.

On open systems, the corresponding file number is returned in the first two bytes of the Additions 2 field in binary format except for value 8 in the third and fourth byte. The value 0 means the whole database.

Action

The following user actions are possible:

- Wait for the other user or utility to finish, then retry the command.
- Make the file available for all users (on open systems, if value 16 occurred in bytes 3 and 4).
- Restore or unlock the file (on open systems, if value 17 occurred in bytes 3 and 4).
- Rebuild the file's index (on open systems, if value 18 occurred in bytes 3 and 4).
- On open systems, if the value in bytes 3 and 4 of the Additions 2 field is 8, and the nucleus was started with the OPEN_REQUIRED option, you can reissue the OP command immediately. This will cause the other user with the same user ID to be stopped, unless that user is currently active.
- On open systems, if a utility receives a response 48 because non-utility users are still active, you can lock the file with ADAOPR LOCK. This ADAOPR command stops all non-utility users from accessing the file and allows only utility users to access the file until it is unlocked again.

On mainframe systems, if a utility receives a response 48 because non-utility users are still active, you can lock the file with ADADBS MODFCB FILEREADONLY. The FILEREADONLY command stops all non-utility users from accessing the file and allows only utility users to access the file until it is unlocked again.

Response 49**Origin**

Mainframe and open systems

Explanation

The compressed record was too long. It exceeds the maximum permitted compressed record length for the file.

On open systems, the first two bytes of the Additions 2 field contain the length of the compressed record in binary format.

On mainframe systems, the following subcodes may be indicated:

Note: This response code always means that the compressed record is too long and there are duplicate meanings for subcodes but the subcode can help your Software AG technical support representative analyze where in the code we are giving the response. This can be useful for debugging purposes. Please always provide the subcode when communicating about this response code with your Software AG technical support representative.

Subcode	Meaning
	File(s) not available at open time. This is the default message displayed with this response code if another subcode is not provided.
1	Multiple-value (MU) field.
2	Periodic (PE) group field.
3	MU field.
4	PE group.
5	PE group level.
6	Remaining fields.
7	Record too long for protection logging (internal error).
8	A compressed record exceeds the permitted length. The error was detected when updating a multiple field.
9	Exceeded segment length maximum.
10	Long alpha or wide field.
11	New compressed record too long
12	Old version MU update.
13	The MU field was defined with an index
14	An MU update caused the compressed record to become too long.
15	An MU update caused the compressed record to become too long.
16	An MU update caused the compressed record to become too long.
17	MU update, MU count > 1
18	An update to an LA field caused the compressed record to become too long.
19	LOB value too long. An attempt was made to update a LOB value segment that ends after the maximum allowed length of LOB 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 \geq 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>

Subcode	Meaning
3	The record buffer is too small. When locating a variable field within a group in the input record, the required record buffer length exceeded the given length. <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.
4	The record buffer is too small. When locating a field with A,* notation in the input record, the required record buffer length exceeded the given length. <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.
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,

Subcode	Meaning
	and is missing the SQL significance indicator (S). For read-type commands, the S indicator is required when the NC fields are defined without the NN option. If the S indicator is not present when a read command detects an NC-specified field and the field actually contains a null value, this response code and subcode are returned.
6	An invalid length was specified (for example, a wide character field in Unicode encoding must have an even length).
7	Invalid conversion between formats (different case than subcode 1).
8	Conversion error of a floating-point field (overflow) when converting to/from a non-IBM floating-point format.
9	A one-byte field was provided in the record buffer for the occurrence count of an MU field or PE group in a file with extended MU/PE limits. A two-byte occurrence count value is expected.
10	A field using the NC field option has a null value and no S indicator was specified in the format buffer.
20	Unsupported date-time conversion -- internal error.
21	Date-time value outside valid range. The valid range depends on the date-time edit masks being used in the format or search buffer and the FDT.
22	Invalid local time – (non-existing local time in the gap that occurs when switching from standard to daylight saving time or when the time zone advances GMT offset)
23	Year outside range of 1-9999.
24	Month outside range of 1-12.
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.

Subcode	Meaning
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:

- 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.
22	You are using the CORS09 client component in a zIIP enabler for Natural environment and Natural zap NA97065 is not applied. <i>Action:</i> Apply Natural zap NA97065.
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.

Subcode	Meaning
35	<p>Memory allocation failure. Insufficient memory was available for an internal area needed for NIM support. This is an Adabas System Coordinator error.</p> <p><i>Action:</i> Increase the job region size.</p> <p>Note: This subcode is not subject to COR Debug.</p>
38	<p>Internal command error: Unsupported memory function</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
43	<p>Initialization Error. An error occurred during job initialization in Adabas System Coordinator.</p> <p><i>Action:</i> Ensure that correct runtime controls were defined for the job. If problem persists, contact Software AG Support.</p>
46	<p>CAS: No group header record. This error appears if Adabas System Coordinator fails to find a header record for the required System Coordinator group.</p> <p><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.</p>
49	<p>Internal eventing error: Illegal request.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
50	<p>Internal error processing add-on products.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
53	<p>This job is not defined to use the daemon.</p> <p><i>Action:</i> Review and correct the installation for this job.</p>
54	<p>Internal services error.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
55	<p>Latency processing 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>
56	<p>Latency processing error. This is an internal error in Adabas System Coordinator.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>

Subcode	Meaning
	Note: This subcode is not subject to COR Debug.
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>

Subcode	Meaning
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>
68	<p>z/OS only: The batch Adabas System Coordinator client component (CORS01) is being incorrectly used for a Multi-TCB job.</p> <p><i>Action:</i> Refer to installation step “Add the System Coordinator to the Adabas Client” in the Installation Procedure section of the Adabas System Coordinator Installation documentation for information regarding the available CORS0<i>n</i> client components and their applicability to different job types.</p> <p>If the problem persists, contact your Software AG technical support representative.</p>
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>

Subcode	Meaning
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	Internal handshake token validation error.
91	<p>Latency processing error (no facility). This is an internal error in Adabas System Coordinator. <i>Action:</i> 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>

Subcode	Meaning
	Note: This subcode is not subject to COR Debug.
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)	<p>The standard Adabas or Entire Net-Work ADALNKX library could not be loaded.</p> <p><i>Action:</i> Check that the ADALNKX parameter in the Initialisation File (cor.cfg) is set correctly and that the library exists.</p>
2 (0x0002)	<p>The standard Adabas or Entire Net-Work ADALNKX library could not be loaded.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
3 (0x0003)	<p>The standard Adabas or Entire Net-Work ADALNKX library does not export all expected functions.</p> <p><i>Action:</i> Check that the ADALNKX parameter in the Initialisation File refers to an ADALNKX library and not an ADALNK or ADALNK32 library.</p>
4 (0x0004)	<p>Adabas did not return the database architecture information in the ISN lower limit field when an OP command was issued to the Configuration File.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>

Subcode	Meaning
5 (0x0005)	<p>The path to the Initialisation File (<i>cor.cfg</i>) could not be determined.</p> <p><i>Action:</i> Check the HKLM\SOFTWARE\Software AG\Adabas System Coordinator registry key and ensure the Path value is set correctly (Windows).</p> <p>Check that the \$CORDIR and \$CORVERS environment variables are set correctly (Unix).</p>
6 (0x0006)	<p>The ADALNKX parameter could not be read from the Initialization File (<i>cor.cfg</i>).</p> <p><i>Action:</i> Check that the Initialization File exists and that the ADALNKX parameter is set correctly.</p>
7 (0x0007)	<p>The LFILE parameter could not be read from the Initialization File.</p> <p><i>Action:</i> Check that the Initialization File (<i>cor.cfg</i>) exists and that the LFILE parameter is set correctly.</p>
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 <i>adabas()</i> function and the lengths specified for the buffers in the Adabas control block.</p>

Subcode	Meaning
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>
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>

Subcode	Meaning
22 (0x0016)	Port conflict (the allocated port is in use by another Adabas System Coordinator Group). <i>Action:</i> Assign a different Group Services port to the Adabas System Coordinator Computer using System Management Hub.
23 (0x0017)	Unable to spawn process (the command line parameters specified for the process are invalid). <i>Action:</i> Contact your Software AG technical support representative.
24 (0x0018)	Length of compressed record buffer length exceeds limit. <i>Action:</i> Contact your Software AG technical support representative.
25 (0x0019)	Length of compressed record buffer could not be determined. <i>Action:</i> Contact your Software AG technical support representative.
26 (0x001A)	Product not installed or not configured correctly. <i>Action:</i> Check that the Adabas add-on product is installed correctly.
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

Subcode	Meaning
	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-FFFFA001	A TCP/IP error occurred. <i>Action:</i> The left-hand side of the subcode contains the operating system error code.
0000A002-FFFFA002	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	<p>The specified ISN was invalid for one of the following reasons:</p> <ul style="list-style-type: none"> ■ An HI command was issued with ISN less than MINISN or with an ISN equal to zero (0). ■ An N2 command was issued with ISN equal to 0 or larger than the MAXISN in effect for the file. ■ An N2 command was issued and the specified ISN was assigned to another record in the file. ■ An A1, L1/L4, or S1/S2/S4 (with FB) command was issued for a nonexistent ISN, or an E1 command for a nonexistent ISN other than zero. ■ An L3/L6 command found an ISN in the index which did not exist in the address converter. ■ An N1/N2 command tried to access a file protected by security-by-value, but the command user is not authorized to access the file. ■ A read or update command tried to access a multiclient file's record using either a blank or incorrect-length owner ID, or an owner ID that does not apply to the record. ■ An RI command was issued for a record that has been updated earlier in the same transaction. The record cannot be released from hold status prior to transaction end. 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
56	Too many buffer elements
80	Messaging is inactive
96	Terminate member unsuccessful
128	Other Trans-ort service error

Action If you are unable to resolve the problem, contact your Software AG technical support representative.

Response 124

Origin Mainframe systems only

Explanation An error was reported by the Adabas cluster messaging service on the receiver's side. The message was sent. One of the subcodes described for response code 123 (ADARSP123) may be present.

Action If you are unable to resolve the problem, contact your Software AG technical support representative.

Response 125

Origin Mainframe systems only

Explanation An internal error occurred when one cluster nucleus attempted to issue an internucleus command to one or more of the other cluster nuclei. This condition usually leads to abnormal termination.

Action Contact your Software AG technical support representative.

Response 126

Origin Mainframe systems only

Explanation A messaging error occurred during internucleus communication:

- The nucleus did not respond within the allotted time (see the ADARUN MXMSG parameter); or
- One or more problems occurred in what could be a broadcast; that is, a communication with multiple targets. In this case, each individual ACB contains either response code 0 (ADARSP000) or 123 (ADARSP123) or 124 (ADARSP124).

Action If you are unable to resolve the problem, contact your Software AG technical support representative.

Response 129

Origin Mainframe systems only

Explanation In an Adabas cluster environment, the user attempted to perform an Adabas function that is not yet supported by Adabas cluster nuclei.

Response 130**Origin**

Mainframe systems only

Explanation

An error identified by one of the following subcodes occurred in an Adabas cluster environment:

Subcode	Description
1	A user table entry (UTE/PLXUSER) was not found in the MPM 8 call. This may indicate that a command was directed to an Adabas Cluster Services or Adabas Parallel Services nucleus ID (NUCID), not the DBID.
2	A user table entry (UTE/PLXUSER) was not found in the MPM 12 call.
9	The associated PLXUSER(UTE) was unsuitable at command initiation. One possibility is that the UQE of the user was deleted between the time the user's command was routed to one nucleus in the cluster and the time that nucleus selected the command for processing. Another possibility is that the PLXUSER and UQE UID string did not match because the PLXUSER may have been released and possibly reassigned to another user.
10	The associated PLXUSER(UTE) was unsuitable at command completion. The PLXUSER and UQE UID string did not match because the PLXUSER may have been released and possibly reassigned to another user.
11	No Work data set entry in active PPT block (bad PPT block).
12	Invalid internal NUCID (internal error).
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 URBREERRC. <i>Action:</i> Check the URBREERRC 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.
4	There is insufficient space in the Event Replicator Server replication pool. In other words, the value specified by LRPL has been exceeded. <i>Action:</i> Increase the size of the LRPL parameter and try again.
5	The subscription user exit modified data length (URBDLEND) to an invalid value. <i>Action:</i> Check the subscription user exit.
6	The response destination (URBIRNAM) specified in a client request is undefined or not usable for sending the response. <i>Action:</i> Correct the status request to specify the name of an existing destination definition.
7	Both the subscription (URBISNAM) and the destination (URBIDNAM) to be specified in a status request are missing. At least one of them must be specified. <i>Action:</i> Correct the status request.
8	The subscription (URBISNAM) specified in a status request is undefined. <i>Action:</i> Correct the status request.
9	The initial state name specified was not found. <i>Action:</i> Correct the initial-state request.

Subcode	Meaning
10	The destination for response in URBI following URBI 1 is not equal to those of URBI 1. <i>Action:</i> Correct the initial-state request.
11	The initial state name in URBI following URBI 1 is not equal to that of URBI 1. <i>Action:</i> Correct the initial-state request.
12	The combination of DBID and file specified in the initial-state request is not found in the initial-state definition. <i>Action:</i> Correct the initial-state request.
14	Not all combinations of DBID and file are specified in the initial-state request. A URBI must be sent for each DBID/file specified in the initial-state definition. <i>Action:</i> Correct the initial-state request.
15	Field URBILEND is invalid. <i>Action:</i> Correct the initial-state request.
16	The specified ISNLIST is invalid. <i>Action:</i> Correct the initial-state request.
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.

Subcode	Meaning
23	<p>Invalid UES parameter in URBI . URBIARC, URBIACOD, and URBIWCOD must contain invalid values and must not be all blanks.</p> <p><i>Action:</i> Verify that the URBIARC, URBIACOD, and URBIWCOD elements are not all blanks.</p>
24	<p>Invalid UES parameter in URBI.</p> <p>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.</p> <p><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.</p>
25	<p>The unused URBIRES1 and URBIRES2 fields must contain binary zeros for all requests.</p> <p><i>Action:</i> Verify that these fields contain binary zeros.</p>
26	<p>The destination (URBIDNAM) specified in a client request is either undefined or not usable for sending the response.</p> <p><i>Action:</i> Correct the client request.</p>
27	<p>No active destinations for status request.</p> <p><i>Action:</i> No action is required.</p>
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>

Subcode	Meaning
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>
41	<p>URBIINAM may not be specified for prior-transaction requests.</p> <p><i>Action:</i> Correct the prior-transaction request.</p>
42	<p>UES parameters URBIARC, URBIACOD and URBIWCOD may not be specified for prior-transaction requests.</p> <p><i>Action:</i> Correct the prior-transaction request.</p>
43	<p>Reserved fields URBIRES1 and URBIRES2 must be zero for prior-transaction requests.</p> <p><i>Action:</i> Correct the prior-transaction request.</p>
44	<p>Number of active concurrent initial-state requests exceeded IMAXREQ.</p> <p><i>Action:</i> Increase the IMAXREQ setting or reduce the number of active concurrent initial-state requests.</p>

Subcode	Meaning
45	<p>Input request URBH eyecatcher 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>
46	<p>Input request URBHLEN 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>
47	<p>Input request URBHBORD 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>
48	<p>Input request URBHVERS 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>
49	<p>Input request message truncated.</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>
50	<p>Input request URBHLENT 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>
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>

Subcode	Meaning
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>
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>

Subcode	Meaning
	<i>Action:</i> Use application-specific means to bring the replicated data in sync again, if necessary.
63	The file specified in a C5 command with R-option is not replicated. <i>Action:</i> Specify the file number of a replicated file.
64	The filter defines a comparison between two field types for which a comparison is invalid. <i>Action:</i> Correct the filter definition.
65	The filter refers to a field that is not defined in the internal format buffer. <i>Action:</i> Correct the filter definition or define the field in the database.
66	The filter defines a comparison against a field that is not selectable as it has no type (for example, a superdescriptor). <i>Action:</i> Correct the filter definition.
67	The filter uses values in an FLIST specification that are invalid or out of range. <i>Action:</i> Correct the filter definition.
69	Replay for same DBID/FNR already running.
71	Date/time format or value incorrect for replay. <i>Action:</i> Check the syntax of the specified date and time values. Do not specify future date and time values.
72	Incorrect replay parameters. <i>Action:</i> Check and correct the specified replay parameters.
73	A subscription involved in the replay was inactive at the beginning of replay processing or was deactivated while the replay was running. <i>Action:</i> Reactivate the deactivated subscription and rerun the replay process for the subscription.
74	A destination involved in the replay was inactive at the beginning of replay processing or was deactivated while the replay was running. <i>Action:</i> Reactivate the deactivated destination and rerun the replay process for the destination.
75	A replay destination that was defined without SLOG was closed at the beginning of replay processing or while the replay was running. <i>Action:</i> Reopen the closed destination and rerun the replay process for the destination.

Subcode	Meaning
76	ADARPL terminated abnormally. <i>Action:</i> Investigate the cause of the error, correct it, and run a new replay job.
77	Invalid replay status transition. Events that change the status of a replay process occurred in an unexpected order. <i>Action:</i> Notify your Software AG technical support representative.
78	New transactions from Adabas could not be kept on hold during a replay in synchronized mode. <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.
79	A replay process was canceled by a user (RPLCLEANUP operator command). <i>Action:</i> If appropriate, run another replay job with corrected parameters.
80	A timeout occurred while the Event Replicator Server was waiting for the end of a synchronization process after reactivating replication for a file in Adabas. The synchronization process ends when all transactions have finished that had updated the file before it was reactivated. <i>Action:</i> Wait until the Event Replicator Server reports the activation of the file (ADAF2L message). Then run a new replay job.
81	A utility other than ADARPL specified a replay token when connecting to the Event Replicator Server. <i>Action:</i> Notify your Software AG technical support representative.
82	The Event Replicator Server is not connected to Adabas at the start of a replay process with the TOKEN parameter. <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.
83	Neither a subscription nor a destination was specified in a replay request. <i>Action:</i> Specify at least one subscription or destination.
84	A replay in replay-only mode was requested, but replication data from Adabas would flow through an active subscription-destination pair involved in the replay. For a replay in replay-only mode, some subscriptions and destinations must be inactive such that no data from Adabas can flow through the same subscription-destination pairs as the replay data from ADARPL. <i>Action:</i> Change the replay parameters or the activation status of the subscriptions or destinations involved in the replay.

Subcode	Meaning
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>
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>

Subcode	Meaning
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>
103	<p>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.</p> <p><i>Action:</i> No action is required.</p>
104	<p>Begin byte in field filter is longer than the field length.</p> <p><i>Action:</i> Adjust the specifications for the beginning byte or length and try again.</p>
105	<p>Begin byte plus the portion length in the field filter is longer than the field length.</p> <p><i>Action:</i> Adjust the specifications for the beginning byte or the portion length and try again.</p>

Subcode	Meaning
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.
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.

Subcode	Description
261	The LOB file has been left in an inconsistent state by an aborted utility execution.
262	An LB field length element specification error occurred in the format buffer ('xxL,4,B' was expected).
263	An invalid LOB file segment descriptor was encountered. The set of LOB file segment records associated with one LB field value is inconsistent. Either the LOB file is bad or an illegal concurrent LOB file update occurred during the LOB file read operation.
264	An invalid LOB file segment record was encountered. The contents of a LOB file record are inconsistent. The LOB file is bad.
265	The length of an LB field value in the LOB file differs from the length stored in the associated base file record. Either the base file and the LOB file are out-of-sync or an illegal concurrent LOB file update occurred during the LOB file read operation.
266	A bad LB field value reference was encountered in a base file record. The base file is bad.
267	An LB field value referred to in a base file record is not present in the LOB file. Probably, the base file and the LOB file are out-of-sync.
268	Internal LOB update error. At the end of a LOB update in the LOB file, the LOB value reference or placeholder was not found in the associated base file record where it was expected. Possibly, the base file record was changed in parallel.
270	Internal LOB update error. At the end of a LOB update in the LOB file, the base record was not in exclusive hold status anymore.
297	A planned feature for large object (LB) fields (for example, character code conversion of LB field values) is not yet supported.
298	Too many (more than 32,767) LB field occurrences were specified in the format buffer.
299	An internal error occurred due to LOB file processing.

Open Systems

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

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

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

Mainframe Systems

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

Open Systems

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

If the subcode (field ACBXERRC in the ACBX) is not one of the subcodes mentioned above, and if the response code 132 is reproducible even though the accessed LOB fields are not being updated, contact your Software AG technical support representative.

Response 133

Origin Mainframe systems only

Explanation An error was detected when an attempt was made to replicate a compressed record. The subcode identifies the kind of error.

Subcode	Description
1	The function is not permitted for this type of file. The file is a LOB-file.
2	The compressed input record length is invalid .
11	The record structure is invalid.
12	An invalid elementary empty field was encountered. The structure does not agree with the FDT definition.
13	An invalid multiple-field count was encountered.
14	An invalid periodic group count was encountered.
15	An invalid structure of an elementary field was encountered.
65	A space calculation error occurred.

Response 134

Origin Mainframe systems only

Explanation An error was detected when creating system fields. The subcode identifies the kind of error.

Subcode	Description
1	An invalid update parameter was encountered (logic error).
2	The field is not a system field.
4	The file does not support a setting of MUPEX=2 (number of MU occurrences greater than 191).

Response 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 An error was detected in an inverted list index; a descriptor value was not found during a delete operation. The cause may be damage in the Associator.

On open systems, bytes 3 and 4 of the Additions 2 field contains the name of the descriptor that caused the error.

Action On open systems perform the following steps:

1. Locate the descriptor that caused the error in the Additions 2 field of the user control block;
2. Run the VERIFY option of ADAINV for this descriptor and save the output;
3. Reinvert the descriptor;
4. If necessary, restart the database (if this is possible);
5. Send the following information to your Software AG technical support representative:
 - The output of the VERIFY option of ADAINV;
 - All available PLOGs;
 - The FDT of the file containing the error;
 - If the nucleus crashed, the crash directory.

Response 167

Origin Mainframe and open systems

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

Mainframe Systems

The field in a coupled file does not exist or the coupled list is invalid.

Open Systems

An error was detected in an inverted list index; a descriptor value was already present during an insert operation.

Bytes 3 and 4 of the Additions 2 field contains the name of the descriptor that caused the error.

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

Mainframe Systems

Open Systems

Complete the following steps:

1. Locate the descriptor that caused the error in the Additions 2 field of the user control block;
2. Run the VERIFY option of ADAINV for this descriptor and save the output;
3. Reinvert the descriptor;
4. If necessary, restart the database (if this is possible);
5. Send the following information to your nearest support center:
 - The output of the VERIFY option of ADAINV;
 - All available PLOGs;
 - The FDT of the file containing the error;
 - If the nucleus crashed, the crash directory.

Response 168**Origin**

Mainframe systems only

Explanation

An internal command ID required during coupling processing was not found.

Response 170**Origin**

Mainframe and open systems

Explanation

The Adabas RABN required for the command could not be located for one of the following reasons:

- The buffer segment was called with a RABN of zero.
- The specified RABN does not belong to this database and is invalid.

On open systems, the Additions 2 field contains the invalid RABN in 4 byte binary format.

Action

On open systems, run the LOST, INDEX and DATA options of ADAVFY for the file in question and contact your Software AG technical support representative.

Response 171**Origin**

Mainframe systems only

Explanation

The constant set used by Adabas could not be located.

Response 172

Origin Mainframe and open systems

Explanation On mainframe systems, an ISN was less than the MINISN or greater than the MAXISN setting in effect for the file.

On open systems, the maximum possible ISN of the file was reached and no more can be allocated.

Action On open systems, if the file contains significantly less than 2^{32} records, you should unload the file with ADAULD and reload it with ADAMUP without USERISN. However, you must be aware that problems may arise if the ISNs have semantics for you - if, for example, you use the ISNs to reference records in this file, additional reorganization of these references will be necessary. The alternative to unloading and reloading the data is to split up your data into more than one file, and to adapt your application accordingly.

Response 173

Origin Mainframe and open systems

Explanation An invalid Data Storage RABN was detected.

On open systems, the Additions 2 field contains the invalid RABN in 4 byte binary format.

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

Response 174

Origin Mainframe systems only

Explanation For an L2/L5 command with start ISN, the Data Storage RABN stored in the address converter for the file is invalid.

Response 175

Origin Mainframe systems only

Explanation An inconsistency was detected between the index and Data Storage.

This response code can be expected when reading a descriptor value for a ciphered file if an incorrect cipher code was used.

Subcode	Meaning
99	On logical reads and simple searches without hold, the index value is compared with the value from the data record to ensure consistency. When the values do not match, the read or search is repeated in order to avoid the effects of a possible parallel update. If the values still do not match, response 175 is given.

Action Run the ADACHK utility against the file, and contact your Software AG technical support representative.

Response 176

Origin Mainframe and open systems

Explanation Either an inconsistency was detected in an inverted list or an internal error occurred during inverted list processing.

On open systems, the Additions 2 field contains the inconsistent RABN in 4-byte binary format.

On mainframe systems, the following possible subcodes are associated with this response code:

Subcode	Meaning
2	Bad index
3	Invalid search request
4	Invalid format indicator or field not found in FDT/SDT
11	Invalid search request
12	Bad index block
13	Bad UI block
14	Mismatch block length
15	Bad MI block
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.
30	A utility function-level authorization check failed. The user is not permitted to perform this utility function.
1060	Open systems ADASAF phase 1 failed.
1061	Open systems ADASAF phase 1 failed with response.
1062	Open systems ADASAF phase 2 failed.

For more information about Adabas SAF Security, read the Adabas SAF Security documentation.

Action Resolve the security error, perhaps by simply supplying the correct password.

Response 201

Origin Mainframe and open systems

Explanation The specified password was not found.

Action Supply the correct password.

Response 202

Origin Mainframe and open systems

Explanation An attempt was made to use a file for which the user is not authorized, or the file password is being changed, or, if Adabas Security is being used, the file has attached Security By Value on this field.

Action Either correct the authorization, or retry the operation with the new password, or, if Adabas Security is being used, remove the Security By Value on the field before the operation on the file can be retried.

Response 203

Origin Mainframe systems only

Explanation An attempt was made to delete a record in a file for which the user is not authorized.

Response 204

Origin Mainframe and open systems

Explanation On mainframe systems, a password pool overflow occurred.

On open systems, the password supplied is already in use.

Action On open systems, change the password to one that is not already existing.

On mainframe systems, check and possibly increase the value specified for ADARUN LCP parameter in the Adabas nucleus.

Response 207

Origin Mainframe systems only

Explanation Adabas SAF Security completed phase 1 of logon and requested phase 2. This is an internal Adabas SAF Security and ADALNK two-phase response code for a remote workstation logon. This code is normally not displayed or presented.

For more information, read your Adabas SAF Security documentation.

Action Send a phase 2 logon request to Adabas SAF Security.

Response 208

Origin Mainframe and open systems

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

For more information, read your Adabas SAF Security documentation.

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

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

Response 209

Origin Mainframe systems only

Explanation Adabas SAF Security detected an expired password on the server. The workstation user's password has expired. This code is normally not returned to the application. Instead the workstation user is prompted to enter a new password.

Action Create a valid password on the server for ACF2, RACF, or Top Secret. Entire Net-Work users may use the Adabas SAF Security feature.

Response 210

Origin Mainframe and open systems

Explanation On mainframe systems, a logical ID was greater than 255 (internal error).

Note: If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

On open systems, a receive buffer was lost in NETRDI.

Action On open systems, the DBA may increase the value of the NAB or NC parameters in the NETRDI in the target node.

Response 211

Origin Mainframe and open systems

Explanation On mainframe systems, an invalid ID table index in the UB (internal error) occurred.

Note: If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

On open systems, a remote utility cannot be executed because OPTIONS = LOCAL_UTILITIES is set for the database.

Action On open systems, contact the DBA of the remote database.

Response 212

Origin Mainframe and open systems

Explanation On mainframe systems, an invalid input/output buffer was encountered for an internal command.

On open systems, a requested function is not implemented in the target architecture.

Action On open systems, execute the utility on the target node.

Response 213

Origin Mainframe systems only

Explanation ID table not found (SVC not properly installed).

Note: If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

The following table describes the possible subcodes that might occur if an Adabas DBID/SVC routing table error occurs:

Subcode	Meaning
16	The specified SVC number does not correspond to a currently installed SVC on the z/OS or z/VSE system. Check to be sure that the specified SVC number is correct and, if it is, ensure that an Adabas SVC is installed using that SVC number.
20	The specified SVC number corresponds to an installed SVC on the z/OS or z/VSE system, but the SVC is not an Adabas SVC. Ensure that the provided SVC number is correct and, if it is, determine why the SVC installed for that number is not an Adabas SVC for z/OS or z/VSE.

Action Inform the DBA. The Adabas installation procedure was not properly executed.

Response 214

Origin Mainframe systems only

Explanation Internal command issued from Adabas version 4 ADALNK.

Response 215

Origin Open systems only

Explanation The Adabas interface (adalnkx, adalnkc, adalnkcnc) 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.

Subcode	Meaning
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.
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.
100	Unable to communicate with the Adabas Directory Server. Check the LTCPSET parameters ADIHOST and ADIPORT.
101	An error occurred when closing a socket. Contact Software AG technical support for assistance.
102	A socket could not be allocated. Contact Software AG technical support for assistance.
103	The TCP/IP socket could not connect to the database. Check that the database is active.
104	Unable to establish a context on the database. Contact Software AG technical support for assistance.
110	Internal error processing a parameter list. Contact Software AG technical support for assistance.
111	An error occurred when sending data on a socket. Contact Software AG technical support for assistance.
120	Unable to receive results due to no database context. Contact Software AG technical support for assistance.

Subcode	Meaning
121	An attempt has been made to receive results from a database which has not previously been contacted. Contact Software AG technical support for assistance.
122	Unable to receive results due to no client context on the database. Contact Software AG technical support for assistance.
123	An error occurred when receiving data on a socket. Contact Software AG technical support for assistance.
130	The RCVTIME has been exceeded whilst waiting to receive data on a socket.

Action In the case of subcode zero, 01 or 02 increase the UB pool by respecifying the NUBS parameter in the link routines. See the LGBLSET macro information in the Adabas Installation documentation.

In all other cases, either the program executing the IPC 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).
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.

Subcode	Meaning
10	The call is not permitted; either ADAEND or an ET-sync point is in process for the nucleus. Force the ATM nucleus to backout (BT) the transaction.
11	The user has not made any updates. A preliminary ET command, therefore, is not permitted.
12	A logic error occurred.
20	The transaction ID (XID) is unknown. This error occurs only in a cluster environment.

Response 220

Origin Mainframe systems only

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

Note: If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

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

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

For z/OS and z/VSE, increase the region size.

Response 221

Origin Mainframe systems only

Explanation The LU size of the remote partner is smaller than the size required for the Adabas request.

Action Either increase the size specified for the LU= parameter on the remote system, or modify the application to reduce its buffer sizes.

Response 222 - 223 (reserved)

Response 224**Origin** Mainframe and open systems**Explanation** An Adabas command has been timed out by Entire Net-Work. The request waited for a reply for a longer time period than specified by the REPLYTIM parameter in either the Entire Net-Work NODE statement or the SET operator command. The reply may be delayed or lost due to a target malfunction, or because of a connecting link failure. If you are using Natural, and all connections are verified, check the ADAMODE setting. The ADAMODE=0 setting is the only option Entire Net-Work supports.**Note:** If you are running with Entire Net-Work, the leftmost two bytes of the ACB Additions 2 field (ACBADD2) or the ACBX Error Subcode field (ACBXERRC) may contain the ID of the Entire Net-Work node that issued this response code.

Subcode	Meaning
1	If the message was compressed using zEDC compression services and the attempt to decompress the message failed, subcode 1 is placed in the rightmost two bytes of the ACB Additions 2 field (ACBADD2) or the ACBX Subcomponent Response Code field (ACBXSUBR).
1076	An XTS timeout error occurred.

Action Check the node and remote database or contact your database administrator for assistance.**Response 225****Origin** Mainframe and open systems**Explanation** A command was issued from a server, such as an Adabas nucleus, to another server, such as Entire Net-Work. The command did not complete within a prescribed time period. The issuer proceeds and no longer expects a response to the command.

Note that the command may still execute in the target. There will be no notification to the issuer if it does. The target may display message ADAM92, User Gone, if the target attempts to notify the issuer of command completion.

The subcode identifies the environment from which the command was issued.

Subcode	Issuer
1	ADAMPM
2	Adabas nucleus, thread-synchronous command
3	Adabas nucleus, not thread-synchronous. Under z/OS, the command was TCB-synchronous.

Action Contact your Software AG technical support representative for assistance if the reason for the command's failure to complete cannot be identified.

Response 226 - 227 (reserved)

Response 228

Origin Mainframe systems only

Explanation This response is issued by an Adabas link routine. It indicates that an ASCII-formatted user request has been issued against an EBCDIC-formatted database that is not properly configured to handle the translation:

1	The SVC is not a valid Adabas version 7 SVC.
2	The database is not UES-enabled.

Action Ensure that your Adabas installation is for a supported version and that the database is UES-enabled. Refer to the UES information.

Response 229

Origin Mainframe systems only

Explanation The Entire Net-Work 5 convertor detected an inconsistency or error in the application format buffer or search buffer and is unable to correctly translate the user's data.

Response 230

Origin Open systems only

Explanation The protocol defined by the X/Open XA specification is violated. This happens, for example, if a user tries to issue an ET call for an XA transaction.

Action Follow the XA specification.

Response 231-239

Explanation These response codes are assigned in some Adabas user exits, and have meanings as defined by the user. One example is the response code in the ADALOG log data field issued by user exit 4.

Action Refer to the description of user exits in the Adabas user, hyperdescriptor, and collation descriptor exits documentation for more information.

Response 240

Origin Mainframe systems only

Explanation Adabas Transaction Manager encountered an error. The error code can be found in the Adabas control block Additions 2 field, in the low-order (rightmost) two bytes. A response code may occur in the first two bytes of the Additions 2 field.

Action Check the meaning of the Adabas Transaction Manager error code. If the cause of the problem is not apparent, contact your Software AG technical support representative.

Response 241

Origin Mainframe and open systems

Explanation The explanation for this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

Mainframe Systems

Adabas Transaction Manager (ATM) received an unexpected Adabas response code. The subcode and response code can be found, in that order, in the Adabas control block Additions 2 field. If a positive response code value appears in the Additions 2 field, the response code was detected by the ATM transaction manager. If a negative response code value appears in the Additions 2 field, take its complement: this is the response code received by the client proxy's attempt to communicate with the ATM transaction manager.

Open Systems

The system cannot load the specified user exit shared library or dynamic load library, or the specified function does not exist in this shared library or dynamic load library. If the function does not exist in the shared library or dynamic load library, bytes 1 and 2 of the Additions 2 field contain the system's error number in binary format, otherwise these two bytes contain 0. Bytes 3 and 4 of the Additions 2 field contains the number of the ADALNK user exit which failed in binary format.

Subcode	Meaning
1080	UEX_ACBX_0 load failed.
1081	UEX_ACBX_1 load failed.

Action **Mainframe Systems**

Check the meaning of the Adabas response code and subcode. If the cause of the problem is not apparent, contact your Software AG technical support representative.

Open Systems

Make sure that you use the correct environment variable for the user exit.

Response 242

Origin Mainframe and open systems

Explanation The explanation for this response code varies, depending on whether you are using Adabas on mainframe systems or Adabas on open systems.

Mainframe Systems

The Adabase Transaction Manager (ATM) or ATM client proxy was unable to determine the status of the caller's transaction. There might be an ATM error code in the Adabas control block Additions 2 field, in the low-order (rightmost) two bytes.

Open Systems

A double allocation has been detected between two or more files or a file and the free space table.

Action

Mainframe Systems

Check the meaning of the Adabas Transaction Manager error code, if one is present. Otherwise, determine the status of the global transaction using Online Services. If the required action is not apparent, contact your Software AG technical support representative.

Open Systems

Run ADAVFY without any options to find out which parts of which files are affected. Contact your nearest support center with the output from ADAVFY.

Response 243

Origin

Mainframe and open systems

Explanation

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

Mainframe Systems

The Adabas Transaction Manager (ATM) or client proxy received an unsolicited syncpoint request. The action taken or the status of the global transaction that was open is indicated by a subcode in the Adabas control block Additions 2 field, in the low-order (rightmost) two bytes.

Subcode	Explanation and Recommended Action
1	The unsolicited syncpoint request was accepted. The status of the current global transaction is not known. Use Online Services to determine the status of the global transaction.
2	The unsolicited syncpoint request was accepted. The client session's global transaction has been committed.
3	The unsolicited syncpoint request was accepted. The client session's global transaction has been backed out.
4	The unsolicited syncpoint request was accepted. The client session's global transaction had mixed completion (partially backed out, partially committed).
5	The unsolicited syncpoint request was accepted. The client session's global transaction is in backout.
6	The unsolicited syncpoint request was accepted. The client session's global transaction is in commit.
7	The unsolicited syncpoint request was accepted. The client session had no global transaction open.

Subcode	Explanation and Recommended Action
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.

Subcode	Meaning
	<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. <i>Action:</i> Contact your Software AG technical support representative.
11 (0x0000000B)	An incompatible version of Adabas 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.

Subcode	Meaning
	<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. <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.

Subcode	Meaning
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.
30 (0x0000001E)	Attempt to recall an archive using Extractor/Accumulator computers that not sharing the same Repository. <i>Action:</i> Extractor/Accumulator computers for a recall must share the same Repository.
31 (0x0000001F)	No Plan record found for the current archive/recall/search operation. <i>Action:</i> Check that the correct Repository is being used and that the Plan record is still defined.
32 (0x00000020)	Archive failed due to invalid/unsupported Extractor settings. <i>Action:</i> Contact your Software AG technical support representative.
33 (0x00000021)	Archive failed due to invalid/unsupported Transfer settings. <i>Action:</i> Contact your Software AG technical support representative.
34 (0x00000022)	Archive failed due to invalid/unsupported Accumulator settings. <i>Action:</i> Contact your Software AG technical support representative.

Subcode	Meaning
35 (0x00000023)	Recall failed due to invalid or unsupported Extractor settings. <i>Action:</i> Contact your Software AG technical support representative.
36 (0x00000024)	Recall failed due to invalid or unsupported Transfer settings. <i>Action:</i> Contact your Software AG technical support representative.
37 (0x00000025)	Recall failed due to invalid or unsupported Accumulator settings. <i>Action:</i> Contact your Software AG technical support representative.
38 (0x00000026)	Extractor terminated because the Accumulator is not active. <i>Action:</i> Check the response and subcode for the Accumulator in Current or Completed Activities.
39 (0x00000027)	Accumulator timed-out waiting for the Extractor. <i>Action:</i> Check the response and subcode for the Extractor in Current or Completed Activities.
40 (0x00000028)	Message protocol error/incompatibility. <i>Action:</i> Contact your Software AG technical support representative.
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.

Subcode	Meaning
	<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. <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.

Subcode	Meaning
	<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.
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.

Subcode	Meaning
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.
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.

Subcode	Meaning
80 (0x00000050)	<p>Vault or archive damaged.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
81 (0x00000051)	<p>ADR plug-in library could not be loaded.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
82 (0x00000052)	<p>Incompatible ADR plug-in library.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
83 (0x00000053)	<p>Occurrence 'N' cannot be specified for a PE/MU LOB field in an Extractor Filter (Open Systems only).</p> <p><i>Action:</i> Correct the format buffer in the Extractor Filter Settings.</p>
84 (0x00000054)	<p>An Extractor Filter must contain at least one non-LOB field.</p> <p><i>Action:</i> Correct the format buffer in the Extractor Filter Settings.</p>
85 (0x00000055)	<p>The data being archived or recalled contains LOB fields but no LOB file number has been specified.</p> <p><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.</p>
86 (0x00000056)	<p>License file does not provide the Price Units required by the system.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
87 (0x00000057)	<p>License file does not provide the Price Quantity required by the system.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
88 (0x00000058)	<p>License file does not provide Extended Rights.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
89 (0x00000059)	<p>The file size of the archive file checked by the validation process is incorrect.</p> <p><i>Action:</i> Restore the archive file from a backup and rerun the validation to check the integrity of the data.</p>
90 (0x0000005A)	<p>The number of records in the archive file checked by the validation process is incorrect.</p>

Subcode	Meaning
	<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. <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.

Subcode	Meaning
	<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.
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 transger destination. <i>Action:</i> Contact your Software AG technical support representative.

Subcode	Meaning
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. <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.

Subcode	Meaning
124 (0x0000007C)	<p>Incorrect API parameters specified by user.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
125 (0x0000007D)	<p>Memory allocation failed in API.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
126 (0x0000007E)	<p>Internal API error.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
128 (0x00000080)	<p>Incorrect parameter passed to API.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
129 (0x00000081)	<p>API notification failed (state inconsistent).</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
130 (0x00000082)	<p>API library name is too long.</p> <p><i>Action:</i> Reduce the length of the API library name.</p>
131 (0xhhhh0083)	<p>Error occurred while processing the Extraction Syntax. An extended error code (identified by hhhh) may also be reported for subcode 131.</p> <p><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.</p>
132 (0x00000084)	<p>No dynamic extraction object code exists</p> <p><i>Action:</i> Ensure that you have successfully saved and compiled your dynamic extraction syntax.</p>
133 (0x00000085)	<p>Duplicate Related file record with differing scopes.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
134 (0x00000086)	<p>API To-Do list locked, it is already in use by another process.</p> <p><i>Action:</i> Ensure that only one application/process accesses a To-Do list at any one time.</p>
135 (0x00000087)	<p>Extractor data targets do not match those in the Repository.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>

Subcode	Meaning
136 (0x00000088)	<p>Extractor/Accumulator was terminated unexpectedly or cancelled by the user.</p> <p><i>Action:</i> Check the response and subcode for the Extractor/Accumulator in Pending, Current and Completed Activities.</p>
137 (0x00000089)	<p>Accumulator terminated because the Extractor is not active.</p> <p><i>Action:</i> Check the response and subcode for the Extractor in Current Activities or Recently Completed.</p>
138 (0x0000008A)	<p>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.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
139 (0x0000008B)	<p>An archive activity could not be resumed/restarted because the Codepage setting for a Source File or the AMODE/WMODE settings for the associated database have been changed since the activity was paused/failed.</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>

Subcode	Meaning
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> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
148 (0x00000094)	<p>Length mismatch detected whilst updating archive file record.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
149 (0x00000095)	<p>No Vault record found.</p> <p><i>Action:</i> Check that the Vault defined for the Plan or Action exists.</p>
150 (0x00000096)	<p>The ADR Service does not support the granularity setting configured for the Vault.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
151 (0x00000097)	<p>Vault path does not exist.</p> <p><i>Action:</i> Check that the Vault Path defined for the Extractor, Accumulator and ADR Service computers are correct.</p>
152 (0x00000098)	<p>An archive activity could not be validated/restarted because too many archive file segments exist.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>
153 (0x00000099)	<p>Timed-out whilst caching Vault content on local Computer.</p> <p><i>Action:</i> Contact your Software AG technical support representative.</p>

Subcode	Meaning
154 (0x0000009A)	<p>Vault path does not exist.</p> <p><i>Action:</i> Check that the Vault Path defined for the Extractor, Accumulator and ADR Service computers are correct.</p>

Category 7 subcodes:

Subcode	Meaning
0xhhhh7004	<p>An error has occurred whilst accessing a Vault 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>
0xhhhh700B	<p>An error has occurred whilst writing to a Vault 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>

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 <code>NO</code>. 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.

Subcode	Meaning
	<ul style="list-style-type: none"> ■ 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. <p><i>Action:</i> Review and correct the application program.</p>
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>

Subcode	Meaning
	<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. ■ (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 L6command 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

Subcode	Meaning
	<ul style="list-style-type: none"> ■ 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>
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>

Subcode	Meaning
	<i>Action:</i> Review application program and use of DLM option.
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 <code>Enable ISN Positioning</code> 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 ■ 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 <code>Enable ISN Positioning</code>.</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>

Subcode	Meaning
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>
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>

Subcode	Meaning
	<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 <code>Shared Partition</code> 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>
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>

Subcode	Meaning
	<i>Action:</i> Check the rule using Adabas Vista Online Services.
124	An error in the record buffer was detected during processing of an 0P command.
126	One of the following errors occurred while processing an S8 command: <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. <i>Action:</i> Review the application program.
127	One of the following errors occurred while processing an S2 command: <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. <i>Action:</i> Review the application program.
128	One of the following errors occurred while processing an S9 command: <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. <i>Action:</i> Review the application program.
129	The command limit defined for this source file has been exceeded. <i>Action:</i> Review the command limit.
131	A requested file refresh of a partitioned file has failed due to an unexpected Adabas response code. The partitioned file is in a partially refreshed state. <i>Action:</i> Review the Adabas response code.
133	One of the following errors occurred whilst processing a direction change during an L9 command sequence: <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.

Subcode	Meaning
	<ul style="list-style-type: none"> ■ 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> <p><i>Action:</i> Perform a more specific Sx .</p>
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.

Subcode	Meaning
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.
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.

Subcode	Meaning
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 SYSAVL.

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.

Action On open systems, an invalid utility call - versions conflict occurred.
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

Subcode	Meaning
10	Attached buffer overrun
11	Unsupported ABD version
12	ACBX not accepted by target
13	Unable to convert ACBX to ACB
14	ALET value not permitted
15	Unable to process 64-bit buffer address
16	Invalid buffer location indicator
17	Logic error locating ABD
18	More than 65,535 ABDs of any single type.
19	Reserved field not zero
20	ADABDX length incorrect
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

DCAM Feedback Codes

Code	Explanation
0C04	Application not connected with partner. LOSCON contingency processing is probably pending.
0C40	Connection was refused by partner without reason. With TRANSIT-CD (Entire Net-Work VTAM): Line was deactivated (INACT); e.g., /DADM PX25,vr,RESET,vr11r7.
0C48	Time-out for connection request. With TRANSIT-CD (Entire Net-Work VTAM): Cross-domain session did not notice IPL on IBM side; e.g., /DADM PNET,vr,ACT,siehost,siegate.
0C4C	DCAM partner application not active.
0C5CXX	OPNCON was rejected by partner: <ul style="list-style-type: none"> ■ 00: ■ 18: Application not active on SISNIX (via HDLC). ISO=Y on X.25 link. ■ 2: Partner rejects connection; partner has different information (NAME) for this application; or ISO application wanted to connect to a non-ISO application. ■ 5C: Application not active via X.25; or an X.25 "call-user-data" was probably required.
0C78	Immediately after connection installation, the partner or system disconnected. ISO parameter missing.
1840	Invalid processor name: <ul style="list-style-type: none"> ■ Check that the processor name is in RDDF; ■ Issue a /BCIN command.
100408	BDCAM buffer shortage. DCAM driver waits for 5 seconds and retries operation. When GO signal is not used. retry is scheduled after DCAM has given the GO signal.
10040C	BDCAM buffer shortage. Wait for GO signal.

6 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

7 ADACM* - ADATCP Messages

ADACM007E	PARM ERROR
Explanation	One of the parameters passed within the URL was incorrect.
Action	Ensure that the URL includes valid values for all required elements: the API name (protocol), stack ID, and port number. Correct the URL and try again.
ADACM008E	INVALID VALUE IN PORT= PARAMETER
Explanation	The port that was specified in the URL was not valid.
Action	The port number can be 1-5 bytes; it cannot be zero (0) or greater than 65535.
ADACM009E	URL=url ALREADY {ACTIVE CLOSED}
Explanation	Either the URL is already opened (ACTIVE) or already closed (CLOSED).
Action	Ensure that the URL includes valid values for all required elements: the API name (protocol), stack ID, and port number. Correct the URL and try again.
ADACM010E	URL=url NOT FOUND
Explanation	The URL itself was not found.
Action	Ensure that the URL includes valid values for all required elements: the API name (protocol), stack ID, and port number. Correct the URL and try again.
ADACM011I	URL=url HAS BEEN {CLOSED OPENED}
Explanation	Either the URL was successfully closed or opened.
Action	None. This message is for information only.

ADACM012E	THE NETWORK IS DOWN
Explanation	ADATCP cannot be started because the network is not active.
Action	Check that the stack specified in the URL is active. If it is, contact your systems administrator.
ADACM013E	NO BUFFER SPACE IS AVAILABLE
Explanation	No buffer space is available to ADATCP to allocate its control blocks.
Action	Ensure that sufficient storage is available on the system.
ADACM014E	THE LINK HAS BEEN SEVERED
Explanation	An error caused TCP/IP or ADATCP to terminate.
Action	This message is issued along with another message that explains the reason for the termination. Refer to the other message.
ADACM015E	TCP/IP IS NOT INSTALLED OR ACTIVE
Explanation	The TCP/IP stack specified in the URL is not installed or not active.
Action	Check that the specified URL is the one intended. If so, either install the specified stack or start it.
ADACM016E	THE SOCKET DESCRIPTOR TABLE IS FULL
Explanation	The maximum number of socket descriptors has been reached: no more sockets can be created.
Action	Increase the maximum number of sockets that can be created.
ADACM017I	TCP/IP HAS TERMINATED
Explanation	Unless this message is accompanied by an error message, TCP/IP has terminated normally.
Action	If an error message accompanies this message, refer to that message. Otherwise, this message is for information only.
ADACM018E	THE API CANNOT LOCATE THE TCP/IP SPECIFIED
Explanation	The stack specified in the URL is not valid: TCP/IP cannot initialize.
Action	Ensure that the stack is available on the system and that it is active.

ADACM019E	THE TCP/IP NAME SPECIFIED IS NOT VALID
Explanation	The TCP/IP name specified in the URL is not valid.
Action	Check that the URL contains the correct stack name. If so, ensure that the stack is available on the system and that it is active.
ADACM020E	TCP/IP FAILED TO LOAD
Explanation	The TCP/IP stack specified in the URL cannot be initialized.
Action	Ensure that the TCP/IP stack specified is correct and that it is active. If it is correct and active, contact the systems administrator.
ADACM021E	UNABLE TO ALLOCATE STORAGE FOR SOCKETCB
Explanation	ADATCP is unable to allocate the necessary storage.
Action	Ensure that adequate storage is available on the system.
ADACM022E	INVALID OPERATING SYSTEM FOR API=HPS
Explanation	The operating system specified in the URL is incorrect.
Action	The only operating systems currently supported are OES and HPS.
ADACM023E	UNABLE TO INITIALIZE TCP/IP INTERFACE
Explanation	The TCP/IP stack specified in either the URL or the protocol that was used is invalid.
Action	Check that the URL or protocol contains the correct stack name. If so, ensure that the stack is available on the system and that it is active.
ADACM024E	UNABLE TO GET A SOCKET
Explanation	The system is unable to create a new socket. This may be caused by an incorrect stack. If an error number accompanies this message, it will inform you if the problem is inadequate system resources (ENOBUFS) or access denied (EACCES).
Action	Ensure that the correct stack is being used. If the problem is inadequate system resources, contact your systems administrator. Contact your security administrator for system access problems.
ADACM025E	UNABLE TO BIND SOCKET TO LOCAL SYSTEM
Explanation	ADATCP was unable to bind the socket to the local system. Another application may be using the port specified in the URL.
Action	Use the TSO NETSTAT command to check current use of the specified port. If something else is using the port, terminate ADATCP and change the port in the URL.

ADACM026E	UNABLE TO ACCEPT CONNECTIONS
Explanation	ADATCP is unable to accept connections from client applications. This may indicate a shortage of buffer space or that the maximum number of socket descriptors have already been created/opened.
Action	Ensure that adequate buffer space is available to the system. If necessary, increase the maximum number of sockets available to the system.
ADACM027E	UNABLE TO LISTEN FOR NEW CONNECTIONS
Explanation	ADATCP is unable to listen for new connections. This usually indicates that the system resources available to complete the call are inadequate. If an error number is supplied with this message, it will help to identify the problem.
Action	If system resources are inadequate, contact your systems administrator.
ADACM028E	UNABLE TO SET SOCKOPT REUSEADDR OPTION
Explanation	An attempt to allow currently used local addresses to be bound failed. This may indicate inadequate system resources. If an error number is supplied with this message, it will help to identify the problem.
Action	If system resources are inadequate, contact your systems administrator.
ADACM029E	UNABLE TO GIVESOCKET TO NEW THREAD
Explanation	ADATCP was unable to give control of a socket to a different process. This error occurs only if there is a problem with the socket itself. If an error number is supplied with this message, it will help to identify the problem.
ADACM030E	UNABLE TO CREATE A NEW THREAD
Explanation	The system was unable to create a new thread. This indicates inadequate system resources or memory to create the thread.
Action	Contact your systems administrator.
ADACM031E	UNABLE TO CLOSE THE REQUESTED SOCKET
Explanation	ADATCP attempted to close a socket that was being used by another thread in the same process. This occurs only when the system is terminating due to some other error.
Action	Check the console for other messages.

ADACM032E	UNABLE TO MALLOC STORAGE
Explanation	ADATCP was unable to allocate storage. This may indicate that inadequate storage is available on the system.
Action	Contact your systems administrator.
ADACM034E	UNABLE TO RECEIVE DATA
Explanation	ADATCP cannot receive data from a client. This may indicate that the connection between ADATCP and the client has been severed during a transaction or that system resources are inadequate to complete the call. The error number supplied with this message will identify the problem.
Action	Contact your systems administrator.
ADACM035E	UNABLE TO TAKE THE SOCKET
Explanation	The process that send requests to and from Adabas was unable to take control of the socket that was passed to it by the listening task.
Action	Check the error number and the return code that accompany this message.
ADACM036E	UNABLE TO SET THE CANCEL TYPE
Explanation	The main request task is unable to set the cancel type for the thread that is currently running.
Action	Check the error number and the return code that accompany this message.
ADACM037E	UNABLE TO SEND DATA
Explanation	ADATCP is unable to send data from a client. The error number issued with this message indicates whether the problem is a severed connection between ADATCP and the client or insufficient system resources to complete the call.
Action	Check the error number issued with this message.
ADACM038E	UNABLE TO CLOSE THE SOCKET
Explanation	ADATCP attempted to close a socket while it was being used by another thread in the same process. This occurs if the system has tried to terminate due to another error.
Action	Check for other messages issued to the console.

ADACM039E

CONTEXT TABLE FULL

Explanation

The number of connections has reached a predefined limit; no entries can be added to the user context table.

Action

Increase the ADARUN NU parameter value to the required number of entries and restart ADATCP.

8

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.

9 Software AG Licensing Messages

The messages in this document may be produced by Software AG mainframe license processing or when using the license utility, LICUTIL.

MLC1001 CPU-ID {cpuid} is not defined in your product license

Explanation The CPU ID listed in the message (*cpuid*) is not defined in your product license. Either your license file is invalid or you have attempted to run the Software AG mainframe product on a machine for which it is not licensed.

Action Install and run the Software AG product on the machine for which it is licensed. If the problem persists, contact your Software AG sales representative for assistance.

MLC1002 LPAR name {lparname} is not defined in your product license

Explanation The LPAR name listed in the message (*lparname*) is not defined in your product license. Either your license file is invalid or you have attempted to run the Software AG mainframe product on a machine for which it is not licensed.

Action Install and run the Software AG product on the machine for which it is licensed. If the problem persists, contact your Software AG sales representative for assistance.

MLC1003 Machine capacity {value} higher than MSUs in your product license

Explanation The machine or the partition capacity (*value*) of the CEC or LPAR respectively on which you have attempted to install and run the Software AG mainframe product exceeds the capacity allowed in your product license. Either your license file is invalid or you have attempted to run the Software AG mainframe product on a machine for which it is not licensed.

Action Contact your Software AG sales representative for assistance.

MLC1004	The product license will expire on {date}
Explanation	This warning message provides the date (YYYY/MM/DD) when the license will expire for this Software AG mainframe product. The product cannot be started with the current product license after this date. For example, an expiration date of 2018/09/05 indicates that you can still work on 2018/09/05 until 23:59 (local time) but need a new license from the next day (2018/09/06).
Action	No action is required for this warning message. However, you should contact your Software AG sales representative to obtain an updated license soon.
MLC1005	We assume CPU-ID {cpuid} as your DR or DR testing environment
Explanation	The CPU ID listed in the message (<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 {date}
Explanation	The product license has expired. The date (YYYY/MM/DD) it expired is given in the message (<i>date</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.

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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	<p>For the valid name, see the documentation for the appropriate Entire Net-Work line driver:</p> <ul style="list-style-type: none"> ■ CTCA line driver in <i>Entire Net-Work CTC Option Administration</i> ■ IUCV line driver in <i>Entire Net-Work Administration</i> ■ TCP/IP line driver in <i>Entire Net-Work TCP/IP Option Administration</i> ■ VTAM line driver in <i>Entire Net-Work Administration</i> ■ XCF line driver in <i>Entire Net-Work XCF Option Administration</i> ■ Simple Connection Line Driver in <i>Entire Net-Work TCP/IP Option Administration</i>
NET0007I	Duplicate {aaaaaaa} DRIVER statement
Explanation	<p>More than one DRIVER statement was coded for the access method aaaaaaa.</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 any extraneous DRIVER statements from the parameter data set.
NET0008I	{aaaa} Driver not available
Explanation	<p>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.</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	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	<p>More values than expected were coded for the multiple-value keyword parameter <code>aaaaaaa</code>. The value nn is the maximum number of values permitted by the definition of the parameter.</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	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: {aaaaaaaa nnn}
Explanation	<p>The keyword or positional parameter <i>aaaaaaaa</i> was either incorrectly specified or was missing. The value <i>nnn</i> is specified for multiple value parameters only; if given, it specifies the position of the missing subparameter.</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	Refer to the section <i>Entire Net-Work Parameter Statements</i> in <i>Entire Net-Work Reference</i> for the allowed parameter values.
NET0011I	EOF found before end of statement
Explanation	<p>The last statement line found before the end of the data set indicated that a continuation line was to be expected.</p> <p>The Entire Net-Work session is terminated abnormally.</p>
Action	Correct the parameter statement.
NET0012I	Adabas library is not Y2K ready
Explanation	<p>This message informs you that your Adabas library does not provide year 2000 support.</p> <p>None. This message is informational only.</p>
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	<p>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.</p> <p>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.</p> <p>The Entire Net-Work session is terminated abnormally.</p>
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	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.
	The statements following this DRIVER statement 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 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	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.
	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	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	The names of all links on a node must be unique.
	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	Assign unique link names to all LINK statements on the node.

NET0018I	ADAMPM call {nn} failed	
Explanation	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> .	
	The Entire Net-Work session is terminated abnormally.	
Action	Refer to the section <i>ADAMPM Messages</i> 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 <i>Entire Net-Work Parameter Statements</i> in <i>Entire Net-Work Reference</i> .
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.

Action	The Entire Net-Work session is terminated abnormally. 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.
Action	The Entire Net-Work session is terminated abnormally. 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.
Action	None. This message is informational only. The Entire Net-Work session continues operation. 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.
Action	The erroneous parameter is ignored. Processing continues normally. 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 <i>aaaa</i> .
Action	The Entire Net-Work session is terminated abnormally. 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 <i>Entire Net-Work Parameter Statements</i> in <i>Entire Net-Work Reference</i> .
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 mmmmmmmmmm nnnnnnnnnn }
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 <i>xxxxxxx</i> . 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 <i>Entire Net-Work Operator Commands</i> in <i>Entire Net-Work Reference</i> .
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 {aaaaaaa}
Explanation	This is an informational message displaying the number of requests Entire Net-Work handled for target nnnnn. If aaaaaaa 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 {aaaaaaa}
Explanation	This is an informational message displaying the number of requests that Entire Net-Work handled for all targets on node aaaaaaa. If aaaaaaa 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	<p>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.</p> <p>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.</p>
Action	<p>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.</p>
NET0103I	Link {aaaaaaa} ({bbbb}) open failed (RC={nn})
Explanation	<p>The link <i>aaaaaaa</i> (of driver <i>bbbb</i>) could not be opened. More specific messages describing the link problem were probably issued by the line driver. The return code (<i>nn</i>) is access method dependent.</p> <p>The system continues to run normally without the link.</p>
Action	<p>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.</p>
NET0104I	Link {aaaaaaa} ({bbbb}) connect failed
Explanation	<p>The link <i>aaaaaaa</i> (for driver <i>bbbb</i>) could not be connected. More specific messages describing the link problem were probably issued by the line driver.</p> <p>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.</p> <p>The system continues to run normally without the link.</p>
Action	<p>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.</p>

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. This condition cannot occur with some access methods such as CTCA or IUCV.

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 aaaaaaaa 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	<p>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.</p> <p>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.</p>
NET0113I	{nn,nnn,nnn,nnn} {INPUT OUTPUT} throwbacks;
Explanation	<p>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.</p>
Action	<p>Check the buffer pool usage statistics; increase the appropriate buffer pool size to prevent future occurrences of this message.</p>
NET0114I	Snap dump written to NETPRNT / DDPRINT
Explanation	<p>The SNAP output is written to NETPRNT if it is available; otherwise, the output is written to DDPRINT.</p>
NET0115I	Operator command not recognized
Explanation	<p>The last operator command entered was not recognized by Entire Net-Work.</p> <p>The command is ignored.</p>
Action	<p>For the correct syntax, see the section <i>Entire Net-Work Operator Commands</i> in <i>Entire Net-Work Reference</i>; then reissue the operator command.</p>
NET0116I	Link {aaaaaaa} not found
Explanation	<p>An operator command was issued to act on link <i>aaaaaaa</i>, but no link with that name is defined.</p> <p>The command is ignored.</p>
Action	<p>To determine which links are defined, use the DISPLAY LINKS operator command, then reissue the corrected command.</p>

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	<p>A reply to user <code>userid</code>'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 <code>REPLYTIM</code> parameter on the <code>NODE</code> statement. In either case, the user program that requested the reply is no longer waiting for it.</p> <p>This condition is very similar to the 'USER GONE' error detailed in messages NETM91, NETM92, and NETM93, which are described in the section <i>ADAMP Messages</i>.</p> <p>The message in error is discarded.</p>
Action	<p>To reduce the chance of this error, increase the <code>REPLYTIM</code> parameter value on the <code>NODE</code> statement to accommodate the longest transmission time that typically occurs in the network. For more information, see the section <i>Entire Net-Work Parameter Statements</i> in <i>Entire Net-Work Reference</i>.</p>
NET0120I	{aaaa} Link {bbbbbbbb} to node {ccccccc} stat={sssss}
Explanation	<p>This message is issued in response to the <code>DISPLAY LINKS</code> operator command. <code>aaaa</code> specifies the access method for the link, <code>bbbbbbbb</code> is the link name from the <code>LINK</code> parameter statement, <code>ccccccc</code> is the name of the node on the other side of the link, and <code>sssss</code> is the link status. Refer to the status code descriptions for NET0117 explaining the meaning of the link status codes.</p> <p>If the link is a TCPX link, the partner's TCP/IP address is displayed rather than the node name (<code>ccccccc</code> setting).</p>
NET0121I	Output queue: {nnnn}msgs, {mmmm} tr.blks
Explanation	<p>This message is issued in response to the <code>DISPLAY LINKS</code> operator command unless both <code>nnnn</code> and <code>mmmm</code> are zero. It indicates a transmission backlog for the link.</p> <p>A small backlog is normally not an error condition, but a backlog that increases over time may indicate a problem with the link.</p> <p>Note that there are usually no messages in the input queue when operator commands are handled.</p>
NET0122I	Node {aaaaaaaa} ({bbbbbbbb}) dist {nnnnn} ({lll}) via link {ccccccc}
Explanation	<p>This message is issued in response to the <code>DISPLAY NODES</code>, <code>DISPLAY PATHS</code>, or <code>PROBE</code> operator command. The node name (<code>aaaaaaaa</code>) from the <code>NODE</code> parameter statement, the node ID (<code>bbbbbbbb</code>) or target ID of the communicator, the distance (<code>nnnnn</code>) to the node (computed by adding all link weights along the path to the node), the number (<code>lll</code>) of links between this Entire Net-Work node and node <code>aaaaaaaa</code>, and the name of the first link (<code>ccccccc</code>) on the path are given in the message.</p>

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 <i>aaaaaaaa</i> . 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.

NET0142I **Unable to load service routine NETCT1**

Explanation This message, in response to a TRANSLAT parameter statement or operator command, indicates that module NETCT1 is not linked, and cannot be loaded dynamically. For more information about TRANSLAT parameter statements, see the section *Enhanced Translation Definitions* in *Entire Net-Work Administration* .

The TRANSLAT parameter statement or operator command is ignored. Entire Net-Work operation continues.

NET0143I **Selective logging driver {driver} {status}.
No linkgs being logged**

Explanation This message is issued in response to the DISPLAY LOGGING operator command. *driver* specifies the type of driver while *status* indicates the logging status of the driver.

Action No action is required for this informational message.

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.
NET0158I	LOG={status}
Explanation	This message is issued in response to the DISPLAY LOGGING operator command. It identifies the setting of the system's LOG parameter. This parameter can be set using the NODE statement's LOG parameter or the SET LOG operator command.
Action	No action is required for this informational message.
NET0159I	LOGBUF={status} , LOGBUFSZ={size}
Explanation	This message is issued in response to the DISPLAY LOGGING operator command. It identifies the setting of the NODE statement's LOGBUF and LOGBUFSZ parameters. These parameters can be set using the NODE statement's LOGBUF and LOGBUFSZ parameters or the SET LOGBUF or SET LOGBUFSZ operator commands.
Action	No action is required for this informational message.
NET0160I	SNAPERR={msg1} [{,msg2,msg3,msg4}]
Explanation	This message is issued in response to the DISPLAY LOGGING operator command. It identifies the setting of the NODE statement's SNAPERR parameter. This parameter can be set using the NODE statement's SNAPERR parameter or the SET SNAPERR operator command.
Action	No action is required for this informational message.
NET0166I	Duration {hh:mm:ss.iiiiii}
Explanation	Displays the amount of time the Net-Work has been running as Store Clock units of hours (hh), minutes (mm), seconds (ss), and microseconds (iiiiii).
Action	None. This is an information message.
NET0167I	Wait-Time {hh:mm:ss.iiiiii}
Explanation	Displays the amount of time the Net-Work has been in a wait state as Store Clock units of hours (hh), minutes (mm), seconds (ss), and microseconds (iiiiii).
Action	None. This is an information message.

NET0168I	CPU Time {hh:mm:ss.iiiiii}
Explanation	Displays the current Central Processor Unit (CPU) time in units of CPU hours (hh), minutes (mm), seconds (ss), and microseconds (iiiiii).
Action	None. This is an information message. Note: On z/OS systems, the CPU time delivered is a summation of the TCB (time spent in the Task Control Block) and the SRB (Time spent in the Service Request Block). See messages IEF033I/IEF032I.
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={cqeadr},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>cqeadr</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.
NET0200I	zIIP-related statistics
Explanation	This message displays a variety of zIIP-related statistics. See Understanding the zIIP-Related Statistics for complete information about the zIIP statistics.
Action	No action is required for this informational message.
NET0201I	zIIP processing is not enabled
Explanation	The DISPLAY ZSTATS operator command can only be used when ADARUN parameter ZIIP=YES is specified.
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	LOGBUFSZ=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 {aaaaaaa}
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 {aaaaaaa}
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 {tttt}
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 tttt, or assigning a new unique target ID to node xxxxxxxx.
NET0322I	Node {dddddd.aaaaaaa} ({bbbb}) dist {nnnnnn} (III) 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.

NET0335	ZIIP=YES is not allowed with SSL/SSLI Driver
Explanation	ADARUN parameter ZIIP cannot be set to YES if the SSL or SSLI Driver is defined. zIIP processing is disabled.
Action	Set ZIIP=NO if using SSL or SSLI.
NET0336	Error during zIIP initialization
Explanation	zIIP initialization failed due to an error or incompatible configuration. zIIP processing is disabled.
Action	Look for a previous error message that will explain the cause of the error.
NET0337	zIIP processing has been disabled
Explanation	zIIP processing has been disabled due to an error, incompatible configuration, or license check failure. zIIP processing is disabled.
Action	Look for a previous error message that will explain the cause of the error.
NET0338	Net-Work is now executing in SRB mode
Explanation	Operator command SET ZIIP=YES was specified. Net-Work is now executing in SRB mode and is eligible to run on zIIP processors when possible.
Action	No action required.
NET0339	Net-Work is now executing in TCB mode
Explanation	Operator command SET ZIIP=NO was specified. Net-Work is now executing in TCB mode; zIIP processing is deactivated.
Action	No action required.
NET0340	Command permitted only when zIIP-enabled
Explanation	The SET ZIIP operator command can only be used when ADARUN parameter ZIIP=YES is specified.
Action	No action required.

NET0341	Command rejected; zIIP support is disabled
Explanation	The SET ZIIP operator command was rejected because zIIP processing has been disabled.
Action	Look for a previous error message explaining why zIIP processing was disabled.
NET0342	ZIIP is already set to NO
Explanation	The operator command SET ZIIP=NO was entered, but zIIP processing is already deactivated.
Action	No action required.
NET0343	ZIIP is already set to YES
Explanation	The operator command SET ZIIP=YES was entered, but zIIP processing is already active.
Action	No action required.
NET0998I	Entire Net-Work node {aaaaaaaa} abnormal end
Explanation	This is an informational console message indicating that abnormal termination procedures have been started.
NET0999I	Entire Net-Work node {aaaaaaaa} 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 xxxxxxxx.
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.

11

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 {xxxxxxx}
Explanation	During buffer pool initialization, module <i>xxxxxxx</i> could not be loaded and the buffer pool initialization was terminated.
Action	Contact your Software AG technical support representative.
NETB008I	REQ = ({nnnnnnnn}, {xxxxxxx}, {yyyyyyy}, {zzzzzzz})
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>xxxxxxx</i>) GET requests and the number of successful (<i>yyyyyyy</i>) and failed (<i>zzzzzzz</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 = ({bbbbbbbbb}, {hhhhhhhhh}, {cccccccc}, {lllllllll}), Sz={ssssssss}
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>bbbbbbbbb</i>), highest (<i>hhhhhhhhh</i>), current available (<i>cccccccc</i>) and lowest (<i>lllllllll</i>) number of elements as well as the element size (<i>ssssssss</i>) in bytes.
Action	No action is required. This message is informational only.
NETB011I	STR = ({bbbbbbbbb}, {hhhhhhhhh}, {cccccccc}, {lllllllll}) 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>bbbbbbbbb</i>), highest (<i>hhhhhhhhh</i>), current available (<i>cccccccc</i>) and lowest (<i>lllllllll</i>) storage allocations.
Action	No action is required. This message is informational only.
NETB012I	EXP = ({nnnnnnnnn}, {xxxxxxxxx}, {yyyyyyyyy}, {zzzzzzzzz})
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>nnnnnnnnn</i>), the maximum number of times it is allowed to expand (<i>xxxxxxxxx</i>), the current total number of expansions (<i>yyyyyyyyy</i>), and the highest number of expansions at any time (<i>zzzzzzzzz</i>).
	When <i>xxxxxxxxx</i> is equal to "1", unlimited expansions are allowed.
Action	No action is required. This message is informational only.
NETB013I	COMBINED BUFFER POOLS SIZE {nnnnnnnnn} 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>nnnnnnnnn</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.

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NETC* - CTC Option Messages

NETC001E	OPERATING SYSTEM NOT RECOGNIZED
Explanation	The Entire Net-Work CTCA or FCTC driver is only supported on z/OS operating systems.
Action	Run Entire Net-Work CTCA or FCTC on an appropriate operating system.
NETC002E	APF AUTHORIZATION REQUIRED TO RUN CTCA LINE DRIVER
Explanation	The Entire Net-Work CTCA or FCTC line driver requires the use of certain supervisor functions. As a result, ADARUN must be link edited with option AC(1) and all libraries in the STEPLIB DD concatenation must be specified in the IEAAPFxx member of SYS1.PARMLIB.
Action	Make sure that ADARUN is correctly link edited and all libraries in the Steplib DD concatenation are APF authorized.
NETC003E	ADARUN MUST BE LINK EDITED AMODE(31) TO RUN CTCA
Explanation	The Entire Net-Work CTCA or FCTC driver uses extended real and extended virtual storage. ADARUN must be link edited with attribute AMODE(31) in order for CTCA or FCTC to execute correctly.
Action	Relink ADARUN with the AMODE(31) option.
NETC004E	LOAD OF ATTENTION ROUTINE NCHXAR FAILED
Explanation	The CTCA or FCTC attention routine NCHXAR is dynamically loaded into extended CSA during CTCA or FCTC driver initialization. The load has failed and execution of the CTCA or FCTC driver is not possible.
Action	Look for a related z/OS system message explaining the reason that the load failed. Also make sure that NCHXAR is in the same library as NETCTCA or NETFCTC. Note that NCHXAR does not have to be installed in the fixed LPA as did previous Entire Net-Work CTCA or FCTC drivers.

NETC005W	{linkname} DYNAMIC ALLOCATION OF CTC UNIT {Cuu} FAILED,
Explanation	During link open processing of the link named in the message (<i>linkname</i>), the dynamic allocation of CTC unit <i>Cuu</i> failed. The SVC 99 error code ECCC and information code ICC3 are printed to help resolve the problem.
Action	Look up the SVC 99 error and information codes and take appropriate action to make the unit usable. Then issue the CTCA <i>linkname</i> OPEN or FCTC <i>linkname</i> OPEN command to access the device.
NETC006W	{linkname} CTC UNIT {Cuu} IS NOT ONLINE
Explanation	During link open processing of the link named in the message (<i>linkname</i>), a check of the Unit Control Block (UCB) for CTC device <i>Cuu</i> showed that the device was not marked online to MVS.
Action	Vary the device online to MVS. Then issue the CTCA <i>linkname</i> OPEN or FCTC <i>linkname</i> OPEN command to access the device.
NETC007W	{linkname} CTC UNIT {Cuu} IS NOT GENNED AS A CTCA
Explanation	During link open processing of the link named in the message (<i>linkname</i>), a check of the Unit Control Block (UCB) for device <i>Cuu</i> showed that the device was not defined to z/OS as a CTCA or FCTC device.
Action	Verify that the unit specified in the LINK statement is correct. If the unit address is correct, then the MVS/IOCP may need to be correctly genned.
NETC008W	{linkname} GETMAIN OF I/O BUFFERS FAILED, RC={xxxxxxxx}
Explanation	During link open processing of the link named in the message (<i>linkname</i>), an attempt to GETMAIN storage for I/O buffers failed with GETMAIN return code xxxxxxxx. The amount of storage required for I/O buffers is computed as follows: <pre>(# of read buffers * size of read buffers) + (# of write buffers * size of write buffers).</pre>
Action	Make sure sufficient extended virtual storage exists in the private portion of the region to satisfy the GETMAIN request or reduce the size and/or number of buffers defined in the LINK statement. Then issue the CTCA <i>linkname</i> OPEN or FCTC <i>linkname</i> OPEN command to restart the open process.

NETC009W	{linkname} GETMAIN OF CTCA I/O BLOCKS FAILED, RC={xxxxxxx}
Explanation	During link open processing of the link named in the message (<i>linkname</i>), an attempt to GETMAIN storage for I/O blocks failed, with GETMAIN return code <i>xxxxxxx</i> . The amount of storage required for I/O blocks is computed as follows: $(\# \text{ of read buffers} + \# \text{ of write buffers}) * 4096.$
Action	Make sure sufficient extended virtual storage exists in the private portion of the region to satisfy the GETMAIN request or reduce the number of buffers defined in the LINK statement. Then issue the CTCA <i>linkname</i> OPEN or FCTC <i>linkname</i> OPEN command to restart the open process.
NETC010W	{linkname} GETMAIN OF CTCA SRB/IOSB BLOCKS FAILED, RC={xxxxxxx}
Explanation	During link open processing of the link named in the message (<i>linkname</i>), an attempt to GETMAIN storage for SRB/IOSB blocks failed with GETMAIN return code <i>xxxxxxx</i> . The amount of storage required for I/O blocks is computed as follows: $(\# \text{ of read buffers} + \# \text{ of write buffers}) * 256.$
Action	Make sure sufficient extended virtual storage exists in the extended system queue area to satisfy the GETMAIN request or reduce the number of buffers defined in the LINK statement. Then issue the CTCA <i>linkname</i> OPEN or FCTC <i>linkname</i> OPEN command to restart the open process.
NETC011W	{linkname} GETMAIN OF CTCA WORK QUEUE ELEMENTS FAILED, RC={xxxxxxx}
Explanation	During link open processing of the link named in the message (<i>linkname</i>), an attempt to GETMAIN storage for work queue elements failed with GETMAIN return code <i>xxxxxxx</i> . The amount of storage required for work queue elements is computed as follows: $(128 + \text{ number of read and write buffers}) * 32.$
Action	Make sure sufficient extended virtual storage exists in the private portion of the region to satisfy the GETMAIN request. Then issue the CTCA <i>linkname</i> OPEN or FCTC <i>linkname</i> OPEN command to restart the open process.
NETC012W	{linkname} GETMAIN OF TRACE TABLE FAILED, RC={xxxxxxx}
Explanation	During link open processing of the link named in the message (<i>linkname</i>), an attempt to GETMAIN storage for the link trace table failed with GETMAIN return code <i>xxxxxxx</i> . The amount of storage required for the trace table is defined on the link definition (TRACESIZ).

Action Make sure sufficient extended virtual storage exists in the private portion of the region to satisfy the GETMAIN request. Then issue the CTCA *linkname* OPEN or FCTC *linkname* OPEN command to restart the open process.

NETC013W **{linkname} UNABLE TO DEQUEUE FREE WRITE WQE**

Explanation An attempt was made during open processing of the link named in the message (*linkname*) to dequeue a write WQE from the free write WQE queue. The queue was empty, and should not be empty at this point.

Action Contact your Software AG technical support representative for assistance.

NETC014E **{linkname} FATAL LOGIC ERROR IN DIE**

Explanation The Disabled Interrupt Exit could not correctly convert the real address of the last CCW to complete in the channel program to a virtual address. This condition should never occur. If this condition does occur, an SVC dump is sent to one of the SYS1.DUMPxx data sets .

Action With the dump available, contact your Software AG technical support representative for assistance.

NETC015W **{linkname} INSUFFICIENT WRITE BUFFERS TO SEND CONNECT**

Explanation During link connect processing for the link named in the message (*linkname*), there were not sufficient write buffers to send a connect request. As a result, the connect process is terminated and the link remains disconnected.

Action Make sure sufficient write buffers are allocated for the link.

NETC016I **{linkname} DISCONNECT RESPONSE SENT, DISCONNECTED**

Explanation A disconnect request was received on the link named in the message (*linkname*). A disconnect response was successfully sent, and the link is now disconnected.

Action No action is required for this informational message.

NETC017W **{linkname} EVENT '{event name}' REJECTED IN STATE**

Explanation The CTCA or FCTC driver dequeues and processes WQE elements in response to events that occur. In this instance, a command such as CONNECT was issued, but the CTCA or FCTC substate was such that the command was rejected. This normally occurs on connect commands if the CTCA or FCTC driver is already in the process of connecting, and on disconnect commands if the CTCA or FCTC driver has not fully completed the connect process with the peer.

Action No action is required for this informational message.

NETC018I	{linkname} CONNECT REQUEST RECEIVED
Explanation	The CTCA or FCTC driver has received a request from Entire Net-Work on the remote side of the CTCA or FCTC requesting connection. A connect response is sent; the link is marked connected when the response is sent. In the interim, the CTCA or FCTC substate is marked as 'Connecting-R' .
Action	No action is required for this informational message.
NETC019W	{linkname} INSUFFICIENT WRITE BUFFERS TO SEND CONNECT
Explanation	A shortage of write buffers occurred for the link named in the message (<i>linkname</i>), preventing the sending of a connect response. This condition should not occur.
Action	Contact your Software AG technical support representative for assistance.
NETC020I	{linkname} CONNECT RESPONSE RECEIVED, CONNECTED
Explanation	A connect request was received by the CTCA or FCTC driver on the remote side of the link named in the message (<i>linkname</i>). It has responded by sending a connect response. As a result, the link is now connected.
Action	No action is required for this informational message.
NETC021I	{linkname} CONNECT REQUEST SUCCESSFULLY SENT
Explanation	A connect request has been sent to the CTCA or FCTC driver on the remote side of the link named in the message (<i>linkname</i>). It should respond by sending a connect response. Until a connect response is received, the link remains in substate 'Connecting-S(2)' .
Action	No action is required for this informational message.
NETC022I	{linkname} CONNECT RESPONSE SENT, CONNECTED
Explanation	A connect response has been sent to the CTCA or FCTC driver on the remote side of the link named in the message (<i>linkname</i>). As a result, the link is now connected.
Action	No action is required for this informational message.
NETC023I	{linkname} DISCONNECT REQUEST SENT
Explanation	A disconnect request has been sent to the CTCA or FCTC driver on the remote side of the link named in the message (<i>linkname</i>). It should respond by sending a disconnect response. Until a disconnect response is received, the link remains in substate 'Disconnecting-S(2)'. A disconnect response is sent; the link is marked disconnected when the response is sent. In the interim, the CTCA or FCTC substate is marked as 'Disconnecting-R' .
Action	No action is required for this informational message.

NETC024I	{linkname} DISCONNECT REQUEST RECEIVED
Explanation	<p>A disconnect request has been received from the CTCA or FCTC driver on the remote side of the link named in the message (<i>linkname</i>).</p> <p>A disconnect response will be sent. When that completes, the link will be marked disconnected.</p>
Action	No action is required for this informational message.
NETC025I	{linkname} TERMINATE REQUEST RECEIVED
Explanation	<p>A terminate request has been received from the CTCA or FCTC driver on the remote side of the link named in the message (<i>linkname</i>). A terminate request indicates that the node on the remote side of the link is being shut down; a disconnect request indicates only that the remote link is being disconnected.</p> <p>A disconnect response is sent. When that completes, the link is marked disconnected.</p>
Action	No action is required for this informational message.
NETC026W	{linkname} INVALID MESSAGE RECEIVED, IGNORED
Explanation	<p>A message was received on the link named in the message (<i>linkname</i>), and either the contents of the message were invalid (incorrect block header and trailer) or the message length exceeded the maximum block size.</p> <p>The control blocks for the link are snapped and the link is disconnected. If the link is connected, an attempt is made to disconnect the link properly. This message is followed by NETC029, which shows the header and trailer of the invalid message.</p>
Action	If this error occurred as a result of hardware problems or a remote disconnect (a write was possibly purged), then no action is required until the link is to be reconnected. Otherwise, this error indicates a possible logic error in the buffer management logic of the CTCA or FCTC driver and the problem should be reported to your Software AG technical support representative.
NETC027I	{linkname} CONNECT REQUEST SENT
Explanation	<p>A CONNECT command was issued to the CTCA or FCTC driver for the link named in the message (<i>linkname</i>) as a result of either an operator CONNECT command or automatic start/restart of the link. A connect request was sent to the remote CTCA or FCTC driver. It should send a connect response to complete the connect sequence. Until that time, the link will be marked "Connecting-S(2)".</p>
Action	No action is required for this informational message.

NETC028I	{linkname} PARTNER IS LINK {linkname2} ({Cuu}) ON NODE
Explanation	During the connect sequence for the link named in the message (<i>linkname</i>), the remote CTCA or FCTC driver identified itself as being link <i>linkname2</i> on node <i>nodename</i> , and using remote device <i>Cuu</i> . The maximum receive buffer size is <i>RCVBLKSZ</i> and is provided as an easy way to verify that the local write buffer size and the remote buffer size are efficiently set. When the send buffer size is not a direct multiple of the receive buffer size or vice versa, the efficiency of I/O operations may be decreased.
Action	No action is required unless tuning of send and receive buffer sizes are desired.
NETC029I	HEADER=X'xxxxxxxxxxxxxxxx' TRAILER=X {xxxxxxxxxxxxxxxx }
Explanation	This message is issued immediately after message NETC026 when an invalid message has been received. The eight-byte header and the eight-byte trailer are printed in hexadecimal for debugging purposes. The first four bytes of the trailer are the compliment of the first four bytes of the header. The second four bytes of the trailer are the compliment of the second four bytes of the header.
Action	If this error occurred as a result of hardware problems or a remote disconnect (a write was possibly purged), then no action is required until the link is to be reconnected. Otherwise, this error indicates a possible logic error in the buffer management logic of the CTCA or FCTC driver and the problem should be reported to your Software AG technical support representative.
NETC030W	{linkname} CTC UNIT {Cuu} - INTERVENTION REQUIRED ON REMOTE
Explanation	An I/O operation completed with a unit check status in which the sense data indicated "Intervention Required". This indicates that the remote side of the CTCA or FCTC is not ready as a result of a system reset, a selective reset, or an interface disconnect. The first two of these conditions normally occur when a remote IPL occurs, or when the subchannel path is varied offline. The last of these conditions normally occurs when an active I/O operation is purged. In any case, this side of the CTCA or FCTC is incapable of successfully sending a request to the other side.
Action	If Entire Net-Work is not active on the remote system, restart Entire Net-Work if possible. Entire Net-Work should automatically attempt to connect to this side during startup. Make sure the remote subchannel path is online by issuing the <code>D M=DEV(Cuu)</code> command on the remote system. If Entire Net-Work is active on the remote system, the remote Entire Net-Work must issue an I/O request to the device to clear the not ready condition. If the link is disconnected on the remote side, issue the <code>CONN linkname</code> command to connect the links. If the link is connected, issue the <code>DISC linkname</code> command followed by the <code>CONN linkname</code> command. If the link is in the process of connecting but is not yet connected, issue the <code>CTCA linkname CLOSE OPEN</code> or <code>FCTC linkname CLOSE OPEN</code> command to close and reopen the link, followed by the <code>CONN linkname</code> command to initiate the connect.

NETC031W	{linkname} CTCA UNIT {Cuu} - I/O ERROR OCCURRED
Explanation	<p>An I/O operation on the link named in the message (<i>linkname</i>) has completed in error. The error is considered permanent and the link will be disconnected.</p> <p>This message is followed by message NETC032 which explains the I/O error in more detail.</p>
Action	<p>Analyze the device and unit status bytes of the Channel Status Word to determine the exact I/O condition. If the problem is a hardware problem, contact your hardware support representative and reconnect the link when the problem is corrected.</p> <p>If the problem appears to be a software problem, issue the CTCA <i>linkname</i> SNAP or FCTC <i>linkname</i> SNAP command, and then contact your Software AG technical support representative.</p>
NETC032I	CCW=X {xxxxxxxxxxxxxxxx} CSW=X {xxxxxxxxxxxxxxxx}
Explanation	<p>This message immediately follows message NETC031 when an I/O error has occurred.</p> <p>The last Channel Command Word (CCW) to complete, the Channel Status Word (CSW), the Sense Data (SNS) and IOS Post Code (PC) are displayed in hexadecimal.</p>
Action	<p>Analyze the device and unit status bytes of the Channel Status Word to determine the exact I/O condition. If the problem is a hardware problem, contact your hardware support representative and reconnect the link when the problem is corrected.</p> <p>Refer to the IBM documentation on CTCA or FCTC Sense Codes.</p>
NETC033I	{linkname} EVENT '{event name}' OCCURRED IN STATE
Explanation	<p>The driver dequeues and processes Work Queue Elements for events that occur according to rules defined in a finite state table.</p> <p>The event name for the event is marked in the state table as "Not Applicable" for the current state. This indicates that either the state table is incorrectly defined or a logic error in the driver is causing the event to occur.</p>
Action	<p>Contact your Software AG technical support representative for assistance.</p>
NETC034I	{linkname} LOST PAYLOAD MESSAGE SYNCHRONIZATION
Explanation	<p>This condition occurs when a logical message within a block of messages does not start where it is expected to start. This condition is detected by the receiving side of the link. It indicates that a logic error has occurred in either the sender's buffer fill routine or the receiver's buffer process routine.</p> <p>The control blocks for link <i>linkname</i> are snapped, and the link is disconnected.</p>
Action	<p>Contact your Software AG technical support representative for assistance.</p>

NETC035W	{linkname} RCVD MSG WHICH EXCEEDS SIZE OF SHORT TERM
Explanation	A message was received on the link named in the message (<i>linkname</i>), in which the length of the message exceeds the size of the short term buffer pool. The driver is therefore unable to copy the message from its buffer to a short term buffer and is discarding it.
	This error message is followed by error message NETC036 .
Action	Either expand the size of the short term buffer pool, or change the application to issue smaller requests to the short term buffer pool. For information about setting the size of the buffer pool, see the section <i>Entire Net-Work Node Statement</i> in the <i>Entire Net-Work Reference Guide</i> .
NETC036W	MESSAGE IS BEING DISCARDED, MHMLN = xxxxxxxx
Explanation	This error message is issued immediately after error message NETC035 or error message NETC037 is issued because of a received message that cannot be copied due to its length.
	The received message is discarded. The message length is displayed for informational purposes.
Action	See error message NETC035 or NETC037 .
NETC037W	{linkname} SHORT TERM BUFFER POOL SHORT ON STORAGE
Explanation	A message was received on the link named in the message (<i>linkname</i>), but there was insufficient storage remaining in the short term buffer pool to copy the message. The CTCA or FCTC driver is therefore unable to copy the message from its buffer to a short term buffer and is discarding it.
	This error message is followed by error message NETC036 .
Action	Either expand the size of the short term buffer pool, or change the application to issue smaller requests to the short term buffer pool. For information about setting the size of the buffer pool, see the section <i>Entire Net-Work Node Statement</i> in the <i>Entire Net-Work Reference Guide</i> .
NETC038I	{linkname} HAS BEEN RESUMED
Explanation	The link named in the message (<i>linkname</i>) has resumed processing of data and requests.
Action	No action is required for this informational message.

NETC039I	{linkname} HAS BEEN SUSPENDED
Explanation	The link named in the message (<i>linkname</i>) has suspended processing of data and requests. This condition occurs either when an operator requests the link to suspend (CTCA <i>linkname</i> SUSPEND or FCTC <i>linkname</i> SUSPEND) or when a buffer shortage condition occurs.
Action	Issue the CTCA <i>linkname</i> RESUME or FCTC <i>linkname</i> RESUME command to restart processing on the link when desired.
NETC040W	INCORRECT LINK SPECIFIED IN COMMAND
Explanation	A CTCA or FCTC linkname command was passed to the CTCA or FCTC driver but the link linkname is not a CTCA or FCTC type of link.
Action	Reissue the command, specifying either the correct link name or the correct driver name.
NETC041I	CTCA COMMAND(S) ACCEPTED
Explanation	A CTCA or FCTC linkname command was accepted for processing. Depending on the substate of the link, actual processing of the command(s) may be done immediately. Processing is deferred if the link is suspended.
Action	No action is required for this informational message.
NETC042I	{linkname} STATISTICS RESET
Explanation	The statistics for the link named in the message (<i>linkname</i>) have been reset either as a result of an operator request or automatic reset. The next statistics display will show only activity after this reset.
Action	No action is required for this informational message.
NETC043I	LINK {name} STATE({state}) MSGS SENT({count})
Explanation	The current state of the link or driver listed in the message (<i>name</i>) 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 CTCA <i>name</i> STATUS or FCTC <i>name</i> STATUS command being issued.
Action	No action is required for this informational message.

NETC044W	{linkname} NOT ALTERED, BAD CONFIGURATION PARAMETERS
Explanation	A CTCA <i>linkname</i> ALTER or FCTC <i>linkname</i> ALTER command was issued for link <i>linkname</i> , but the configuration was not modified because one or more parameters are incorrect.
Action	Determine which parameters are incorrect; then correct the command and reissue it.
NETC045W	OPEN FAILED - LINK ALREADY OPEN OR DISABLED
Explanation	An attempt was made to open a link that is already open or has been disabled.
Action	No action is required for this warning message.
NETC047W	{linkname} DISCONNECT SEQUENCE TIMEOUT PURGING OUTSTANDING I/O
Explanation	An I/O operation was started on link <i>linkname</i> , but proper notification of the sending of the disconnect message was never received. This problem can be caused by hardware problems or problems with Entire Net-Work on either side of the link. Possible hardware problems include: <ul style="list-style-type: none"> ■ powering off the channel adapter ■ disconnecting a cable on the remote side of the adapter ■ powering off or IML/IPLing the remote system ■ forcing off the device or path ■ bad communications lines when using channel extenders. Possible problems with the remote Entire Net-Work include: <ul style="list-style-type: none"> ■ The remote Entire Net-Work has been canceled or forced, preventing normal disconnect ■ The remote Entire Net-Work is not being dispatched by MVS due to another address space consuming the remote CPU ■ A message has been send out of order, or a partial message received. (NET0151 may be evident.)
Action	Determine why the device failed to complete the I/O operation. The command CTCA <i>linkname</i> SNAP or FCTC <i>linkname</i> SNAP should be issued on both sides of the adapter to print the internal trace tables and dump link specific control blocks. If Entire Net-Work fails to respond to the command, check to see if Entire Net-Work can be dispatched by MVS due to dispatching priorities and a higher priority address space consuming the CPU. Change Entire Net-Work's performance group if necessary. If the links fail to reconnect, issue the MVS commands D U, <i>cuu</i> and D M, DEV=(<i>cuu</i>) where <i>cuu</i> is the unit address. Verify the following: the device is online, the path is logically and physically online, the path is operational. Vary the device and path online if necessary.

If the device or a path is not operational, physically check the device, channel cables, ESCON director and any other piece of hardware that comprises the channel-to-channel link. Contact the appropriate hardware vendor if necessary.

NETC048I **{linkname} WAS MANUALLY OPENED OR CLOSED**

Explanation A CTCA or FCTC *linkname* OPEN or CLOSE command was issued for link linkname, and the link was successfully opened or closed.

Action No action is required for this informational message.

NETC049W **{linkname} I/O TIMEOUT OCCURRED DISCONNECTING LINK**

Explanation An I/O operation was started on link linkname, but ending status (channel end and device end) was never received. After 60 seconds, the link is automatically disconnected.

This problem can be caused by hardware problems or problems with Entire Net-Work on either side of the link. Possible hardware problems include the following: powering off the channel adapter; disconnecting a cable on the remote side of the adapter; powering off or IML/IPLing the remote system; forcing off the device or path; bad communications lines when using channel extenders.

Possible problems with the remote Entire Net-Work include the following: it has been canceled or forced, preventing normal disconnect; it is not being dispatched by MVS due to another address space consuming the remote CPU; it is looping or is in an abnormal wait.

Action Determine why the device failed to complete the I/O operation. The command CTCA *linkname* SNAP or FCTC *linkname* SNAP should be issued on both sides of the adapter to print the internal trace tables and dump link specific control blocks. If Entire Net-Work fails to respond to the command, check to see if Entire Net-Work can be dispatched by MVS due to dispatching priorities and a higher priority address space consuming the CPU. Change Entire Net-Work's performance group if necessary.

If the links fail to reconnect, issue the MVS commands 'D U, cuu' and 'D M, DEV=(cuu)' where cuu is the unit address. Verify the following: the device is online, the path is logically and physically online, the path is operational. Vary the device and path online if necessary.

If the device or a path is not operational, physically check the device, channel cables, ESCON director and any other piece of hardware that comprises the channel-to-channel link. Contact the appropriate hardware vendor if necessary.

NETC100I

STATISTICS FOR LINK {linkname}

Explanation

This multi-line display is produced when the CTCA *linkname* STATS or FCTC *linkname* STATS command is issued, or when the automatic statistics interval has expired and PSTATS=Y is specified in the link configuration parameters. Values are displayed and updated asynchronously; therefore, the totals displayed may not always be accurate.

The contents of this message are as follows

Line a	Contains the name of the link and the length of time since statistics were last reset or the link was last connected. Length of time is displayed in <i>hours:minutes:seconds</i> and in <i>seconds:milliseconds</i> .
Line b	Shows the cumulative number of bytes, messages and buffers written.
Line c	Shows the average number of bytes, messages and buffers written per second.
Line d	Shows the cumulative number of bytes, messages and buffers read.
Line e	Shows the average number of bytes, messages and buffers read per second.
Line f	Shows the cumulative number of write I/O operations that occur Red. 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 I/O operations that occurred per second. 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 h	Shows the cumulative number of Read I/O operations 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 I/O operations that occurred per second. 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 j	Shows the cumulative wall clock time spent reading and writing. These calculations are made by adding the difference between the system clock immediately before issuing the STARTIO and the system clock when the disabled interrupt exit is entered after the I/O completes. The unit of measure is <i>seconds.milliseconds</i> .
Line k	Shows the cumulative device connect time for both reads and writes. This value is obtained by adding the subchannel active time reported by the subchannel each time an I/O operation completes. The unit of measure is <i>seconds.milliseconds</i> . Large differences between lines j and k for writes occur when there are collisions in data flow.
Line l	Shows the number of times write buffers were unavailable when messages were waiting to be sent; also shows the number of times read buffers were unavailable when attention interrupts occurred.
Line m	The first counter shows the number of times a STARTIO was issued to the device and a previous I/O was already queued to the device. The second counter shows the number of times an I/O was started to the device but

	failed with a busy status. Both of these numbers are used to measure contention on the device.
--	--

User Action: No action is required for this informational message.

NETC120I **CONFIGURATION FOR LINK {linkname}, UNIT {Cuu} READ
 BUFFS({rcvblkct}@{rcvblksz}) WRITE BUFFS({sndblkct}@{sndblksz})
 WEIGHT({weight}) IO RETRY({ioretry}) RESTART({restart}(1),{restart}(2)) STAT
 INIT({statint}) PSTATS({pstats}) RSTATS({rstats}) EXTENDED({extended})
 TRACESIZ({tracesiz})
 CHREAD({channel-type}) TOKEN({token-id})**

Explanation A CTCA/FCTC linkname ALTER or CTCA/FCTC linkname SHOW command was issued. The information displayed shows the current configuration for the link.

If an FCTC command was issued, then the following line is printed:

```
CHREAD(channel-type)  TOKEN(tokenid)
```

Action No action is required. This message is informational only.

NETC121E **{linkname} PARTNER {linkname} IS INCOMPATIBLE; CONNECTION REJECTED**

Explanation An attempt was made to connect an FCTC link to a CTCA link or prior version FCTC link. This is an invalid connection.

Action Correct the configuration so that both links are using either the FCTC line driver or the CTCA line driver.

NETC122E **{linkname} PARTNER {linkname}, {unitr/w} VALUES CONFLICT; CONNECTION REJECTED**

Explanation An attempt was made to connect two links that have incompatible UNITREAD or UNITWRT settings.

Action Ensure that channel pairs are defined so that they have UNITREAD on one side and UNITWRT on the other side.

NETC125I **NO LINKS FOUND**

Explanation This message is issued in response to link-specific CTCA and FCTC operator commands when no matching links are found.

Action No action is required. This message is informational only.

NETC126W	{linkname} IS FUNCTIONING IMPAIRED; UNIT {unit} UNAVAILABLE
Explanation	A unit has become unavailable and the link has reverted to impaired mode. The link name (<i>linkname</i>) and unit name (<i>unit</i>) are given in the message
Action	The link can continue to function in impaired mode until the problem is resolved. After the unit is repaired, disconnect and reconnect the link to make it fully functional again.
NETC128W	COMPAT=Y not allowed with ZIIP
Explanation	COMPAT=Y cannot be specified if the ADARUN parameter ZIIP is set to YES. zIIP processing is disabled.
Action	Set COMPAT=N or ZIIP=NO.

13

NETD* - DCAM Option Messages

NETD001I UNEXPECTED RETURN CODE rc FROM id

Explanation

A function, a BS2000 or DCAM macro call, received unexpected return code rc from the function or macro call identified by id. Possible values for id are:

DUPSEQNO	duplicate sequence number found in transmission queue 'rc' contains seqno (MAIN)
ENACOLOG	definition of LOGON contingency (INIT)
ENACOLOS	definition of LOSCON contingency (INIT)
ENACOCOM	definition of COMEND contingency (INIT)
REJECTUNS	YREJECT in unsolicited logon (INIT)
YCLOSE	from CLOSD (TERM)
YCLSCON	from DISCL (TERM)
YINQUIRE	YINQUIRE in LOGON contingency (LOGON)
YOPNCONL	YOPNCON in LOGON contingency (LOGON)
YRECEIVE	YRECEIVE ANY received error on svc call

Initialization is aborted (INIT). Operation continues (YCLOSE).

Action

No action is required. This message is informational only.

NETD002I UNEXPECTED RETURN CODE rc/rc2 FROM id

Explanation

A function, a BS2000 or DCAM macro call, received an unexpected return code rc. Return code rc2 gives further information. The id identifies the function or macro call. Possible values for id are:

GENCBACB	creation of ACB with 'rc2' = R0 (1)
GENCBCCB	creation of CCB with 'rc2' = R0 (1)
GENCBENB	creation of ENB with 'rc2' = R0 (1)
GENCBRPB	creation of RPB with 'rc2' = R0 (1)
RECVANY	asy. return of YRECEIVE 'rc2' = RPBCID (2)

Initialization is aborted (1). Warning (2).

Action No action is required. This message is informational only.

NETD003E INVALID ERROR NUMBER

Explanation The module NDCMSG was called with an error number that is not contained in its table.

Action Contact your Software AG technical support representative.

NETD004I LOGON ACCEPTED FROM APPLICATION partner ON PROCESSOR

Explanation The Logon Contingency accepted a LOGON request from the application partner on processor host.

Action No action is required. This message is informational only.

NETD005I UNSOLICITED LOGON REJECTED FROM APPLICATION partner

Explanation The Logon Contingency received a LOGON request from the application partner on processor host, which was not defined in the start parameters, and the parameter ACCEPTUI=N does not allow the connection.

Action No action is required. This message is informational only.

NETD006I UNSOLICITED LOGON ACCEPTED FROM APPLICATION partner ON

Explanation The Logon Contingency received a LOGON request from the application partner on processor host, which was not defined in the start parameters, but the parameter ACCEPTUI=Y allows the connection.

Action No action is required. This message is informational only.

NETD007I LOST CONNECTION TO APPLICATION partner ON PROCESSOR

Explanation The LOSCON contingency detected that the connection to the application partner on processor host was lost for reason rc.

Action No action is required. This message is informational only.

NETD008E	DCAM RPB FOR request REQUEST STILL ACTIVE
Explanation	The DCAM request was posted completely but is still marked active.
	The values for request
	OPNCNASY - YOPNCON ASY,Q,ACQUIRE RECVANY - YRECEIVE ANY,ASY,Q
Action	Contact your Software AG technical support representative.
NETD009I	DCAM APPLICATION appname OPENED
Explanation	The DCAM application appname was opened.
Action	No action is required. This message is informational only.
NETD010I	DCAM PARTNER APPLICATION partner NOT ACTIVE
Explanation	The connection request failed because the partner application is currently not active.
Action	No action is required. This message is informational only.
NETD011I	DCAM CONNECT ERROR rc TO partner
Explanation	The connection request failed with the DCAM reason code given in the message (rc).
	If the RESTART parameter is specified, the node may retry the connect.
Action	No action is required. This message is informational only.
NETD012E	MESSAGE FROM link TRUNCATED BY hex
Explanation	A message received from the link was truncated. The value specified for the MAXBLK parameter in the partner's LINK statement is too large by at least hex number of bytes.
	The DCAM driver is stopped.
Action	Modify the MAXBLK parameter specifications for both nodes so that the value in the local DRIVER statement is equal to or greater than the value in the LINK statement of the partner node.
NETD013E	GATEWAY ROUTINE r-name LOAD ERROR hex
Explanation	A gateway routine r-name required for the gateway link could not be loaded.
	The node terminates.
Action	Check JCL and Entire Net-Work libraries.

NETD014E	REQUIRED PARAMETER xxx MISSING
Explanation	A required parameter xxx was not specified. The node terminates.
Action	Correct the parameter and start again.
NETD015I	CONNECT DATA hex-data RECEIVED
Explanation	The CONNECT data sent from the partner node does not match that defined by LOGUDATA. The connection request is rejected.
Action	No action is required. This message is informational only.
NETD016E	ERROR rc IN ADAIOR FUNCTION fc
Explanation	ADAIOR returned the error rc for function call with code fc. The ADAIOR function is skipped.
Action	Contact your Software AG technical support representative.
NETD017I	LOGON REJECTED FROM APPLICATION partner ON PROCESSOR
Explanation	A connection request cannot be accepted, either because the link is not in a proper state, or the logon user data does not match that defined in the LINK statement parameters (see also message NETD015).
Action	No action is required. This message is informational only.
NETD018I	decnum MORE-DATA SEGMENTS xxxxxxxx
Explanation	This message is logged when a link is terminated and the More Data Function was used for the line driver. The value decnum specifies the number of extra segments, and xxxxxxxx specifies received or sent.
Action	No action is required. This message is informational only.
NETD020E	UNRECOVERABLE ERROR IN CONTINGENCY: xxxxxxxxxxxxxxxx
Explanation	This message indicates a program error in the DCAM line driver during an unsolicited logon. The logon is rejected.
Action	Contact your Software AG technical support representative.

NETD021W	IGNORED DCAM WARNING: CONTRADICTION ENCODING
Explanation	A message was received warning that the encoding/decoding have contradictions, probably because the SYSCODE parameter is different between the two communication partners.
Action	Restart Entire Net-Work with the correct SYSCODE set.
NETD023I	DCAM DRIVER STOPPED ON xxxxxx REQUEST
Explanation	The DCAM application was closed by an asynchronous external request (via COMEND contingency). The type of request xxxxxx is OPERATOR if the application was forced to terminate by operator interaction (/BCLOSE command, for example) or DCAM-SYS if a shutdown of the DCAM communication system was in progress.
	Entire Net-Work stops all DCAM activities. After DCAM is brought up again, the DCAM driver can be reactivated with the START operator command.
Action	No action is required. This message is informational only.
NETD024I	DCAM CLOSE COMPLETE
Explanation	The DCAM application was closed by an Entire Net-Work main program request.
Action	No action is required. This message is informational only.
NETD027W	MAXIMUM MESSAGE LENGTH nn REDUCED TO nn ON xxxxxxxx
Explanation	The value specified for the MAXBLK parameter in the LINK statement is greater than the value specified for the MAXTSDU parameter in the /BCIN command or the XPRO macro.
	The maximum message length accepted is reduced to the value specified for MAXTSDU. Messages larger than this will be lost.
Action	Increase the MAXTSDU specification if the larger block size is needed; otherwise, specify a smaller value for MAXBLK.
NETD036I	STAGNATION ON LINK {linkname}: {ddd} MESSAGES HANDLED
Explanation	This message is printed when a return code on a DCAM YSEND macro indicates that a DCAM congestion occurred on the link identified in the message (<i>linkname</i>). The number of outgoing messages that queued up on the link is also given in the message (<i>ddd</i>). All messages have been sent after the GO signal was received.
Action	If this message occurs frequently, increase the DCAM and BCAM internal buffers or the MAXBLK parameter value, as needed.

14 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.

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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 {mmmmmmmm} ({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, <i>mmmmmmmm</i> is the amount of memory requested; <i>aaaaaaaa</i> is the amount of memory available; and <i>sssss</i> (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 <i>code</i> corresponds to the user abend code. For more information, see the section Entire Net-Work Abend Codes in this manual. The value <i>jobname</i> 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.
NETI91	Pause Element services initialized for zIIP
Explanation	Note: This message occurs only in z/OS environments. Event management using z/OS Pause Elements has been successfully initialized. This message is issued only when Adabas is running with ADARUN parameter ZIIP=YES.
Action:	No action is required for this informational message.
NETI92	Pause Element services terminated {normally * atabend * for zIIP * by Resource Manager}
Explanation	Note: This message occurs only in z/OS environments. Event management using z/OS Pause Elements has been successfully terminated. This message is only issued when Adabas is running with ADARUN parameter ZIIP=YES. This message may appear at termination following an abnormal end or cancel request.
Action:	No action is required for this informational message.
NETI93	Pause Element {allocate * deallocate * pause * release} error code {ret code/rsn code}
Explanation	Note: This message occurs only in z/OS environments. Event management using z/OS Pause Elements has returned an error. The unexpected return code (<i>ret code</i>) and reason (<i>rsn code</i>) are shown. This message is only issued when Adabas is running with ADARUN parameter ZIIP=YES.

Action:

This message may appear at termination following an abnormal end or cancel request. If this message appears at termination following an abnormal end or cancel request, no action is required.

In any other circumstances, save the JES log, DDPRINT output and any dump of the Adabas nucleus and Contact your Software AG technical support representative for assistance.

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NETInnx - IUCV Line Driver Messages

NETI000I	NETWORK3: + NIUSTATS ENTERED -- yyyy-mm-dd
Explanation	The module that handles NETIUCV statistics has been called and statistics are being captured for the IUCV driver.
Action	None. This message is informational only.
NETI001E	VM/SYSTEM PRODUCT RELEASE LEVEL UNDER 3 -
Explanation	The z/VM version being used is not supported by Entire Net-Work/IUCV. The IUCV line driver cannot be opened.
Action	Upgrade the system to the required z/VM level.
NETI002E	LINE DRIVER MAXIMUM NUMBER OF CONNECTIONS ON type
Explanation	An IUCV connection between two virtual machines could not be established because the MAXCONN value in the CP directory was exceeded for either the virtual machine initiating the connection or for the target virtual machine. 'Type' contains either SOURCE or TARGET indicating which directory value was exceeded. The IUCV path which was initiated was not connected.
Action	Increase the MAXCONN value and update the CP directory.
NETI003E	NO IUCV AUTHORIZATION FOUND
Explanation	Entire Net-Work was not able to sign on to IUCV because the virtual machine was not IUCV authorized in the CP directory. The IUCV line driver cannot be opened.
Action	Add the required IUCV statements to the CP directory for the virtual machine.

NETI004I	NO IUCV MESSAGE FOUND ON LINK aaaaaaaa
Explanation	A message which the Entire Net-Work/IUCV line driver attempted to receive or reply to was not found in any IUCV message queue. The IUCV line driver terminates Entire Net-Work abnormally.
Action	Note the link ('aaaaaaa'), any related messages, dump listings, and contact your Software AG technical support representative.
NETI005E	IUCV function FUNCTION ERROR errno ON LINK aaaaaaaa ON
Explanation	The specified function detected error errno on the specified link and path. This message is followed by message NETI007 . The link is disconnected.
Action	Note the error number ('errno'), the link ('aaaaaaa'), any related messages, and contact your Software AG technical support representative.
NETI006E	IUCV SEND COMPLETION ERROR errno ON LINK aaaaaaaa PATH-ID
Explanation	The IUCV SEND function detected error errno on the specified link and path. The IUCV line driver terminates Entire Net-Work abnormally.
Action	Note the error number ('errno'), the link ('aaaaaaa'), any related messages, and contact your Software AG technical support representative.
NETI007I	IUCV PARAMETER BLOCK AT LOCATION location
Explanation	This message occurs after an NETI005 error, and is followed by a hexadecimal display of the failing IUCV parameter block. This message is preceded by message NETI005. The link is disconnected.
Action	Retain the displayed information plus any other related error or dump information, and contact your Software AG technical support representative.
NETI008W	INCOMING TRAFFIC IMPAIRED ON LINK aaaaaaaa DUE TO BUFFER
Explanation	Incoming messages are being delayed due to insufficient buffer space. Entire Net-Work will suspend incoming data traffic until the buffer shortage is resolved.
Action	Increase the short-term buffer size for a virtual machine running a non-paging guest operating system, or increase the page-fixed buffer size for a paging guest system virtual machine. Both buffers are controlled by the NODE statement parameters for the specified node. For more information, see the section <i>Entire Net-Work Parameter Statements</i> in the <i>Entire Net-Work Reference Guide</i> .

NETI009W	COMMUNICATIONS IMPAIRED TO LINK aaaaaaa
Explanation	Communication with the specified link is impaired by insufficient buffer space on that node. Message NETI008 occurs on that node, advising of the problem. The adjacent Entire Net-Work node will suspend incoming data traffic until the buffer shortage is resolved.
Action	Increase the short-term buffer size for a virtual machine running a non-paging guest operating system on the specified node, or increase the page-fixed buffer size for a paging guest system virtual machine. Both buffers are controlled by the NODE statement parameters for <i>aaaaaaa's</i> node. For more information, see the section <i>Entire Net-Work Parameter Statements</i> in the <i>Entire Net-Work Reference Guide</i> .
NETI010W	PENDING CONNECTION REJECTED DUE TO BUFFER SHORTAGE
Explanation	This node could not accept a connection due to inadequate buffer space. The IUCV path which was initiated is not connected.
Action	Increase the short-term buffer size for a virtual machine running a non-paging guest operating system, or increase the page-fixed buffer size for a paging guest system virtual machine. Both buffers are controlled by the NODE statement parameters for the specified node. For more information, see the section <i>Entire Net-Work Parameter Statements</i> in the <i>Entire Net-Work Reference Guide</i> .
NETI011I	NORMAL COMMUNICATIONS RESUMED TO LINK aaaaaaa
Explanation	This informational message advises that the condition causing previous impaired communications has been corrected. A buffer shortage indicated by a message NETI008 or NETI009 has been resolved.
Action	No action is required. This message is informational only.
NETI012W	BUFFER PROGRAM CHECK ON LINK aaaaaaa
Explanation	A program check occurred while accessing an IUCV buffer area. Entire Net-Work terminates operation with a dump.
Action	Note the link ('aaaaaaa'), any related error or dump listing information, and contact your Software AG technical support representative.
NETI013I	number NUMBER OF SENDS 2WAY counta 1WAY countb
Explanation	This normal termination message specifies the total number of SEND/REPLY (SEND 2WAY) and SEND 1WAY messages, as well as the counts of each type of SEND. Entire Net-Work proceeds to terminate normally.
Action	No action is required. This message is informational only. An excessive number of SEND 1WAYs may be an indicator that the MSGLIM parameter is insufficient.

NETI014I	number NUMBER OF REPLIES NON-NULL counta NULL countb
Explanation	This normal termination message specifies the total number of IUCV replies as well as the counts of replies containing data (non-null) and those without data (null). Entire Net-Work proceeds to terminate normally.
Action	No action is required. This message is informational only. An excessive number of null replies indicates the SEND 1WAY protocol is more suitable.
NETI015E	INCOMING MESSAGE EXCEEDS BUFFER LENGTH ON LINK
Explanation	An incoming IUCV message from the specified link exceeded the length of the available buffer. Entire Net-Work terminates operation with a dump.
Action	Increase the short-term buffer pool size (specified by the NODE statement for the specified node ID). For more information, see the section <i>Entire Net-Work Parameter Statements</i> in the <i>Entire Net-Work Reference Guide</i> .
NETI016E	OUTGOING MESSAGE EXCEEDS BUFFER LENGTH ON LINK
Explanation	An outgoing IUCV message was too large for the allocated buffer space. Entire Net-Work terminates operation on this node with a dump.
Action	Increase the short-term buffer pool size (specified by the NODE statement for this node ID). For more information, see the section <i>Entire Net-Work Parameter Statements</i> in the <i>Entire Net-Work Reference Guide</i> .
NETI017E	CONNECTION TO USER userid DENIED DUE TO BLOCK LENGTH
Explanation	The values specified by this node s and the partner node userid s LINK statement MAXBLK= parameters are not the same. The IUCV path which was initiated is not connected.
Action	Correct one of the LINK statement s MAXBLK= values to agree with the other.
NETI018W	MESSAGE LIMIT ON PATH TO VMID vmid INSUFFICIENT
Explanation	The maximum number of outstanding IUCV messages allowed was exceeded. The IUCV line driver terminates abnormally.
Action	Correct either the IUCV LINK statement s MSGLIM parameter value, or the CP directory MSGLIMIT value.

NETI019W **MAXIMUM BLOCK LENGTH SET TO length**

Explanation Entire Net-Work found no MAXBLK value on the IUCV LINK statement in a paging system where a maximum block size is required.

Entire Net-Work sets the block length to the page size length.

Action No action is required. This message is informational only.

NETI020W **INITIALIZATION ERROR code FOR GUEST SYSTEM IUCV**

Explanation Entire Net-Work was unable to initialize the IUCV line driver in the guest operating system. The driver is not opened. See the following table for an explanation of the error code returned.

Code	Explanation
4	MVS - NETSVCxx was called with an invalid function request of 0.
8	ALL - NETSVCxx has detected NET-WORK s EXTERNAL FLIH is not active.
12	ALL - NETSVCxx VSIUCV/VSIUCVP1 address is 0.
16	ALL - NETSVCxx was called with an invalid function request. MVS - NETSVCxx has detected the GUEST OS is not running under z/VM.
20	ALL - NETSVCxx The SVC OPEN call was never done or failed.
24	ALL - NETSVCxx Path Table address is 0. ALL - NETSVCxx IUCV ACCEPT failed. ALL - NETSVCxx IUCV CONNECT failed. MVS - NETSVCxx IUCV SEVER failed.
28	ALL - NETSVCxx An IUCV ACCEPT was requested for a PATHID with no pending connect
32	ALL - NETSVCxx The PATHID exceeds the path table size.
36	MVS - NETSVCxx NCA address is 0. MVS - NETSVCxx CPIT SSCT missing. MVS - NETSVCxx CPIT control block(s) missing.
40	z/VSE - NETSVCxx Error initializing the Interrupt Queue. z/VSE - NETSVCxx Error initializing the Path Table.
44 - 60	unused
64	ALL - NIUxxx Getmain/Getvis/Obtain storage error.
68	ALL - NIUxxx PAGE FIX/PAGE FREE error.
72	ALL - NIUxxx AMODE MISMATCH between NETSVCxx and ADARUN.
76	ALL - NIUxxx SVC not authorized.
80	ALL - NIUxxx NIUTSK address is 0.
84	ALL - NIUxxx Attach of NIUTSK failed.
88	ALL - NIUxxx Invalid function call.
92	ALL - NIUxxx IUCV error occurred / IPRCODE stored.

Code	Explanation
96	ALL - NIUxxx IUCVINI / HNDIUCV error occurred.

Note: Return codes greater than 1000 are IUCV / IPRCODES. Subtract 1000 from the return code to obtain the true IUCV / IPRCODE.

If the IUCV driver is the only driver specified, Entire Net-Work terminates operation on this node.

Action Note the error code returned and the guest operating system level, and then contact your Software AG technical support representative.

NETI021W

LINK linkname NOT CONNECTED ERROR syserr IUCV CODE iucvrr

Explanation

The IUCV line driver attempted to establish a link to another virtual machine via the link ('linkname'). The connection failed. The operating system error ('syserr') gives the error code of the system IUCV support routine. The code ('iucvrr') shows the IUCV error code returned in the IPRCODE field of the IUCV parameter block. The most common IUCV codes and their meanings are listed below. Also see message [NETI020W](#) for additional codes that may be returned.

Code	Explanation
11	The target virtual machine is not logged on.
12	The target virtual machine has not initiated IUCV support.
13	The maximum number or connections for this virtual machine has been exceeded.
14	The maximum number or connections for the target virtual machine has been exceeded.

The IUCV path which was initiated is not connected.

Action Investigate the reason for the message and correct the problem if possible. Otherwise, note the error code returned and then contact your Software AG technical support representative.

NETI022W

PATH TO VMID vmid DISCONNECTED DUE TO INTERRUPT QUEUE

Explanation

The Entire Net-Work IUCV support routine was not able to save the status of an incoming IUCV interruption due to a lack of interrupt queue elements.

The IUCV link is disconnected.

Action Increase the value of the QSIZE parameter for NETSIR and rerun NETSIP with the REPLACE parameter.

NETI023I	OPERATOR COMMAND ACCEPTED
Explanation	The operator command submitted to Entire Net-Work was accepted. The operator command is processed.
Action	No action is required. This message is informational only.
NETI024I	IUCV DRIVER LOADED AT LOCATION xxxxxxxx
Explanation	The Entire Net-Work IUCV line driver was loaded at the specified location.
Action	No action is required. This message is informational only.
NETI025I	IUCV DRIVER MANUALLY CLOSED
Explanation	The IUCV line driver has been closed either by an operator command or SHUTDOWN processing.
Action	No action is required. This message is informational only.
NETI026E	CONNECTING TO MORE THAN ONE ITM MACHINE IS NOT ALLOWED
Explanation	An Entire Net-Work node can be connected to only one ITM at a time. The link to the second ITM is disconnected.
Action	Do not connect to multiple ITM machines.

17 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.
CQ/AB KEYS INCOMPATIBLE	The service's CQ and AB pool were not acquired with the correct attributes. Verify that the execution libraries are correct. If you are unable to resolve the error, contact your Software AG support representative.

Cause	User Action
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 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.

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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.

19 NETP* - TCP/IP and Simple Connection Line Driver

Messages

The following are the categories used for operator messages for the TCP/IP and the Simple Connection Line Driver:

Message Range	Description
NETP000- NETP099	Non-API-related messages mainly from NETTCPI
NETP200 - NETP299	IBM API-specific messages
NETP300 - NETP399	BS2000 API-specific 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

NETP001W ERROR DURING RECEIVE RC=(xx) LINK=IIIIIII

Explanation NETTCPI called one of the Entire Net-Work TCP APIs to receive data, but an error of some type occurred within the API, preventing it from completing the receive function. A message that identifies the error is normally issued from the API preceding this message. Processing for the link is halted and the link is disconnected.

Action To determine why the API could not complete the receive, locate the preceding error message from the API and perform the action related to that error, if any.

Module NETTCPI

NETP002W	ERROR DURING SEND RC=(xx) LINK=IIIIIIII
Explanation	NETTCPI called one of the Entire Net-Work TCP APIs to send data, but an error of some type occurred within the API, preventing it from completing the send function. A message that identifies the error is normally issued from the API preceding this message. Processing for the link is halted and the link is disconnected.
Action	To determine why the API could not complete the send, locate a preceding error message from the API and perform the action related to that error, if any.
Module	NETTCPI
NETP003W	LINK IIIIIII SEND TIME EXCEEDED, DISCONNECTING LINK
Explanation	NETTCPI called one of the Entire Net-Work TCP APIs to send data, but the send completion time limit expired before the send could complete normally. Processing for the link is halted and the link is disconnected.
Action	The SENDTIME= parameter in the LINK statement is used to set the time limit for send completion. If the value specified for SENDTIME= is too small for practical purposes, increase it to allow sends to complete without error. If the value specified for SENDTIME= is appropriate, follow normal TCP/IP network debugging procedures to determine why TCP messages are not arriving at their destinations within the time limit.
Module	NETTCPI
NETP004W	ERROR DURING CONNECT RC=(xx) LINK=IIIIIIII
Explanation	NETTCPI called one of the Entire Net-Work TCP APIs to establish a connection, but an error of some type occurred within the API, preventing it from completing the connect function. A message that identifies the error is normally issued from the API preceding this message. Processing for the link is halted and the link is disconnected.
Action	To determine why the API was not able to complete the connect, locate the preceding error message from the API and perform the action related to that error, if any.
Module	NETTCPI
NETP005W	ERROR DURING ACCEPT RC=(xx) LINK=IIIIIIII
Explanation	NETTCPI called one of the Entire Net-Work TCP APIs to accept a connection, but an error of some type occurred within the API, preventing it from completing the accept function. A message that identifies the error is normally issued from the API preceding this message. Processing for the link is halted and the link is disconnected.
Action	To determine why the API was not able to complete the accept, locate the preceding error message from the API and perform the action related to that error, if any.
Module	NETTCPI

NETP006I	DRIVBLK @ dddddddd NETTCPI @ mmmmmmmm
Explanation	Initialization of the NETTCPI driver has begun. The driver control block is located in storage at address dddddddd and the NETTCPI module itself is located at address mmmmmmmm. This information is provided to aid in debugging.
Action	None.
Module	NETTCPI
NETP007I	INTERNAL TRACE TABLE ADDRESS = tttttttt
Explanation	The TCP/IP internal trace table is located in virtual storage at address tttttttt. This information is provided to aid in debugging.
Action	None
Module	NETTCPI
NETP008I	UNABLE TO LOAD LINK SPECIFIC EXIT
Explanation	The user exit that was specified by coding EXIT= on the link configuration statement could not be loaded into storage. The cause of the problem may be one of the following: an incorrect exit name was specified; the exit is not located in a data set that is in the STEPLIB, JOBLIB, or Linklist DD; or, there is insufficient virtual storage in the region to load the module. The operating system usually issues a message that provides more details about the cause of the load failure.
Action	Make sure that the name of the exit is specified correctly and that the exit resides in an appropriate data set that is part of either the STEPLIB, JOBLIB or Linklist DD concatenations. If insufficient virtual storage exists in the region, increase the size of the region before continuing.
Module	NETTCPI
NETP009I	Entire Net-Work MODULE mmmmmmmm LOADED AT vvvvvvvv
Explanation	The Entire Net-Work TCP/IP API module mmmmmmmm was loaded into virtual storage at address vvvvvvvv. The information in this message is provided to aid in debugging.
Action	None
Module	NETTCPI
NETP010E	UNABLE TO LOAD MODULE: mmmmmmmm
Explanation	The Entire Net-Work module specified by mmmmmmmm could not be loaded into storage. The cause of the problem may be one of the following: the module is not located in a data set that is in the STEPLIB, JOBLIB, or Linklist DD; or, there is insufficient virtual storage in the region to load the module. The operating system usually issues a message that provides more details about the cause of the load failure.

Action Make sure that the module resides in an appropriate data set that is part of either the STEPLIB, JOBLIB or Linklist DD concatenations. If insufficient virtual storage exists in the region, increase the size of the region before continuing.

Module NETTCPI

NETP011W TCP/IP ACCESS METHOD ERROR; CONNECT IGNORED

Explanation The Entire Net-Work TCP/IP API routine could not complete the open process for the driver or the link. As a result, the link cannot establish a connection to another host. Other messages that explain why the driver or link could not be opened should precede this message.

Action Locate all previous error messages that deal with failures that occurred during driver open or link open processing and perform the action related to those error messages, if any.

Module NETTCPI

NETP012W CONNECTION TERMINATED BY API, LINK=IIIIIII

Explanation An Entire Net-Work TCP/IP API was asynchronously notified by its related access method that a connection was terminated. As a result, processing for the link was halted and the link was disconnected.

Action Locate all previous error messages from the Entire Net-Work TCP/IP API that explain why the connection was severed or disconnected and perform the actions related to those messages, if any.

Module NETTCPI

NETP013W CONNECTION REJECTED FOR xxx.xxx.xxx.xxx

Explanation Remote Entire Net-Work host xxx.xxx.xxx.xxx attempted to establish a TCP/IP link with the Entire Net-Work host, but one of the following problems occurred, causing the connection to be rejected:

- The host does not have a predefined LINK statement for the remote host and, because ACCEPTUI=N is specified in the DRIVER statement, Entire Net-Work cannot dynamically add a new link for the remote host; or
- The host does have a predefined LINK statement for the remote host, but the Internet address for the remote host in the link related control blocks is incorrect. Either INETADDR= is incorrectly specified in the LINK statement, or ADJHOST= is specified in the LINK statement and the host name cannot be determined.

Action If the remote host attempting to connect to this host is intentionally prohibited from establishing a connection, then no action is required. If the remote host should be able to establish a connection with this host, then do one of the following:

- Predefine a link for this host. See the section *TCP/IP LINK Statement* in the *Entire Net-Work TCP/IP Option Administration Guide*.

- Specify ACCEPTUI=Y to allow ALL unknown hosts to be dynamically defined; or
- Issue the command TCPI linkname SHOW to determine if the Internet address is correct in the link related control blocks. If the Internet address is incorrect, do one of the following: alter it manually with the commands TCPI linkname CLOSE ALTER INETADDR=(x,x,x,x) and TCPI linkname OPEN; or, if ADJHOST= was specified and a name resolution error occurred, issue the command CONN linkname.

Module NETTCPI

NETP015W ERROR DURING REJECT RC=(xx) LINK=IIIIIII

Explanation NETTCPI called one of the Entire Net-Work TCP APIs to reject a connection, but an error of some type occurred within the API, preventing it from completing the reject function. A message that identifies the error is normally issued from the API preceding this message. The link returns to the disconnected state.

Action To determine why the API cannot complete the reject, locate a preceding error message from the API and perform the action related to that error, if any.

Module NETTCPI

NETP016E ERROR OCCURRED OBTAINING OR FREEING STORAGE

Explanation An error occurred when attempting to obtain or release virtual storage. The cause of the error is usually one of the following: 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 NETTCPI

NETP017I RECONNECT IN PROGRESS FOR LINK IIIIIIII

Explanation Link IIIIIIII was already in a connected state when a connect request was received from a partner link. Because MULTSESS=N is specified in the LINK statement for this link, the second connect request is treated as a reconnect. The existing connection is terminated and accept processing starts for the new connect request.

Action If the remote host is attempting to reconnect to this link, no action is required. If the remote host is attempting to connect to a second link, then change MULTSESS=N to MULTSESS=Y in the LINK statement; reconnect processing is skipped and the remote host is allowed to establish a second connection.

Module NETTCPI

NETP018E	UNKNOWN RECORD TYPE RECEIVED ON LINK llllllll
Explanation	A message received on link llllllll contains a message type value in the message header that is not recognized by the program. The message is therefore discarded. The cause of the problem may be one of the following: the remote node was upgraded and is taking advantage of features that were not available when NETTCPI was last developed, or an error occurred and invalid data was received.
Action	Issue the command TCPI llllllll TRACE, where llllllll is the name of the link to be formatted; this causes the trace buffer for the link to be printed. One of the last RMSG entries will contain the message that caused the error.
Module	NETTCPI
NETP019I	READ BUFFER LENGTH SET TO = nnnnn ON llllllll
Explanation	Connection establishment negotiations took place on link llllllll, resulting in the reduction of the receive buffer size from 64k to nnnnn. This value is also the size of the largest message that can be sent to the remote node.
Action	None.
Module	NETTCPI
NETP020W	LINK xxxxxxxx INVALID STATE TO INITIATE A CONNECT
Explanation	The command CONN linkname was issued to initiate connect processing for a link. The link was already in connect processing, so the command was ignored.
Action	If the remote node is available and immediately accessible through TCP (that is, no networking problems exist), connect processing should complete in a very short time. This message indicates a failure in a previous connect attempt, which is still active and attempting to complete. Follow normal procedures for the debugging of TCP/IP related communications problems. Connect processing can be stopped for the link by issuing the command DISC linkname.
Module	NETTCPI
NETP021W	ADJHOST PARAMETER NOT SUPPORTED BY TCP API aaaaaaa
Explanation	A value for the Internet host name was specified with the ADJHOST parameter in the LINK statement, and the Entire Net-Work TCP API specified by aaaaaaa does not support the resolution of Internet host names to Internet numbers.
Action	Change the LINK statement to use the INETADDR= parameter instead of the ADJHOST= parameter. See the section <i>TCP/IP LINK Statement</i> in the <i>Entire Net-Work TCP/IP Option Administration Guide</i> .
Module	NETTCPI

NETP022W	CONNECT FAILED FOR IIIIIII, UNABLE TO RESOLVE HOST NAME
Explanation	The command CONN IIIIIII was issued (possibly internally), where IIIIIII is the link name. The link was configured with an Internet host name instead of an Internet number, but an error occurred during the name resolution process. As a result, there is no Internet number to use and connect processing cannot continue.
Action	One or more messages that describe the name resolution failure in more detail should precede this message. Locate these messages and perform the related actions, if any.
Module	NETTCPI
NETP040I	LINK {IIIIII} HAS RESUMED PROCESSING
Explanation	Link ????????, which was previously suspended, has resumed processing as a result of the RESUME command.
Action	None.
Module	NWTCPOPC
NETP041W	PROCESSING ON LINK {IIIIII} HAS BEEN SUSPENDED
Explanation	Message processing has been suspended on link ???????? as a result of the SUSPEND command.
Action	Issue the RESUME command to restart message processing when appropriate.
Module	NWTCPOPC
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	NWTCPOPC
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	NWTCPOPC

NETP044I	LINK {llllllll} STATISTICS {xxxxxxx}
Explanation	Statistics for link <code>llllllll</code> or the TCPI driver have been either printed or reset, as indicated by <code>xxxxxxx</code> .
Action	None.
Module	NWTCPOPC
NETP046W	LINK {llllllll} NOT ALTERED, BAD CONFIGURATION PARAMETERS
Explanation	An attempt to alter the active configuration for link <code>llllllll</code> or the TCPI driver has failed due to invalid parameter specifications in the command <code>TCPI lllllll ALTER xxxx</code> , where <code>llllllll</code> is a link name or a wildcard value and <code>xxxx</code> is one or more configuration keywords and parameters. The cause of the problem may be one of the following: <ul style="list-style-type: none">■ 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 <code>RESTART</code> parameter is too low, the link or driver may be automatically reopened after the <code>CLOSE</code> command is issued and before the <code>ALTER</code> command can be reentered. To prevent this, specify <code>CLOSE (CL)</code> in the command string immediately before the subcommand <code>ALTER</code> . For example: <pre>TCPI linkname CL ALTER INETADDR=(127,0,0,1)</pre> 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	NWTCPOPC
NETP047I	LINK llllllll 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 <code>xxxxxx</code> was taken as a result.
Action	None.

NETP048I	LINK {IIIIIII} {XXXXXXXXXXXXXXXXXXXXXXXXXXXX}
Explanation	<p>This message is issued in response to an operator command that was sent to link or driver <i>IIIIIIII</i>. The link or driver name is followed by informational message text, which is one of the following:</p> <p>Invalid State For Cmnd - The driver or link was in an invalid state (open) for the command to be executed.</p> <p>Configuration Altered - The driver or link configuration was successfully updated.</p> <p>Manual Open Failed - Open processing failed.</p> <p>Connect In Progress - Connect processing for the link has been initiated.</p> <p>Disconnect In Progress - Disconnect processing for the link has been initiated.</p>
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	NWTCPOPC
NETP060I	<pre>-----CONFIGURATION FOR LINK {IIIIIII}----- 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={xxx:xxx:xxx:xxx:xxx:xxx:xxx:xxx}</pre>
Explanation	This multi-line display shows the current configuration for link <i>IIIIIIII</i> . 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	NWTCPOPC
NETP061I	LINK {IIIIIII} STATE({XXXXXXXXXXXX}) MSGS SENT({XXXXXXXX})
Explanation	<p>The current state of link or driver <i>IIIIIIII</i> 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.</p> <p>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 <i>IIIIIIII</i> STATUS command being issued.</p>
Action	None.
Module	NWTCPOPC

```
NETP062I      CONFIGURATION FOR DRIVER {dddd}
              ACCEPTUI({x}) API({xxx}) APITRACE({x,x,x,x,x,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,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 {lllllll} OR DRIVER {ddddddd}

```
Explanation  ↵
+-----+
(a) + Statistics For Link XXXXXXXX  Period xxxxx:xx:xx (xxxxxxxx.xxx ↵
Secs)  +
      + -----  ---Bytes---  --Messages--  -Api Calls--  ↵
      +-----+
(b) + Writes          xxxxxxx.xxxz  xxxxx,xxx,xxx  Xxxxx,xxx,xxx  ↵
Total      +
(c) + xxxxxxx.xxxz  xxxxx,xxx,xxx  Xxxxx,xxx,xxx  Per Second  +
(d) + Reads          xxxxxxx.xxxz  xxxxx,xxx,xxx  Xxxxx,xxx,xxx  ↵
Total      +
(e) + xxxxxxx.xxxz  xxxxx,xxx,xxx  Xxxxx,xxx,xxx  Per Second  +
      + -----  ---Total---  ----Task----  ---Other----  ↵
      +-----+
(f) + WRITE Cmds    xxxxx,xxx,xxx  xxxxx,xxx,xxx  xxxxx,xxx,xxx  ↵
Total      +
(g) +              xxxxx.xxx.xxxz  xxxxx,xxx,xxx  Xxxxx,xxx,xxx  ↵
Per Second  +
(h) + REAC Cmds    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 NWTCPPOPC

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 -----CONFIGURATION FOR LINK {lllllll}-----
ADJHOST({xx})
ADJNODE({xxxxxxxx}) **INETADDR**({xxx.xxx.xxx.xxx})
KEEPALIV({x}) **MULTSESS**({x}) **PSTATS**({x})
RSTATS({x}) **SAF**({x}) **SENDTIME**({xxxxxxxx})
STATINT({xxxxxxxx}) **TRACESIZ**({xxxxxxxx})

Explanation This multi-line display shows the current configuration for the Simple Connection Line Driver link *llllllll*. 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 CONFIGURATION FOR DRIVER TCPX
 ACCEPTUI({x}) API({api}) APITRACE({x,x,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,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}

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

NETP200W xxxx SUBSYSTEM ENTRY NOT FOUND

Explanation The IBM TCP/IP implementation under MVS is a 'port' of the TCP/IP implementation under z/VM. Under z/VM, applications issue Socket calls to the TCP/IP virtual machine via IUCV. Under MVS, applications issue Socket calls to the TCP/IP address space via simulated IUCV calls. Simulated IUCV calls are performed by issuing 'Program Call' (PC) instructions to routines that can move data from the application program address space to the TCP/IP address space. These routines are loaded when the VMCF address space is started during system (MVS) initialization.

IBM has implemented this by requiring changes to member IEASSN00 of SYS1.PARMLIB to define both a VMCF address space and VMCF subsystem control blocks. Entire Net-Work must locate the PC numbers that reside in the VMCF subsystem control blocks before it can issue any IUCV socket call. The subsystem control block chain is searched to locate the subsystem whose name matches the SUBSYS=parameter specified on the DRIVER statement. This message is issued if no such subsystem control block can be found.

Action Make sure that the value coded on the SUBSYS= parameter of the driver configuration statement matches the value specified in member IEASSN00 which resides in

SYS1.PARMLIB. The subsystem name used by most installations and which is also the default as shipped by IBM is 'VMCF'.

Module NWTCPIBM

NETP201I xxxxxxxx IS NOT ACTIVE (LOGGED ON)

Explanation The IBM TCP/IP address space whose job or started task name is specified by xxxxxxxx is not actively waiting for IUCV Socket calls. The Entire Net-Work TCP/IP driver obtains this name from the USER= parameter of the driver configuration statement. The default name is 'TCPIP', but this may vary from site to site.

Action Determine the name of the TCP/IP started task that is running the IBM TCP/IP protocol stack and specify that name on the USER= parameter of the driver configuration statement. If the name is correct, make sure that the TCP/IP started task/job is active and ready for processing.

Module NWTCPIBM

NETP202W UNABLE TO ALLOCATE CONNECT QUEUE ENTRY

Explanation When a connect request from a remote Entire Net-Work node is received, information such as host number and remote/local ports is stored in a connect queue entry. The main Entire Net-Work TCP program uses this information to decide whether to accept or reject the connection. The number of connect queue entries is determined at Entire Net-Work startup time by the CONNQUE= parameter in the DRIVER statement.

When this message was issued, all connect queue entries were in use. As a result, the connection was rejected.

Action The IBM API relies on the IBM TCP/IP stack to provide queuing of connect requests internally by specifying a queue depth when it BINDs its well known port. Entire Net-Work then issues a LISTEN call followed by asynchronous ACCEPT calls to receive incoming connect requests. Before Entire Net-Work issues any subsequent ACCEPT, it performs all necessary processing to accept or reject the connection. As a result, no more than one connect queue entry should ever be in use at a time. If this message is issued, there is a problem freeing connect queue entries within Entire Net-Work. Contact your Software AG technical support representative.

Module NWIBMEXT

NETP203W SOCKET ERROR OCCURRED ON xxxxxxxxxxxx FOR PARTNER xxx.xxx.xxx.xxx

Explanation An IUCV Socket call identified by xxxxxxxxxxxx failed for the link whose partner has the Internet host number xxx.xxx.xxx.xxx. Host number 000.000.000.000 indicates that the error occurred on the main driver socket. This message is followed by message [NETP204W](#), which provides the ERRNO value and an explanation of the error.

Action Locate message NETP204W following this message and perform the related action, if any.

Module NWTCPIBM, NWIBMEXT

NETP204W	ERRNO=xxxxxxxxxxxxxxxxxxxx(.....)
Explanation	A socket error occurred on a socket request issued by the Entire Net-Work IBM TCP API. This message consists of two parts, the error number mnemonic (ERRNO=) and the explanation of the error. See the IBM TCP/IP documentation.
Action	Message NETP203W should have been issued prior to this message. NETP203W contains the socket call that failed. Refer to the IBM TCP/IP documentation, and locate the section dealing with the issuance of the socket call that failed. Also locate the list of ERRNO values that can occur, and an explanation of how the ERRNO value applies to the failing socket call. Perform the action specified for the specific ERRNO value/socket call combination, if any.
Module	NWTCPIBM, NWIBMEXT
NETP205W	SEVER CODE: xxxxxxxxxxxxxxxx FROM PARTNER AT xxx.xxx.xxx.xxx
Explanation	The IBM TCP/IP protocol stack has severed the IUCV connection between itself and the Entire Net-Work IBM TCP API for the link whose partner has the Internet host number xxx.xxx.xxx.xxx. If the Internet host number is 000.000.000.000, the sever occurred on the main IUCV path for the driver. The IBM TCP/IP stack provides a sever reason code when it terminates the IUCV path. Sever reason codes are located in the IBM TCP/IP documentation.
Action	Locate the sever reason code and follow the action for that specific reason code, if any.
Module	NWIBMEXT
NETP206W	iiiiiiiiiiiiiii CALL FAILED, R15 = xxxx, FUNCTION= ffffffff
Explanation	An attempt to issue a socket call via an IUCV function iiiiiiiiiiiiii such as IUCVMCOM SEND failed. The related socket function, if applicable, is listed as ffffffff. The value returned in register 15 (xxxx) is displayed in decimal to aid in debugging.
Action	A return value generated by an IUCV call and displayed as xxxx in this message can be the IUCV return code or the IUCV IPR return code. If the return value is between 2 and 999, it is an IUCV return code. If the return value is greater than 1000, it is the sum of the IPR return code and 1000. Subtract 1000 from the return value to get the true IPR return code. Return codes are described in the IBM TCP/IP documentation. Perform the related actions for the IUCV Return Code or the IUCV IPR code, if any.
Module	NWTCPIBM, NWIBMEXT

NETP207E	IPAUDIT=X'xxxxxx ON xxxxxxxxxx FOR PARTNER xxx.xxx.xxx.xxx
Explanation	When an IUCV request completed, one or more of the three audit fields (IPAUDIT) located in the IUCV parameter list (IPARML) was set. The IPAUDIT fields are comprised of bit settings that indicate what type of exceptional error occurred when IUCV tried to process the request. When any of the IPAUDIT bits are set, this message is issued on behalf of the link whose partner has the Internet host number xxx.xxx.xxx.xxx. If the Internet host number is 000.000.000.000, the exceptional error occurred on the main socket for the driver.
Action	This error is generally indicative of a logic error in the Entire Net-Work IBM TCP API. Issue the SNAP operator command and contact your Software AG technical support representative.
Module	NWTCPIBM, NWIBMEXT
NETP208E	AN IUCV CONNECT COMPLETED BUT UNABLE TO LOCATE A CONNECTING SCT
Explanation	An IUCV connect was issued to create a path between Entire Net-Work and the IBM TCP/IP protocol stack. The IUCV interface does not provide a mechanism to pass user context to the IUCV connect completion routine. The IUCV connect completion routine must therefore scan through a chain of Session Control Tables (SCTs) searching for an SCT waiting for an IUCV connect to complete. However, at the time the IUCV connect completed, there were no SCTs on the chain. IUCV connect processing terminates.
Action	This condition should not normally occur. Issue an Entire Net-Work SNAP command and contact your Software AG technical support representative.
Module	NWIBMEXT
NETP209E	ERROR OCCURRED OBTAINING OR FREEING STORAGE
Explanation	An error occurred when attempting to obtain or release virtual storage. When this occurs, it is usually caused by one of the following: there is insufficient storage in the region to satisfy the obtain; or, one of the buffer pools was not large enough to satisfy the storage request.
Action	Check the buffer pool statistics by issuing the operator command DISPLAY STATISTICS. 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	NWTCPIBM, NWIBMEXT

NETP300I	NET-WORK TCP/IP BS2000 API STARTED, VERSION {xxx} / {xxxxxx} / CHANGE STATUS {xxx}
Explanation	This message provides the version, creation date, and change status for BS2000 systems running Sockets version 2.1 or earlier.
Action	No action is required for this informational message.
Module	NWTCPBS2
NETP301I	NET-WORK BS2000 EVENT COUPLED SOCKETS API STARTED, VERSION {version} BUILD {build}
Explanation	This message provides the version and build number for the BS2000 Sockets TCP/IP interface running Sockets version 2.2 or later.
Action	No action is required for this informational message.
Module	NWTCPBS2
NETP305W	UNEXPECTED RETURN CODE xxxxxxxx FROM xxxxxxxxx
Explanation	A system call returns an unexpected error.
Action	Refer to the SNI documentation for BS2000, and contact your Software AG technical support representative.
Module	NWTCPBS2
NETP308I	MEMORY POOL xxxxxxxxxxxxxxxx AT xxxxxxxx
Explanation	This message provides information for support.
Action	None
Module	NWTCPBS2
NETP322E	LINK TABLE IS FULL, INCREASE YOUR CLIENT LIMIT
Explanation	The client limit has been reached in the common memory pool.
Action	Increase the number of clients specified for the OPTIONS1 parameter on the DRIVER statement for the next Entire Net-Work startup and/or disconnect any unused links. For more information, see the section <i>TCP/IP DRIVER Statement</i> in the <i>Entire Net-Work TCP/IP Option Administration Guide</i> .
NETP332E	REMOTE HOST xxxxxxxxxxxxX NOT FOUND, GETHOSTBYNAME() = xxx
Explanation	The host name corresponding to this IP address could not be found. The host name may be incorrect, too long, undefined, or otherwise invalid.
Action	Specify the correct entry with the /BCIN command or try using the IP address, i.e., specify the INETADDR= parameter instead of the ADJHOST= parameter, but do not specify both. See the section <i>TCP/IP LINK Statement</i> in the <i>Entire Net-Work TCP/IP Option Administration Guide</i> .

Module NWBS2SUB

NETP333W UNEXPECTED RC {rc} FROM {process}

Explanation These are errors in the initialization of the BS2000 TCP/IP Sockets Interface. The response codes (*rc*) are described in the NETP344W error message. The process in which the error occurred is given in the message (*process*) and may be one of the following:

Process	Description
IOR GETMAIN P1	Cannot get memory for the interface.
IOR GETMAIN P2	Cannot get memory for the interface.
IOR GET EVENT ID	Internal information concerning the event name cannot be carried out.
SOCKET FOR LISTEN	Cannot get the listen socket.
BIND	Cannot bind the listen socket.
POST	The post back to the driver has failed.
GETEVENT	Getting the P1 event

Action Review the response code to determine what the problem is. If you need additional assistance, contact your Software AG technical support representative.

Module NWTCPBS2

NETP336I UNEXPECTED RC {rc} FROM SOCKET CALL {type} FOR SOCKET {sname}

Explanation An error has been received from an action on the socket named in the message (*sname*). The response code from the attempt (*rc*) and the type of socket call (*type*) are given in the message. The types of calls may be one of the following:

Call Type	Description
RECEIVE	Receive error on the socket
CLOSE	Close socket call
CLOSE DRIVER	Close line call

Action Review the response code to determine what the problem is. If you need additional assistance, contact your Software AG technical support representative.

Module NWTCPBS2

NETP338I MAIN TASK LOST

Explanation The Entire Net-Work main task terminated abnormally. The subtask forces its own termination processing.

Action Refer to the SYSOUT protocol for further details.

Module NWBS2SUB

NETP340I {process} ** FAILED ** RSP {rc}

Explanation An error occurred in the event acceptor callback routine defined by the response code given in the message (*rc*). These response code numbers are described in error message NET0344W. The process in which the error occurred is given in the message (*process*) and may be one of the following:

Call Type	Description
ACCEPT CONN SOCKET	Accept socket connection.
ACCEPT NO SOCKET	Socket cannot be accessed because it is not in the internal table.
ACCEPT ADD SOCKET	Socket connection cannot be accepted because there is no space for the new connection.
ACCEPT OUT	Outgoing connect request refused.
GO SIGNAL	Connection signaling error occurred.

Action Review the response code to determine what the problem is. If you need additional assistance, contact your Software AG technical support representative.

Module NWTCPBS2

NETP341W UNEXPECTED RC {rc} FROM SOCKET CALL {type}

Explanation An error occurred during a Sockets call. The response code from the call (*rc*) and the type of socket call (*type*) are listed in the message. The type of socket call may be one of the following:

Call Type	Description
SOCKET CONN	Connect to the socket
CONNECT	Build of connection

Action Review the response code to determine what the problem is. If you need additional assistance, contact your Software AG technical support representative.

Module It should contain the file BS2.ERRNO.H. Check the meaning of the RC in this file and if necessary, contact your Software AG technical support representative.

Module NWTCPBS2 / NWBS2SUB

Module NWTCPBS2

NETP344W

UNEXPECTED RC {rc} FROM {process-type}, LEN={length}

Explanation

An error occurred in the BS2000 Sockets TCP/IP interface and the response code (*rc*), type of process (for example, SEND/RECEIVE) and the length of the data involved (*length*) are given in the message. Here are some possible sockets response codes:

Response Code	Description
60	The device is not a stream.
61	No data (for no delay I/O).
62	The timer expired.
63	An out of streams resource was detected.
64	The machine is not on the network.
65	A package is not installed.
66	The object is remote.
67	The link has been severed.
68	An advertise error occurred.
69	An srmount error occurred.
70	A communication error occurred during a send operation.
71	A protocol error occurred.
74	A multihop was attempted.
95	A socket operation was attempted on a non-socket.
96	A destination address is required.
97	The message is too long.
98	The specified protocol is the wrong type for the socket.
99	The protocol is not available.
120	The specified protocol is not supported.
121	The socket type is not supported.
122	The specified operation is not supported on the socket.
123	The protocol family is not supported.
124	The address family is not supported by the protocol family.
125	The address is already in use.
126	An attempt to assign the requested address failed.
127	The network is down.
128	The network is unreachable.
129	The network dropped the connection.
130	The software caused a connection abort.
131	The connection was reset by a peer.
132	No buffer space is available.
133	The socket is already connected.

Response Code	Description
134	The socket is not connected.
143	An attempt to perform a send operation occurred after the socket was shut down.
144	Too many references -- attempts to splice fail.
145	The connection timed out.
146	The connection was refused.
147	The host is down.
148	There is no route to the host.
149	The operation is already in progress.
150	The operation is now in progress.
206	No such device or address can be found.
207	The argument list is too long.
208	An Exec format error occurred.
210	No children exist.
211	No more processes exist.
212	Not enough core.
213	Permission is denied.
215	A block device is required.
243	No CSI structure is available.
244	Level 2 halted.
250	A block has not been fully transferred.

Action Check the response code to determine the cause of the problem.
Module NWTCPBS2

NETP345W **SC SEND INCOMPLETE, {bytes} FROM {start-value}**
Explanation Entire Net-Work has attempted to send data via the BS2000 TCP/IP Sockets interface. Only some of the data has been sent. The number of bytes sent (*bytes*) and the starting value (*start-value*) are given in the message.

Action Check accompanying error messages and act accordingly.
Module NWTCPBS2

NETP351I	LD ACCEPTED NO ADD SOCKET {name}
Explanation	This is a Sockets management error. There are only a maximum of 2048 sockets. The socket named in the message (<i>name</i>) cannot be added to the list.
Action	Consider reconfiguring your system to reduce the number of sockets being used. For additional assistance, contact your Software AG technical support representative.
Module	NWTCPBS2
NETP354I	MAIN TASKS TCP/IP INITIALIZATION FAILED
Explanation	A problem occurred during the command socket initialization; i.e., this is a TCP/IP problem.
Action	Try again when TCP/IP is functioning properly or contact your Software AG technical support representative.
Module	NWBS2SUB
NETP359I	SUBTASK NORMALLY TERMINATED
Explanation	Entire Net-Work terminated normally as the result of an operator command.
Action	None
Module	NWBS2SUB
NETP369I	SUBTASK INITIALIZED
Explanation	The subtask is successfully initialized and is ready to accept any incoming connections.
Action	None
Module	NWBS2SUB
NETP370I	NETWORK ABEND OCCURRED, PSW: xxxxxxxx, IC: xx
Explanation	An Entire Net-Work program interrupt has occurred. The message displays the program counter and the interrupt code, and Entire Net-Work terminates abnormally.
Action	Produce an Entire Net-Work dump and then contact your Software AG technical support representative.
Module	NWTCPBS2 / NWBS2SUB
NETP373I	UNKNOWN COMMAND RECEIVED
Explanation	The operator command for the subtask has a syntax error.
Action	Correct and retry.
Module	NWBS2SUB

NETP375I	xxxxxxx ACCEPTED
Explanation	The operator command is accepted and activated.
Action	None.
Module	NWBS2SUB
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 xxxxxxxx. 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 TCP/IP Option 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
NETP638W	Unable to determine host name
Explanation	An attempt to retrieve the TCP/IP host name failed.
Action	Check the joblog and syslog for any additional Entire Net-Work messages that may provide a reason for the problem.
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	NWTCPOES
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	NWTCPOES
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	NWTCPOES

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	NWTCPOES
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	NWTCPOES
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 TCP/IP Option 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
NETP737W	Unable to determine host name
Explanation	An attempt to retrieve the TCP/IP host name failed.
Action	Check the joblog and syslog for any additional Entire Net-Work messages that may provide a reason for the problem.
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}, CONTEXTV {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 <i>xxxxx</i> IS NO LONGER ACTIVE; UNABLE TO SEND REPLY
Explanation	Client <i>xxxxx</i> was terminated before the current reply could be sent back, where <i>xxxxx</i> 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: {<i>modname</i>}, 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 ({<i>drvname</i>}).
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 ({<i>drvname</i>}) SSL SUPPORT FAILED, RC({<i>code</i>})
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	{<i>sslfunction</i>} FAILED WITH RC {<i>code</i>} FOR LINK {<i>lnkname</i>}
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	The link named in the message was disconnected from the partner TCP/IP address named in the message by one of the following events:
	<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.
	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.
	The system continues processing without the link. If the disconnection was due to an error, other messages should indicate the cause of the disconnection.
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	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. The link is disconnected.
Action	Use the TCP/IP line driver (TCPI line driver) to make mainframe-to-mainframe connections.
NETP826E	API=OES is required if ZIIP=YES
Explanation	API=OES must be used if ZIIP=YES. This is because the calls used in the HPS routine require TCB mode, which would result in a very large number of mode switches.
Action	If ZIIP=YES, use API=OES
NETP827E	Unable to resolve {hostname}
Explanation	The TCP/IP address for the host name could not be retrieved. This message was issued while attempting to locate the Directory Server (ADI). See the <i>Adabas Directory Server</i> documentation for more information on how the ADI is located.
Action	No action is required if the ADI was successfully located. Otherwise, check the TCP/IP and/or DNS configuration to determine why the host name could not be resolved.

NETP828I	Connected to ADI on host {host name} port {nnnnn}
Explanation	The session has successfully connected to the Directory Server (ADI).
Action	No action is required for this informational message.
NETP829I	Target {xxxxx} registered with ADI [in partition {xxxxxxxx}] Node {xxxxx} registered with ADI
Explanation	The target ID/Net-work node was successfully added to the Directory Server (ADI).
Action	No action is required for this informational message.
NETP830E	Target {xxxxx} register failed: Node {xxxxx} register failed:
Explanation	The attempt to register the target or node with the Directory Server (ADI) failed. This message is followed by NETP834E which contains the error text returned by the ADI.
Action	Investigate the cause of the error in the NETP834E message.
NETP831E	Target {xxxxx} deregistered with ADI Node {xxxxx} deregistered with ADI
Explanation	The target ID/Net-work node was successfully deregistered from the Directory Server (ADI).
Action	No action is required for this informational message.
NETP832E	Target {xxxxx} deregister failed: Node {xxxxx} deregister failed:
Explanation	The attempt to deregister the target or node from the Directory Server (ADI) failed. This message is followed by NETP834E which contains the error text returned by the ADI.
Action	Investigate the cause of the error in the NETP834E message.
NETP833E	Unknown message received from ADI:
Explanation	An unknown message was received from the Directory Server (ADI). This message is followed by NETP834E which contains the text of the message received from the ADI.
Action	Check that the version of the ADI is compatible with the Entire Net-Work version.

NETP834E	{error message text}
Explanation	This message contains the text of an error response returned by the Directory Server (ADI). It is preceded by NETP830E , NETP832E , or NETP833E .
Action	Investigate the cause of the error.
NETP835E	Unable to obtain local hostname; ADI support disabled
Explanation	The session was unable to acquire the local host name. This name is required so that it can be registered with the Directory Server (ADI). ADI support is disabled.
Action	Check the TCP/IP and/or DNS configuration to determine why the local host name could not be resolved.
NETP836I	TCPIN has been opened
Explanation	The DDNAME TCPIN has been opened.
Action	No action is required for this informational message.
NETP837W	Invalid parameter in TCPIN
Explanation	An invalid parameter or invalid syntax was encountered. Processing of the parameters in TCPIN is terminated.
Action	See the <i>ADATCP TCPIN</i> documentation for the parameters that can be specified in TCPIN.
NETP899I	{message text}
Explanation	This message displays various informational messages during SSL initialization.
Action	No action is required for this informational message.

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NETQ*- CSCI Messages

NETQ001I	CLIENT/SERVER INTERFACE INITIALIZATION COMPLETE
Explanation	The Client/Server Interface (CSCI) has been initialized and is ready for CSCI communication. It is loaded when first required, not at Entire Net-Work startup.
Action	None required. This message is informational only.
NETQ002I	CSCI SERVER xxxxxxxx ACT TARG(nnnnn) SRV(nnnnn)
Explanation	A CSCI server is active with server name xxxxxxxx, target ID nnnnn, and server ID nnnnn.
Action	None required. This message is informational only.
NETQ003I	NO REGISTERED SERVERS EXIST
Explanation	This message is issued in response to a DISPLAY CSCI operator command if no CSCI servers are active.
Action	None required. This message is informational only.
NETQ004I	REGISTERED SERVERS DISPLAY FUNCTION COMPLETE
Explanation	This message is issued at the end of the output of a DISPLAY CSCI operator command.
Action	None required. This message is informational only.
NETQ005E	CSCI REGISTER FOR SERVER xxxxxxxx FAILED
Explanation	An attempt to register a CSCI server failed because the server name or server ID is not unique.
Action	Make sure the server name and server ID for the CSCI server are unique.

NETQ006I	CSCI DEREGISTER FOR SERVER xxxxxxxx COMPLETE
Explanation	The CSCI server with name xxxxxxxx has successfully deregistered.
Action	None required. This message is informational only.
NETQ007I	CSCI REGISTER FOR SERVER xxxxxxxx COMPLETE
Explanation	The CSCI server with name xxxxxxxx has successfully registered.
Action	None required. This message is informational only.
NETQ008E	CSCI DEREGISTER FOR SERVER xxxxxxxx FAILED
Explanation	The CSCI server with name xxxxxxxx failed to deregister because the server name was not found or the target ID did not match.
Action	Check the CSCI server configuration to determine why a deregister call was issued for the wrong server name or target ID.

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NETS* - NETSIP/NETSIR Initialization Program Messages

NETS000	Entire Net-Work V5 VSE SIP STARTED SIP IS RUNNING UNDER VSE/systype-mode (yyyy-mm-dd, SP=xxx, ZAP=xxxx) SIP IS RUNNING UNDER OSYS LEVEL Vvvv
Explanation	<p>z/VSE: The NETSIP program has started. <i>systype</i> is the z/VSE operating system type and 'mode' is the ECPS (EMODE) or 370 operating mode.</p> <p>NETSIP continues execution.</p>
Action	None required. This message is informational only.
NETS001	SUBSID MACRO ERROR
Explanation	<p>The z/VSE operating system release is too low for installing Entire Net-Work. NETSIP received a non-zero return code from the operating system.</p> <p>NETSIP backs out any modifications to the system and terminates prematurely.</p>
Action	Refer to the section <i>Supported Operating System Platforms</i> in the <i>Entire Net-Work Installation Guide</i> .
NETS002	UNSUPPORTED VSE RELEASE BASED UPON SUBSID
Explanation	<p>z/VSE: A NETSIP validation check indicates an unsupported operating system level.</p> <p>NETSIP backs out any modifications to the system and terminates prematurely.</p>
Action	The z/VSE operating system release is too low for installing Entire Net-Work. Refer to the section <i>Supported Operating System Platforms</i> in the <i>Entire Net-Work Installation Guide</i> .

NETS003	VSE SYSTEM NOT RUNNING UNDER VM
Explanation	z/VSE: The operating system is not running in a virtual machine in the z/VM environment. NETSIP backs out any modifications to the system and terminates prematurely.
Action	Run the z/VSE system under z/VM, or use a line driver that is not dependent on z/VM.
NETS004	NETSIP NOT RUNNING IN A VIRTUAL PARTITION
Explanation	z/VSE: NETSIP is executing in a 'V=R' partition. NETSIP backs out any modifications to the system and terminates prematurely.
Action	Execute NETSIP in a 'V=V' partition.
NETS005	NO SYSPARM VALUE SPECIFIED FOR SVC
Explanation	z/VSE: NETSIP could not find a SYSPARM input, and the specified SVC has not been 'zapped'. NETSIP backs out any modifications to the system and terminates prematurely.
Action	Either provide the SVC with SYSPARM, or zap the specified SVC with NETSIP.
NETS006	DEFAULT VALUE USED FOR THE SVC
Explanation	z/VSE: No SYSPARM SVC has been used. This message is informational only. NETSIP continues execution, no error has occurred.
Action	NETSIP defaults to use of the zapped SVC.
NETS007	NON-NUMERIC DATA FOUND IN SYSPARM FIELD
Explanation	z/VSE: Either SYSPARM or the default NETSIP SVC contains a non-numeric value. NETSIP backs out any modifications to the system and terminates prematurely.
Action	Correct the specified SYSPARM value, or set the default SVC value to 31.
NETS008	INVALID RANGE SPECIFIED FOR THE SVC 30-256
Explanation	z/VSE: NETSIP found an SVC less than 30 or greater than 256 in SYSPARM or the NETSIP default SVC. NETSIP backs out any modifications to the system and terminates prematurely.
Action	Set the SVC to a value within the range 30-256.

NETS010	NETSVCxx WAS NOT FOUND IN THE SVA
Explanation	z/VSE: While performing a z/VSE load, NETSIP found that the specified level NETSVC was not in the SVA. NETSIP backs out any modifications to the system and terminates prematurely.
Action	Relink the Entire Net-Work SVC with SVA using the z/VSE 'PHASE' statement, or do the SET SDL for NETSVCxx (z/VSE).
NETS011	NO MATCH ON ID - INCORRECT NETSVC LOADED
Explanation	z/VSE: NETSIP found an incorrect SVC version while trying to do a load operation. NETSIP backs out any modifications to the system and terminates prematurely.
Action	Relink NETSVCV5 with the correct Version 5 SVC module.
NETS012	SVC TABLE ENTRY WAS FOUND TO BE INVALID
Explanation	z/VSE: The SVC number provided by SYSPARM is either not valid, or does not represent either the old or new version of the z/VSE Entire Net-Work SVC. This error can occur if the UPSI statement's 'C' parameter specified '1'. NETSIP backs out any modifications to the system and terminates prematurely.
Action	Respecify the UPSI statement, or specify another unused SVC value. Rerun NETSIP.
NETS013	NETSIP HAS ALREADY RUN BEFORE
Explanation	z/VSE: NETSIP found that the same program is being run again. NETSIP backs out any modifications to the system and terminates prematurely.
Action	The SVC is not installed. To reinstall the same SVC, you must first perform a SET SDL.
NETS014	NON-ZERO RETURN CODE FROM NETSVC
Explanation	z/VSE: The initial invocation of the Entire Net-Work SVC completed abnormally. NETSIP backs out any modifications to the system and terminates prematurely.
Action	Verify that the correct version of the SVC has been loaded into the SVA, then rerun NETSIP.

NETS015	CPIT TABLE NOT FOUND IN SVA
Explanation	z/VSE: A request was made for NETSIP to snap the Entire Net-Work areas but the cross-product interface table could not be located in the SVA. NETSIP backs out any modifications to the system and terminates prematurely.
Action	Correct this problem by making sure that there is a SET SDL done for the CPIT (XPR\$CPIT).
NETS017	SVC TABLE CANNOT BE LISTED UNDER MVS/ESA
Explanation	z/VSE: The NETSIP program does not support the listing of the z/VSE SVCTAB for the operating system VSE/MVT. NETSIP puts out this message and terminates prematurely.
Action	Consult the VSE/MVT manual to install a user SVC.
NETS018	INVALID KEYWORD WAS FOUND IN THE PARM FIELD
Explanation	z/VSE: The parameter field specified on the z/VSE EXEC statement contained a keyword that was not recognized. NETSIP puts out this message and terminates prematurely.
Action	Correct the parameter value and rerun NETSIP.
NETS019	NON NUMERIC DATA FOUND IN THE QSIZE FIELD
Explanation	z/VSE: The value for the QSIZE parameter was not numeric. NETSIP puts out this message and terminates prematurely.
Action	Correct the parameter value and rerun NETSIP.
NETS020	INVALID LENGTH FOR THE RESID FIELD
Explanation	z/VSE: The value for the RESID parameter was longer than eight characters. NETSIP puts out this message and terminates prematurely.
Action	Correct the parameter value and rerun NETSIP.
NETS021	NON ZERO RETURN CODE FROM IUCV QUERY
Explanation	z/VSE: The program NETSIP has detected a non zero condition from the IUCV query for max. connections. NETSIP backs out any modifications to the system and terminates prematurely.
Action	Contact local Entire Net-Work support personnel.

NETS022	UNABLE TO HOOK EXTERNAL FLIH
Explanation	z/VSE: The program NETSIP was unable to locate from the existing external FLIH the address of the savearea used by that FLIH. NETSIP backs out any modifications to the system and terminates prematurely.
Action	Contact local Entire Net-Work support personnel.
NETS023	UNABLE TO ACQUIRE COMMON STORAGE VIA GETVIS
Explanation	z/VSE: The program NETSIP was unable to acquire GETVIS storage in the SVA for the necessary control blocks. NETSIP backs out any modifications to the system and terminates prematurely.
Action	Increase the size of real GETVIS storage in the SVA and IPL the z/VSE system.
NETS024	IUCV ERROR DURING CONNECT FUNCTION
Explanation	z/VSE: The program NETSIP detected a non zero return code from the dummy IUCV connect to determine MSGLIMIT. NETSIP backs out any modifications to the system and terminates prematurely.
Action	Contact local Entire Net-Work support personnel.
NETS025	UNABLE TO ACQUIRE INTQ STORAGE VIA GETVIS
Explanation	z/VSE: The program NETSIP could not acquire storage in the SVA for either the Entire Net-Work 5 interrupt queue or the path table. NETSIP backs out any modifications to the system and terminates prematurely.
Action	Increase the size of real GETVIS storage in the SVA and IPL the z/VSE system.
NETS026	STXIT AB HAS BEEN ENTERED IN NETINIT
Explanation	z/VSE: The NETSIP abend handler has been entered while running this utility. NETSIP backs out any modifications to the system and terminates prematurely.
Action	Contact local Entire Net-Work support personnel.
NETS027	NON ZERO RETURN CODE FROM SEVER
Explanation	z/VSE: The program NETSIP has detected a non zero return from the IUCV sever function. NETSIP backs out any modifications to the system and terminates prematurely.
Action	Contact local Entire Net-Work support personnel.

NETS028	IUCV PRODUCT ENTRY NOT IN CPIT
Explanation	z/VSE: The program NETSIP has detected that it could not find a IUCV product entry in the CPIT in the SVA (XPR\$CPIT). NETSIP backs out any modifications to the system and terminates prematurely.
Action	Contact local Entire Net-Work support personnel.
NETS029	DECLARE BUFFER ALREADY DONE
Explanation	z/VSE: The program NETSIP has detected that another program has previously done an IUCV declare buffer and the program NETSIP cannot find the necessary entries in the CPIT to obtain the address of the external buffer. NETSIP backs out any modifications to the system and terminates prematurely.
Action	Contact local Entire Net-Work support personnel.
NETS030	NO FREE SLOTS IN CPIT
Explanation	z/VSE: The Cross Product Interface Table is full. NETSIP backs out any modifications to the system and terminates prematurely.
Action	Contact local Entire Net-Work support personnel.
NETS031	LOAD FAILED FOR XPR\$CPIT
Explanation	z/VSE: The program NETSIP detected a non zero return code from the z/VSE load macro for the CPIT table (XPR\$CPIT). NETSIP backs out any modifications to the system and terminates prematurely.
Action	Check that you have done a SET SDL for the phase XPR\$CPIT into the SVA.
NETS032	XPR\$CPIT NOT IN SVA
Explanation	z/VSE: The program NETSIP has detected via the z/VSE load macro that the phase XPR\$CPIT was found but not in the SVA. NETSIP backs out any modifications to the system and terminates prematurely.
Action	Check that you have done a SET SDL for the phase XPR\$CPIT into the SVA.

NETS033	XPR\$CPIT NOT IN SDL
Explanation	z/VSE: The program NETSIP has detected in scanning the SVA SDL that the phase XPR\$CPIT was not found.
	NETSIP backs out any modifications to the system and terminates prematurely.
Action	Check that you have done a SET SDL for the phase XPR\$CPIT into the SVA.
NETS034	INITIALIZATION LOGIC ERROR DETECTED
Explanation	z/VSE: The program NETSIP has detected that it is running with a z/VM generated supervisor, however, the 370 support module has received control.
	NETSIP backs out any modifications to the system and terminates prematurely.
Action	Contact your Software AG technical support representative.
NETS038	NETSVCxx IS RMODE=ANY
Explanation	z/VSE: NETSVC has been link-edited incorrectly, i.e., with RMODE=ANY.
	NETSIP backs out any modifications to the system and terminates prematurely.
Action	Refer to the sample link-edit JCS LINKIUCV.X to correctly link edit NETSVC with RMODE=24.
NETS039	NETSIP IS AMODE=31
Explanation	z/VSE: NETSIP has detected a 31-bit addressing capability and has switched to AMODE=31. This is an informational message that appears only on z/VSE Version 2.6 or above.
Action	None.
NETS040	NETSVCxx svcnumb INSTALLED
Explanation	z/VSE: NETSIP has installed Version 5 SVC 'svcnumb' successfully.
	NETSIP terminates normally.
Action	None required. This message is informational only.
NETS041	NETSIP TERMINATED ABNORMALLY
Explanation	z/VSE: NETSIP was stopped by an unrecoverable error. This message is accompanied by other messages describing the problem.
	NETSIP has encountered an error and backed out all modifications made to the system.
Action	Refer to the 'action' descriptions in the accompanying messages.

NETS042	xxxxxx = SVC ADDRESS
Explanation	z/VSE: This is an informational message that provides the SVC address of NETSVC.
Action	None.
NETS043	xxxxxx = COMMON AREA ADDRESS
Explanation	z/VSE: This is an informational message that provides the common area address.
Action	None.
NETS044	xxxxxx = INTERRUPT QUEUE ADDRESS
Explanation	z/VSE: This is an informational message that provides the interrupt queue address.
Action	None.
NETS045	xxxxxx = PATH TABLE ADDRESS
Explanation	z/VSE: This is an informational message that provides the path table address.
Action	None.
NETS050	AREAS HAVE BEEN SNAPPED TO SYSLST
Explanation	z/VSE: The NETSIP program has snapped certain areas based upon the user setting the upsi 80 byte and these areas have now been snapped to SYSLST.
	NETSIP terminates normally after the printing the data.
Action	None required. This message is informational only.
NETS051	VSE SVC nnnn is xxxxxx
Explanation	z/VSE: The program NETSIP lists the z/VSE SVCTAB indicating used and unused SVCs.
	This is an informational message and no further action is taken.
Action	The user can select an unused SVC for the Entire Net-Work z/VSE SVC:
	nnnn z/VSE SVC Number
	xxxxxx is either used or unused status.

NETS052	VSE SVC TABLE AUDIT COMPLETED
Explanation	z/VSE: The program NETSIP has completed the listing of the z/VSE SVCTAB. This is an informational message and no further action is taken.
Action	None required. This message is informational only.
NETS500	Entire Net-Work 5 INSTALLATION PROGRAM NETSIP (yyyy-mm-dd, SP=sp, ZAP=zap) OPERATING SYSTEM ==> sys
Explanation	MVS: The message indicates that NETSIP has started execution. The system maintenance and zap levels are displayed and the operating system environment (MVS/SP, MVS/XA or MVS/ESA) NETSIP continues execution.
Action	None required. This message is informational only.
NETS501	ERROR(S) DETECTED IN EXTRACT PROCESSING: I=> parm-string
Explanation	MVS: The parameter extraction process has encountered a string that could not be parsed. The parameter string in error is displayed with the error string underscored. NETSIP terminates abnormally with a dump.
Action	Correct the parameter string and rerun the job.
NETS502	ERROR(S) DETECTED IN VALIDATE PROCESSING:
Explanation	MVS: The parameter validation process has encountered an invalid parameter value. This message is followed by one of the messages NETS503 through NETS514 which supplies further information. NETSIP terminates abnormally with a dump.
Action	Correct the parameter value and rerun the job.
NETS503	KEYWORD=CONSID, VALUE=consid
Explanation	MVS: The value 'consid' is invalid for the CONSID parameter. This message is preceded by the message NETS502 . NETSIP terminates abnormally with a dump.
Action	Correct the CONSID parameter value and rerun the job.

- NETS504** **KEYWORD=CSTORAGE, VALUE=cstorage**
Explanation MVS: The value 'cstorage' is invalid for the CSTORAGE parameter.

 This message is preceded by the message [NETS502](#). NETSIP terminates abnormally with a dump.
Action Correct the CSTORAGE parameter value and rerun the job.
- NETS505** **KEYWORD=CSUBSYS, VALUE=csubsys**
Explanation MVS: The value 'csubsys' is invalid for the CSUBSYS parameter.

 This message is preceded by the message [NETS502](#). NETSIP terminates abnormally with a dump.
Action Correct the CSUBSYS parameter value and rerun the job.
- NETS507** **KEYWORD=LEAVE, VALUE=leave**
Explanation MVS: The value 'leave' is invalid for the LEAVE parameter.

 This message is preceded by the message [NETS502](#). NETSIP terminates abnormally with a dump.
Action Correct the LEAVE parameter value and rerun the job.
- NETS508** **KEYWORD=NSUBSYS, VALUE=nsubsys**
Explanation MVS: The value 'nsubsys' is invalid for the NSUBSYS parameter.

 This message is preceded by the message [NETS502](#). NETSIP terminates abnormally with a dump.
Action Correct the NSUBSYS parameter value and rerun the job.
- NETS509** **KEYWORD=PSTORAGE, VALUE=pstorage**
Explanation MVS: The value 'pstorage' is invalid for the PSTORAGE parameter.

 This message is preceded by the message [NETS502](#). NETSIP terminates abnormally with a dump.
Action Correct the PSTORAGE parameter value and rerun the job.

NETS510	KEYWORD=QSIZE, VALUE=qsize
Explanation	MVS: The value 'qsize' is invalid for the QSIZE parameter. This message is preceded by the message NETS502 . NETSIP terminates abnormally with a dump.
Action	Correct the QSIZE parameter value and rerun the job.
NETS511	KEYWORD=REPLACE, VALUE=replace
Explanation	MVS: The value 'replace' is invalid for the RESTORE parameter. This message is preceded by the message NETS502 . NETSIP terminates abnormally with a dump.
Action	Correct the RESTORE parameter value and rerun the job.
NETS512	KEYWORD=SNAP, VALUE=snap
Explanation	MVS: The value 'snap' is invalid for the SNAP parameter. This message is preceded by the message NETS502 . NETSIP terminates abnormally with a dump.
Action	Correct the SNAP parameter value and rerun the job.
NETS513	KEYWORD=SVCNR, VALUE=svcnr
Explanation	MVS: The value 'svcnr' is invalid for the SVCNR parameter. This message is preceded by the message NETS502 . NETSIP terminates abnormally with a dump.
Action	Correct the SVCNR parameter value and rerun the job.
NETS514	KEYWORD=SVCTAB, VALUE=svctab
Explanation	MVS: The value 'svctab' is invalid for the SVCTAB parameter. This message is preceded by the message NETS502 . NETSIP terminates abnormally with a dump.
Action	Correct the SVCTAB parameter value and rerun the job.

NETS515	INVALID OPERATING SYSTEM DETECTED - NOT MVS
Explanation	MVS: An attempt was made to execute the MVS version of NETSIP in an environment other than MVS. NETSIP terminates abnormally with a dump.
Action	Execute the version of NETSIP which matches your system or upgrade your system to a supported level of MVS.
NETS516	EXECUTE PARAMETER LENGTH GREATER THAN MAXIMUM (68)
Explanation	MVS: A parameter value longer than 68 bytes was encountered. NETSIP terminates abnormally with a dump.
Action	Correct the NETSIP parameters.
NETS517	CATASTROPHIC CONDITION OCCURRED IN EXTRACT
Explanation	MVS: An unexpected delimiter value was encountered during parameter paring. NETSIP terminates abnormally with a dump.
Action	Correct the NETSIP parameters.
NETS518	TERMINAL ERROR(S) DETECTED IN PARAMETER PROCESSING
Explanation	MVS: A parameter error was encountered. This message is preceded by messages which explain the error in detail.
Action	Correct the NETSIP parameters.
NETS519	PROGRAM ADDRESSING MODE INCORRECT (NOT AMODE=31)
Explanation	MVS: In an MVS/XA or MVS/ESA environment one or more of the programs NETSIR, NETFLIH or NETSVC was link edited to run with addressing mode 24. NETSIP terminates abnormally with a dump.
Action	Check the addressing mode of the programs and relink with AMODE 31.
NETS520	PROGRAM RESIDENCY MODE INCORRECT (NOT RMODE=24)
Explanation	MVS: In an MVS/XA or MVS/ESA environment one or more of the programs NETSIR, NETFLIH or NETSVC was linked to run with residency mode ANY. NETSIP terminates abnormally with a dump.
Action	Check the residency mode of the programs and relink with RMODE 24.

NETS521	PROGRAM NOT APF AUTHORIZED
Explanation	MVS: NETSIP was not loaded from an APF Authorized library, an unauthorized library was contained in the STEPLIB concatenation or NETSIP was not link edited with SETCODE AC(1).
	NETSIP terminates abnormally with a dump.
Action	Check the APF status of the load library and if necessary relink NETSIP SETCODE AC(1).
NETS522	OPERATING SYSTEM IS NOT A VIRTUAL MACHINE GUEST
Explanation	MVS: The MVS system NETSIP is executing on is not running under z/VM.
	NETSIP terminates abnormally with a dump.
Action	Chose another access method suited to physical environments such as VTAM or Channel-to-Channel.
NETS523	LOAD FAILURE FOR PROGRAM - pgmname
Explanation	MVS: The program 'pgmname' could not be loaded.
	NETSIP backs out any modifications to the system and terminates with a dump.
Action	Check the library definition for the program in the execution JCL.
NETS524	ACRONYM CHECK FAILURE FOR PROGRAM - pgmname
Explanation	MVS: NETSIP encountered an incorrect version the program 'pgmname' .
	NETSIP backs out any modifications to the system and terminates with a dump.
Action	Verify that the correct version of this program is in the load library.
NETS525	RECOVERY ENVIRONMENT CREATION FAILURE (ESTAE)
Explanation	MVS: NETSIP was unable to establish an error recovery routine.
	NETSIP backs out any modifications to the system and terminates with a dump.
Action	Contact local Entire Net-Work support personnel.
NETS526	CPIT SUBSYSTEM FOR CROSS PRODUCT INTERFACE TABLE
Explanation	MVS: The Cross Product Interface Table SSCVT already installed.
	NETSIP continues processing if the REPLACE parameter was specified, otherwise NETSIP backs out any modifications to the system and terminates with a dump.
Action	None required. This message is informational only. verify that NETSIP is to be rerun and specify the REPLACE parameter.

- NETS527** **CPIT SUBSYSTEM FOR CROSS PRODUCT INTERFACE INSTALLED**
- Explanation** MVS: The Cross Product Interface Table SSCVT has been successfully installed.
- NETSIP continues processing.
- Action** None required. This message is informational only.
-
- NETS528** **subs SUBSYSTEM INITIALIZATION FAILURE**
- Explanation** MVS: The subsystem 'subs' could not be added to the SSCVT chain.
- NETSIP backs out any modifications to the system and terminates with a dump.
- Action** Contact local Entire Net-Work support personnel.
-
- NETS529** **subs SUBSYSTEM HAS BEEN REMOVED**
- Explanation** MVS: The subsystem 'subs' was removed from the SSCVT chain during error recovery
- NETSIP continues with error recovery.
- Action** Correct the problem which caused the original error.
-
- NETS530** **SVCTABLE UPDATE FAILURE - SVC NUMBER XXX**
- Explanation** MVS: NETSIP could not modify the MVS SVCTABLE to suit the Entire Net-Work SVC.
- NETSIP backs out any modifications to the system and terminates with a dump.
- Action** Contact local Entire Net-Work support personnel.
-
- NETS531** **OPEN/BLDL FAILURE - DDNAME=libname**
- Explanation** MVS: NETSIP could not open or build a directory for the library libname.
- NETSIP backs out any modifications to the system and terminates with a dump.
- Action** Check the DDNAME in the JCL.
-
- NETS532** **GETMAIN FAILURE - S=sbp, L=length(D)**
- Explanation** MVS: NETSIP could not allocate required storage in the length of 'length' in the subpool 'sbp' .
- NETSIP backs out any modifications to the system and terminates with a dump.
- Action** Verify that the subpool has sufficient storage and that the REGION parameter is set high enough.

NETS533	FREEMAIN FAILURE - S=sbp, L=length(D), A=address(H)
Explanation	MVS: NETSIP could not free allocated storage at location 'address' in the length of 'length' in the subpool 'sbp' . NETSIP backs out any modifications to the system and terminates with a dump.
Action	Contact the local Entire Net-Work support personnel.
NETS534	Entire Net-Work 5 SUBSYSTEM HAS BEEN INSTALLED
Explanation	MVS: The Entire Net-Work SSCVT has been successfully installed. NETSIP continues processing.
Action	None required. This message is informational only.
NETS535	Entire Net-Work 5 SUBSYSTEM IS ALREADY INSTALLED
Explanation	MVS: An Entire Net-Work SSCVT was encountered and the REPLACE parameter was not specified. NETSIP backs out any modifications to the system and terminates with a dump.
Action	Check if the Entire Net-Work environment has been successfully installed and specify the REPLACE parameter if not.
NETS536	Entire Net-Work 5 SUBSYSTEM HAS BEEN REMOVED
Explanation	MVS: An Entire Net-Work SSCVT was removed from the SSCVT chain during error recovery. NETSIP continues with error recovery.
Action	Correct the problem which caused the original error.
NETS537	Entire Net-Work 5 SVC svcno HAS BEEN INSTALLED
Explanation	MVS: The Entire Net-Work SVC has been successfully installed as SVC number 'svcno' . NETSIP continues processing.
NETS538	Entire Net-Work 5 SVC HAS BEEN REMOVED FROM THE SYSTEM
Explanation	MVS: An Entire Net-Work SVC was removed from the system SVCTABLE during error recovery NETSIP continues with error recovery.
Action	Correct the problem which caused the original error.

NETS539	Entire Net-Work 5 SVC COULD NOT BE REMOVED FROM THE SYSTEM
Explanation	MVS: An Entire Net-Work SVC could not be removed from the system SVCTABLE during error recovery NETSIP continues with error recovery.
Action	Correct the problem which caused the original error and specify the REPLACE parameter.
NETS598	NETSIP - NETSIR INITIALIZATION FAILED
Explanation	MVS: NETSIP has encountered errors during execution. NETSIP terminates abnormally with a dump. Other error messages precede this message.
Action	Refer to the error message and correct the error.
NETS599	NETSIP - NORMAL TERMINATION
Explanation	MVS: The Entire Net-Work environment has been successfully initialized. NETSIP terminates normally.
Action	None required. This message is informational only.
NETS600	NETSIR (yyyy-mm-dd, SP=sp, ZAP=zap)
Explanation	MVS: The message indicates that NETSIR has started execution. The service pack and zap levels are displayed. NETSIP continues execution.
Action	None required. This message is informational only.
NETS601	NETW Entire Net-Work 5 INITIALIZATION PARAMETER NOT RECOGNIZED
Explanation	MVS: The parameter parsing process has encountered an invalid parameter name. NETSIR terminates abnormally.
Action	Correct the parameter value and rerun the job.
NETS602	NETW Entire Net-Work 5 INITIALIZATION PARAMETER(S) ERROR
Explanation	MVS: The parameter validation process has encountered an invalid parameter value. NETSIR terminates abnormally.
Action	Correct the parameter value and rerun the job.

NETS603	NETW ENTER Entire Net-Work COMMON AREA SUBPOOL (C=CSA OR S=SQA) ----- OR 'A' TO ABORT Entire Net-Work 5 INITIALIZATION
Explanation	MVS: The value specified for the CSTORE parameter is invalid. NETSIR prompts the operator to enter a correct value.
Action	Enter the correct value for the parameter or 'A' to terminate NETSIR processing.
NETS604	NETW LEAVE MESSAGE NETS650 OR NETS631 THRU NETS649 (N OR Y)
Explanation	MVS: The value specified for the LEAVE parameter is invalid. NETSIR prompts the operator to enter a correct value.
Action	Enter the correct value.
NETS605	NETW ENTER Entire Net-Work 5 INTERRUPT QUEUE SIZE NETW ENTER Entire Net-Work 5 INTERRUPT QUEUE SIZE (0-9999) OR 'A' TO ABORT Entire Net-Work 5 INITIALIZATION
Explanation	MVS: The value specified for the QSIZE parameter is invalid. NETSIR prompts the operator to enter a correct value.
Action	Enter the correct value for the parameter or 'A' to terminate NETSIR processing.
NETS606	NETW ENTER Entire Net-Work 5 SVC NUMBER (200-255) OR 'A' TO ABORT Entire Net-Work 5 INITIALIZATION TO ABORT Entire Net-Work 5 INITIALIZATION
Explanation	MVS: The value specified for the SVCNR parameter is invalid. NETSIR prompts the operator to enter a correct value.
Action	Enter the correct value for the parameter or 'A' to terminate NETSIR processing.
NETS607	NETW PROMPT OPERATOR TO UPDATE SVC TABLE ENTRY (N or P)
Explanation	MVS: The value specified for the SVCTAB parameter is invalid. NETSIR prompts the operator to enter a correct value.
Action	Enter the correct value.

NETS607 **NETW Entire Net-Work 5 SVC svc TABLE ENTRY AT svctaddr INVALID: IS value1 value2 SHOULD BE value3 value4**

Explanation MVS: The value 'P' was specified for the SVCTAB parameter and the entry for SVC 'svc' located at address 'svctaddr' contained the values 'value1' and 'value2'. The values 'value3' and 'value4' are required.

This message is followed by message [NETS608](#).

Action None required. This message is informational only.

NETS608 **NETW SHOULD SVC TABLE ENTRY BE CHANGED (Y) OR SHOULD Entire Net-Work 5 INITIALIZATION BE ABORTED (N)?**

Explanation MVS: The value 'P' was specified for the SVCTAB parameter and an invalid SVCTABLE entry was encountered.

NETSIR prompts the operator to enter a correct value. This message is preceded by message [NETS607](#).

Action Enter the correct value.

NETS609 **NETW SVC XXX TABLE ENTRY CHANGED WITHOUT PROMPTING OPERATOR**

Explanation MVS: The value 'N' was specified for the SVCTAB parameter and an invalid SVCTABLE entry was encountered.

NETSIR modifies the SVCTABLE and continues processing.

Action None required. This message is informational only.

NETS610 **NETW NON ZERO RETURN CODE FROM IUCV QUERY**

Explanation MVS: The program NETSIR has detected a non zero condition from the IUCV query for max. connections.

NETSIR backs out any modifications to the system and terminates abnormally.

Action Contact local Entire Net-Work support personnel.

NETS611 **NETW UNABLE TO ACQUIRE COMMON STORAGE VIA GETMAIN**

Explanation MVS: The program NETSIR was unable to acquire common storage in the page-fixed CSA or SQA for the necessary control blocks.

NETSIR backs out any modifications to the system and terminates abnormally.

Action Specify the other page-fixed storage area or increase the size of the fixed CSA or SQA and IPL the MVS system.

NETS612	NETW IUCV ERROR DURING CONNECT FUNCTION
Explanation	MVS: NETSIR detected a non zero return code from the dummy IUCV connect to determine MSGLIMIT. NETSIR backs out any modifications to the system and terminates abnormally.
Action	Contact local Entire Net-Work support personnel.
NETS613	NETW UNABLE TO ACQUIRE INTQ STORAGE VIA GETMAIN
Explanation	MVS: The program NETSIR was unable to acquire storage in the page-fixed CSA or SQA for either the Entire Net-Work 5 interrupt queue or the path table. NETSIR backs out any modifications to the system and terminates abnormally.
Action	Specify the other page-fixed storage area or increase the size of the fixed CSA or SQA and IPL the MVS.
NETS614	NETW ESTAE EXIT HAS BEEN ENTERED IN NETSIR
Explanation	MVS: The NETSIR abend handler has been entered while running this utility. NETSIR backs out any modifications to the system and terminates abnormally. If the SIRDUMP file is available a dump of the SDWA will be printed.
Action	Contact local Entire Net-Work support personnel.
NETS615	NETW NON ZERO RETURN CODE FROM SEVER
Explanation	MVS: NETSIR has detected a non zero return from the IUCV sever function. NETSIR backs out any modifications to the system and terminates abnormally.
Action	Contact local Entire Net-Work support personnel.
NETS616	NETW IUCV PRODUCT ENTRY NOT IN CPIT
Explanation	MVS: NETSIR has detected that the Cross Product Interface Table has been initialized but it could not find an IUCV product entry. NETSIR backs out any modifications to the system and terminates abnormally.
Action	Contact local Entire Net-Work support personnel.

NETS617	NETW DECLARE BUFFER ALREADY DONE
Explanation	MVS: NETSIR has detected that another program has previously done an IUCV declare buffer and NETSIR cannot find the necessary entries in the Cross Product Interface Table to obtain the address of the external buffer. NETSIR backs out any modifications to the system and terminates abnormally.
Action	Contact local Entire Net-Work support personnel.
NETS618	NETW NO FREE SLOTS IN CPIT
Explanation	MVS: The Cross Product Interface Table is full. NETSIR backs out any modifications to the system and terminates abnormally.
Action	Contact local Entire Net-Work support personnel.
NETS619	NETW CROSS PRODUCT SUBSYSTEM NOT DEFINED
Explanation	MVS: NETSIR has detected that the subsystem for the Cross Product Interface Table is not in the SSCVT chain. NETSIR backs out any modifications to the system and terminates abnormally.
Action	Execute NETSIP to define the CPIT subsystem or define the CPIT subsystem before the NETW subsystem.
NETS620	NETW CPIT LENGTH NOT SET IN SSCVT
Explanation	MVS: NETSIR has detected that the Cross Product Interface Table has been initialized but the length was not available in the SSCVT entry. NETSIR backs out any modifications to the system and terminates abnormally.
Action	Contact local Entire Net-Work support personnel.
NETS621	NETW CPIT INCORRECTLY INITIALIZED
Explanation	MVS: NETSIR has detected that the Cross Product Interface Table has been defined but the SSCVT entry is invalid. NETSIR backs out any modifications to the system and terminates abnormally.
Action	Contact local Entire Net-Work support personnel.

NETS622	NETW OPERATING SYSTEM NOT MVS
Explanation	MVS: An attempt was made to execute the MVS version of NETSIR in an environment other than MVS. NETSIR terminates abnormally.
Action	Execute the version of NETSIR which matches your system or upgrade your system to a supported level of MVS.
NETS623	NETW NO DD STATEMENT FOR SIRDUMP FOUND
Explanation	MVS: The SNAP parameter was specified but no DD statement for the file SIRDUMP was found. NETSIR terminates abnormally.
Action	Supply a DD statement for SIRDUMP in the JCL.
NETS624	NETW NETSIR PRB CANNOT FOUND
Explanation	MVS: The residency mode for NETSIR could not be ascertained because no program request block for NETSIR could be located. NETSIR terminates abnormally.
Action	Contact local Entire Net-Work support personnel.
NETS625	NETW NETSIR RMODE NOT 24
Explanation	MVS: In an MVS/XA or MVS/ESA environment NETSIR was link edited to run with residency mode ANY. NETSIR terminates abnormally.
Action	Check the residency mode of NETSIR and relink with RMODE 24.
NETS626	NETW NETSIR TERMINATED DUE TO OPERATOR REQUEST
Explanation	MVS: The operator requested NETSIR to abort when prompted to enter parameter input. NETSIR terminates abnormally.
Action	Check the reason for the operator input.

NETS627	NETW ACRONYM CHECK FAILURE FOR PROGRAM - NETSVC
Explanation	MVS: NETSIR encountered an incorrect version NETSVC. NETSIR backs out any modifications to the system and terminates abnormally.
Action	Verify that the correct version of NETSVC is in load library.
NETS628	NETW SVCUPDTE MACRO FAILURE
Explanation	MVS: NETSIR could not modify the MVS SVCTABLE to suit the Entire Net-Work SVC. NETSIR backs out any modifications to the system and terminates abnormally.
Action	Contact local Entire Net-Work support personnel.
NETS629	NETW MVS NOT RUNNING UNDER VM
Explanation	MVS: The MVS system NETSIR is not running under z/VM. NETSIR terminates abnormally.
Action	Chose another access method suited to physical environments such as VTAM or Channel-to-Channel.
NETS630	NETW EXTERNAL NEW PSW NOT REPLACED IN THE RESTART FLIH
Explanation	MVS: NETSIR could not install the IUCV support module in the MVS restart routine. NETSIR continues processing.
Action	Contact local Entire Net-Work support personnel. IUCV communication will be lost if a system restart is performed.
NETS640	NETW NO EXTERNAL INTERRUPT ROUTINE FOUND FOR REPLACE PARAMETER
Explanation	MVS: The REPLACE parameter was specified for the FLIH but the IUCV support module was not active. NETSIR backs out any modifications to the system and terminates abnormally.
Action	Execute NETSIR without the REPLACE parameter.

NETS641	NETW EXTERNAL INTERRUPT ROUTINE SUCCESSFULLY REPLACED
Explanation	MVS: The REPLACE parameter was specified for the FLIH. The IUCV support module was replaced. NETSIR continues processing.
Action	None required. This message is informational only.
NETS642	NETW SNAP PROCESSING COMPLETED
Explanation	MVS: The SNAP parameter was specified. The Entire Net-Work data areas have been put out to the SIRDUMP file. NETSIR continues processing.
Action	None required. This message is informational only.
NETS643	NETW THE EXTERNAL INTERRUPT ROUTINE WAS LINKED WITH RMODE=ANY
Explanation	MVS: In an MVS/XA or MVS/ESA environment NETFLIH was link edited to run with residency mode ANY. NETSIR backs out any modifications to the system and terminates abnormally.
Action	Check the residency mode of NETFLIH and relink with RMODE 24.
NETS644	NETW THE EXTERNAL INTERRUPT ROUTINE WAS LOADED INTO PROTECTED STORAGE
Explanation	MVS: In an MVS/XA or MVS/ESA environment the fixed LPA was page protected. NETSIR backs out any modifications to the system and terminates abnormally.
Action	Specify the NOPROT option in the fix list in IAESYSxx and IPL the MVS system.
NETS650	NETW Entire Net-Work COMMON AREA FOR VC XXX INITIALIZED
Explanation	MVS: The Entire Net-Work environment has been successfully initialized. NETSIR terminates normally.
Action	None required. This message is informational only.

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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.
NETT020	NO TRANSLATION ENTRIES EXIST
Explanation	The operator command TRANSLAT DISPLAY LIST was issued to display the currently active translation entries. This message informs the operator that no translation entries currently exist.
Action	No action is required. This message is informational only.
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.
NETT022	UNKNOWN TRANSLATION COMMAND, IGNORED
Explanation	An invalid TRANSLAT operator command was entered.
Action	Re-enter the correct command, i.e., TRANSLAT DEFINE, TRANSLAT DELETE, or TRANSLAT DISPLAY. See the section <i>Translation Definition Statement Types</i> in the <i>Entire Net-Work Administration Guide</i> .
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 xxxxxxx
Explanation	An error occurred while trying to close file xxxxxxx (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: <pre>FIND=logging title,OFFSET=nnn,VALUE=characters FIND=logging title,OFFSET=nnn,VALUE=X'hex values'</pre>
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

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NETV* - VTAM Line Driver Messages

NETV001E	Entire Net-Work VTAM DRIVER ERROR
Explanation	An undocumented error has occurred. Normal operations continue.
Action	Contact your Software AG technical support representative.
NETV002E	ERROR IN xxxxxx FOR xxxxxx - R0=00000000; RF=00000000
Explanation	An error has occurred during VTAM control block generation. R0 and RF are the values returned by VTAM. The VTAM driver OPEN command fails.
Action	Refer to the IBM VTAM documentation for a description of the error indicated by the values in R0/RF. Correct the problem and restart Entire Net-Work.
NETV003E	ACB OPEN ERROR x 'cc' =>text
Explanation	An error occurred while attempting to open the ACB. The hexadecimal value 'cc' is the ACBERFLG value; the text describes the error. The VTAM driver OPEN command fails.
Action	Refer to the IBM VTAM documentation for a description of the error indicated by ACBERFLG. Correct the problem and restart Entire Net-Work.

- NETV004E** **VTAM FUNCTION VECTOR LISTS NOT LOCATED**
Explanation The function vector, which describes VTAM characteristics, could not be located.

 Normal processing continues.
Action None.
- NETV005I** **31 BIT ADDRESSING NOT SUPPORTED BY VTAM RELEASE**
Explanation The version of VTAM installed on this system does not support 31-bit applications.

 The Entire Net-Work VTAM line driver will execute in AMODE=24.
Action Relink ADARUN with AMODE=24, or upgrade VTAM.
- NETV006I** **AUTHORIZED PATH NOT SUPPORTED BY VTAM RELEASE**
Explanation The version of VTAM installed on this system does not support Authorized Path.

 Authorized Path is disabled, and processing continues.
Action None.
- NETV007I** **Entire Net-Work NOT APF AUTHORIZED. AUTHPATH DISABLED.**
Explanation MVS - One or more of the libraries in the STEPLIB for Entire Net-Work is not authorized.

 GCS - The virtual machine is not defined as authorized.

 Authorized Path is disabled, and processing continues.
Action MVS - Authorize all STEPLIB libraries.

 GCS - Define the virtual machine as authorized.
- NETV008E** **SETLOGON START FOR APPLID = aaaaaaaa HAS FAILED - RC=xx, FB2=xx**
Explanation The SETLOGON START macro failed. RC and FB2 indicate the error.

 No new connections can be accepted.
Action Refer to the IBM VTAM documentation for a description of the error as indicated by the values in RC/FB2. Correct the problem and restart Entire Net-Work.

NETV009I	SETLOGON START FOR APPLID = aaaaaaa HAS COMPLETED
Explanation	The SETLOGON START macro completed successfully. New connections can be accepted now.
Action	None.
NETV010I	Entire Net-Work MODULE mmmmmmmm LOADED AT aaaaaaa
Explanation	The module mmmmmmmm has been successfully loaded, and resides at address aaaaaaa. Normal processing continues.
Action	None.
NETV011E	MODULE mmmmmmmm COULD NOT BE LOADED
Explanation	The module mmmmmmmm could not be loaded from the STEPLIB libraries. The module is not used, and processing continues.
Action	Make sure the module is in one of the STEPLIB libraries.
NETV012I	CONNECTION INITIATION TO LINK=lllllll NOT SUPPORTED BY REMOTE NODE
Explanation	The system type for link lllllll indicates that the remote node does not support connections from this local node. All connections must be initiated from the remote node. The connection fails, but processing continues.
Action	Specify ACQ=No in the LINK statement.
NETV013I	LINK lllllll CONNECT FAILED - LOG MODE TABLE DOES NOT CONTAIN SNASVCMG ENTRY
Explanation	The MODEENT= parameter for link lllllll specifies LUTYPE=6.3 and parallel sessions, but the log mode table specified in the LOGMODE= parameter does not contain an SNASVCMG entry. The connection fails.
Action	Add an SNASVCMG entry to the log mode table and reassemble it.

NETV014I	MAXRU SET TO MAXIMUM (491,520)
Explanation	The MAXRU= parameter or the MAXBLK= parameter specifies a value larger than the maximum allowed. The value is reduced to the maximum. Normal processing continues.
Action	None.
NETV015I	MAXRU SET TO MINIMUM (128)
Explanation	The MAXRU= parameter or the MAXBLK= parameter specifies a value smaller than the minimum allowed. The value is increased to the minimum. Normal processing continues.
Action	None.
NETV016E	STORAGE ALLOCATION REQUEST (xxxxxxx BYTES) FAILS
Explanation	An attempt to allocate xxxxxxx bytes of storage from the buffer pool or the private storage area has failed due to insufficient storage. If the storage request is on behalf of a specific link, that link is disconnected. Otherwise, the Entire Net-Work VTAM line driver is closed.
Action	Increase the size of the buffer pool or the amount of private storage allocated to Entire Net-Work.
NETV017I	LU=lllllll CID=ccccccc CINIT RECEIVED
Explanation	VTAM has delivered a CINIT for LU=lllllll; ccccccc is the unique session identifier. The connection is accepted if this LU matches a LINK statement LUNAME= or ASSOCLU= parameter, or if ACCEPTUI=YES was specified in the DRIVER statement. Otherwise, the connection is rejected. If the connection is accepted for an LU without a link, all control blocks are dynamically allocated.
Action	None.
NETV018I	LU=lllllll CID=ccccccc BIND RECEIVED
Explanation	VTAM has delivered a Bind for LU=lllllll; ccccccc is the unique session identifier. The connection is accepted. If this LU matches a LINK statement's LUNAME= or ASSOCLU= parameter, or if ACCEPTUI=YES was specified in the DRIVER statement. Otherwise, the connection is rejected. If the connection is accepted for an LU without a link, all control blocks are dynamically allocated.
Action	None.

NETV019E	LU=lllllll CID=ccccccc INBOUND CONNECTION REJECTED (BY USER EXIT)
Explanation	VTAM delivered a CINIT or Bind for LU=lllllll; ccccccc is the unique session identifier. The LU does not match any LUNAME= or ASSOCLU= parameter on any LINK statement, and ACCEPTUI=NO. The driver user exit indicated that the connection should be rejected.
	The connection is rejected.
Action	If a connection is desired, either code a LINK statement for this LU, or code ACCEPTUI=YES, or change the user exit.
NETV020I	LU=lllllll CID=ccccccc UNBIND RECEIVED, CODE=xx
Explanation	VTAM has delivered an Unbind for the LU=lllllll; ccccccc is the unique session identifier; xx is the unbind code.
	The session between NETVTAM and this LU that has the unique session identifier ccccccc is terminated.
Action	None.
NETV021E	LU=lllllll CID=ccccccc RQ=rrrrrrr RC=xx
Explanation	The VTAM request rrrrrrr for LU=lllllll on the session with the unique session identifier ccccccc has failed.
	All sessions between NETVTAM and this LU are terminated, and the connection is closed.
Action	Refer to the IBM VTAM documentation for a description of the error indicated by the values in RC/FB2 and the sense data sssssss.
NETV022E	LU=(UNKNWN) CID=(UNKNWN) LOSTERM CODE=xx
Explanation	The session between NETVTAM and LU=lllllll that has the unique session identifier ccccccc is being terminated.
	All sessions between NETVTAM and this LU are terminated, and the connection is terminated.
Action	Refer to the IBM VTAM documentation for a description of the Losterm code=xx.
NETV023E	LU=lllllll CID=ccccccc, FMH7 RECEIVED SENSE=sssssss
Explanation	VTAM has delivered an FMH7 RU with sense data=sssssss for the LU=lllllll session with the unique identifier=ccccccc.
	All sessions between NETVTAM and this LU are terminated, and the connection is terminated.
Action	Refer to the IBM VTAM documentation for a description of sense data=sssssss.

NETV024E	LU=lllllll CID=ccccccc NSEXIT; REASON=rr
Explanation	VTAM has delivered a Cleanup RU with Reason Code rr for the LU=lllllll session with the unique identifier ccccccc.
	All sessions between NETVTAM and this LU are terminated and the connection is terminated.
Action	Refer to the IBM VTAM documentation for a description of the Cleanup Reason Code=rr.
NETV025E	MODEL LINK=lllllll CANNOT BE CONNECTED
Explanation	Connection initiation for link lllllll has failed because the link is considered a model link. By definition, a model link has an invalid LUNAME / APPLID.
	Connection initiation fails, and normal processing continues.
Action	Code ACQ=NO in the LINK statement.
NETV026E	LINK COULD NOT BE LOCATED FOR OPERATOR COMMAND
Explanation	An operator command specified an unknown link name.
	Normal processing continues.
Action	Reissue the operator command with a valid link name.
NETV027I	OPERATOR COMMAND COMPLETED: ccccccccccccccccccccccccccccccccc
Explanation	The operator command ccccccc... has completed successfully.
	Normal processing continues.
Action	None.
NETV028I	OPERATOR COMMAND REJECTED: ccccccccccccccccccccccccccccccccc
Explanation	The operator command ccccccc... was rejected for one of the following reasons:
	<ul style="list-style-type: none"> ■ The link name specified was not found. ■ The command is not valid. ■ The required operands were not entered (ALTER command). ■ The driver is not in the proper state.
	Normal processing continues.
Action	Correct the operator command and reissue the command.

NETV029I	NETVTAM AVAILABLE OPERATOR COMMANDS
Explanation	This is the first of a group of messages generated in response to the HELP operator command. All valid operator commands are listed on the console. For more information, see the section <i>Entire Net-Work Operator Commands</i> in the <i>Entire Net-Work Reference Guide</i> .
Action	None.
NETV030E	KEYWORD/VALUE ERROR =>
Explanation	An ALTER operator command was entered with an invalid keyword or an invalid value. Some DRIVER statement and LINK statement parameters can be altered only when the driver or link is closed. All parameters following the invalid keyword or value are ignored.
Action	Either correct the keyword or value, or close the driver or link. Then reissue the command.
NETV031I	+-----+
Explanation	This is the first of a group of messages generated in response to the SHOW or STATS operator command. This message is written to the console.
Action	None.
NETV032I	IIIIIISTATE(xxxxxxxxxxxx)MSGs SENT(xxxxxxx)RCVD(xxxxxxx)
Explanation	One of a group of messages generated in response to the SHOW or STATS operator command. It shows the driver or link name, its state, and the number of messages sent/received. This message is written to the console.
Action	None.
NETV033I	BYTESSENT(xxxxxxx.xxxu) BYTESRCVD(xxxxxxx.xxxu)
Explanation	One of a group of messages generated in response to the SHOW or STATS operator command. It shows the total number of bytes sent and received. This message is written to the console.
Action	None.

NETV034I	RPLS: xxxxx RCVS COMP.:xxxxxxxxx OVERRUNS xxxxx (00%)
Explanation	One of a group of messages generated in response to the SHOW or STATS operator command. It shows the number of receive RPLs, the total number of receives that have completed, and the number and percentage of receive overruns. An overrun occurs when all receive RPLs are inactive at the same time. A high percentage of overruns may indicate a need to increase the number of receive RPLs in use. This message is written to the console.
Action	None.
NETV035E	ENCRYPTION NOT SUPPORTED BY VTAM RELEASE, LINK=IIIIIII
Explanation	The LINK statement for link IIIIIII specifies encryption, but the version of VTAM installed on this system does not support it. Link initialization fails.
Action	Specify CRYPT=NO in the LINK statement. Restart Entire Net-Work.
NETV036E	LINK xxxxxxxx CONNECTION REJECTED, PARTNER RETURNED INVALID RU SIZE
Explanation	The partner on link xxxxxxxx returned a positive response to a bind sent from NETVTAM. However, the RU size parameter, which determines the maximum RU size that VTAM can deliver to NETVTAM, was increased above the maximum that NETVTAM can accept. The inbound connection request is rejected.
Action	Either increase the value of the MAXRU= parameter in the DRIVER statement to allow NETVTAM to accept a larger RU size, or decrease the value of the RU parameter in the partner's communications software.
NETV037E	LINK xxxxxxxx SNASVCMG BIND RECEIVED FROM DEPENDENT LU
Explanation	The logon exit was driven with a bind image named SNASVCMG, which is reserved for independent LUs and should never be received by the logon exit. The bind image was received for link xxxxxxxx. The inbound connection request is rejected.
Action	Define a logmode entry other than SNASVCMG in the partner's communications software. For an OS/2 partner, this problem is caused by the parameter PARALLEL_SESSION_SUPPORT(YES) which is specified on the DEFINE_PARTNER_LU statement in the NDF file. Change this value to PARALLEL_SESSION_SUPPORT(NO).

NETV038E	LINK xxxxxxxx USER EXIT DETECTED ON PARTNER SYSTEM
Explanation	A message from a partner was received by link xxxxxxxx. A flag in the message indicates that it was processed by a user exit before it was sent. Link xxxxxxxx does not have a user exit and therefore cannot process the message. The message is discarded and the link is disconnected.
Action	Either remove the user exit on the partner's side or code EXIT=exitname in the LINK statement on the local side.
NETV039I	LINK ccccccc DISCONNECTED, SEND TIMEOUT EXCEEDED
Explanation	A message was sent to link ccccccc, but VTAM shows that the message was not received by the link. After the SNDTMOU value is exceeded, the link is disconnected.
Action	Verify the link s status.
NETV040I	Entire Net-Work VTAM CLOSE COMPLETE APPL=aaaaaaaa
Explanation	The VTAM ACB has been closed for APPLID=aaaaaaaa. The VTAM line driver is closed.
Action	None.
NETV041I	RECVRPLS RESET TO nnnn, STORAGE REQUEST FAILED
Explanation	An operator command specified a new value for RECVRPLS, and the storage needed to support the new value could not be obtained. RECVRPLS is reset to its previous value.
Action	Specify a lower value for RECVRPLS, i.e., a value for which there is sufficient available storage.
NETV042I	+ Link: llll Partner: ppppppppp Lu Name(s): nnnnnnnn, aaaaaaaaa +
Explanation	This message is generated in response to the VTAM link STATS operator command; llll is the link name, ppppppppp is either blanks or the node name, nnnnnnnn is the APPLID name or the LU Name, and aaaaaaaaa is the Associate LU Name.
Action	None

NETV043I	+ Status : sssssss Period hh:mm:ss (10.015 Secs) +
Explanation	This message is generated in response to the VTAM link STATS operator command; ssssssss is the link's current status (see message NET0117 for possible status), hh:mm:ss is time in hours, minutes, and seconds since the last request to display statistics.
Action	None
NETV044I	+ ## CID LU Type Bytes Messages I/O's +
Explanation	This message is generated in response to the VTAM link STATS operator command.
Action	None
NETV045I	+ 01 ccccccc lllllll iii n.nnnK mmmmmmm ooooooo
Explanation	This message is generated in response to the VTAM link STATS operator command; ccccccc is the LU CID, lllllll is the LU name, iii Inb (Inbound) Outb (Outbound), nnnnnnn is the number of bytes since last status reset, mmmmmmm is the total number of messages either sent or rcv on this LU since last status reset, and ooooooo is the number of I/Os.
Action	None
NETV046I	+ 00 Per Second ==> n.nnnn K 0 0+
Explanation	This message is generated in response to the VTAM link STATS operator command; nnnnnnnn is the number of Kbytes per second.
Action	None

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NETX* - XCF OptionMessages

NETX001I	{fxname} FUNCTION => RC = {rc}, RS = {rs}
Explanation	The XCF function <i>fxname</i> has completed with a return code (<i>rc</i>) and a reason code (<i>rs</i>) given in the message. Normal processing continues.
Action	None required. This message is informational only.
NETX006I	MEMBER {member-name} HAS JOINED THE {group-name} GROUP
Explanation	The group exit has detected that member <i>member-name</i> has joined the group <i>group-name</i> . Communication with the member has started.
Action	None required. This message is informational only.
NETX007I	MEMBER {member-name} HAS LEFT THE {group-name} GROUP
Explanation	The group exit has detected that member <i>member-name</i> has left the group <i>group-name</i> . Communication with the member has ended.
Action	None required. This message is informational only.
NETX008I	COMMUNICATION WITH UNDEFINED MEMBER {member-name} DISALLOWED
Explanation	Member <i>member-name</i> has joined this node's group. However, the member was not defined and ACCEPTUI=N was specified (by default) on the DRIVER statement. Communication with this partner will not be allowed.
Action	None required. This message is informational only.

NETX026E	LINK COULD NOT BE LOCATED FOR OPERATOR COMMAND
Explanation	An operator command specified an unknown link name. Normal processing continues.
Action	Reissue the operator command with a valid link name.
NETX027I	OPERATOR COMMAND COMPLETED: {cccccccccccccccccccccccccccc}
Explanation	The operator command shown in the message has completed successfully. Normal processing continues.
Action	None required. This message is informational only.
NETX028I	OPERATOR COMMAND REJECTED: {cccccccccccccccccccccccccccc}
Explanation	The operator command shown in the message was rejected for one of the following reasons: <ul style="list-style-type: none"> ■ The link name specified was not found. ■ The command is not valid. ■ The required operands were not entered (ALTER command). ■ The driver is not in the proper state. Normal processing continues.
Action	Correct the operator command and reissue the command.
NETX029I	NETXCF AVAILABLE OPERATOR COMMANDS
Explanation	This is the first of a group of messages generated in response to the HELP operator command. All valid operator commands are listed on the console.
Action	None required. This message is informational only.
NETX030E	KEYWORD/VALUE ERROR => {eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee}
Explanation	An ALTER operator command was entered with an invalid keyword or an invalid value. Some DRIVER statement and LINK statement parameters can be altered only when the driver or link is closed. All parameters following the invalid keyword or value are ignored.
Action	Either correct the keyword or value, or close the driver or link. Then reissue the command.

NETX031I	+-----+
Explanation	This message is the first of a group of messages generated in response to the SHOW or STATS operator commands. For more information, see the section <i>Entire Net-Work Operator Commands</i> in <i>Entire Net-Work Reference</i> .
	This message is written to the console and DDPRINT.
Action	None required. This message is informational only.
NETX032I	+ {IIIIIII} STATE({xxxxxxxxxxxx}) MSGS SENT({xxxxxxxx}) RCVD({xxxxxxxx}) +
Explanation	One of a group of messages generated in response to the SHOW or STATS operator commands. It shows the driver or link name, its state, and the number of messages sent/received. For more information, see the section <i>Entire Net-Work Operator Commands</i> in <i>Entire Net-Work Reference</i> .
	This message is written to the console and DDPRINT.
Action	None required. This message is informational only.
NETX033I	+ BYTES SENT({xxxxxxx.xxxu}) BYTES RCVD({xxxxxxx.xxxu}) +
Explanation	One of a group of messages generated in response to the SHOW or STATS operator commands. It shows the total number of bytes sent/received. For more information, see the section <i>Entire Net-Work Operator Commands</i> in <i>Entire Net-Work Reference</i> .
	This message is written to the console and DDPRINT.
Action	None required. This message is informational only.
NETX040I	NETWORK XCF CLOSE COMPLETE, GROUP={gggggggg}, MEMBER={mmmmmmmmmmmmmmmmmm}
Explanation	The XCF line driver has closed successfully.
	Normal processing continues.
Action	None required. This message is informational only.
NETX100I	DRIVBLK @{aaaaaaa} NWXCFDRV @ {aaaaaaa}
Explanation	The XCF driver has initialized successfully. The message provides the address of the XCF driver block and the address of the driver itself.
Action	None
Module	NWXCFDRV
Routine	DINIT

NETX104E	FAILED TO GET BUFFER FOR LINKBLK
Explanation	An attempt to get a buffer for a LINKBLK from the buffer pool failed. This message indicates a 'short on storage' problem
Action	Look for other messages that might indicate the cause of the storage shortage.
Module	NWXCFDRV
Routine	GEXIT
NETX108W	UNKNOWN MEMBER {mmmmmmmm} with ACCEPTUI=N
Explanation	The identified member has joined the XCF group used for this Entire Net-Work node. The member does not have a LINK statement defined, and unsolicited connections are not allowed.
Action	Add an XCF LINK statement to your parameters for the member or set ACCEPTUI=Y.
Module	NWXCFDRV
Routine	GEXIT
NETX113E	IXCCALL FAILED RC={xxxx} RS={nnnn}
Explanation	An XCF IXCJOIN or IXCQUERY call failed with the identified return code and reason code. This may be caused by invalid parameters defined to Entire Net-Work or system parameters (policy) defined for your SYSPLEX.
Action	Look up the return code and reason code in the IBM messages and codes documentation to determine if this is a configuration problem and, if so, take the necessary corrective action. If this is not a configuration problem, obtain the JOBLOG and NETPRNT or DDPRNT file, then report the problem to your Software AG technical support representative.
Module	NWXCFDRV
Routine	OPEND
NETX114E	IXCLEAVE FAILED RC={xxxx} RS={nnnn}
Explanation	An XDF IXCLEAVE call failed with the identified return code and reason code.
Action	Look up the return code and reason code in the IBM messages and codes documentation to determine if this is a configuration problem and, if so, take the necessary corrective action. If this is not a configuration problem, obtain the JOBLOG and NETPRNT or DDPRNT file, then report the problem to your Software AG technical support representative.
Module	NWXCFDRV
Routine	CLOSD

NETX115W	NODE {nnnnnnnn} IS NOT COMPATIBLE
Explanation	The identified node has joined the XCF group in use by this Entire Net-Work node, but the node is using an older version of the XCF driver that is not compatible with the current version. Entire Net-Work 5.8 introduced a new XCF driver that can only connect with other Entire Net-Work version 5.8 or later nodes. Entire Net-Work will continue to run, but no link is established with the incompatible node.
Action	Specify a different GROUP value on the driver parameter for this Entire Net-Work node.
Module	NWXCFDRV
Routine	OPEND
NETX119W	NODE {nnnnnnnn} IS NOT COMPATIBLE
Explanation	The identified node, which has joined the XCF group in use by this Entire Net-Work, is using an older version of the XCF driver that is not compatible with the current version. Entire Net-Work 5.8 introduced a new XCF driver that can only connect with other Entire Net-Work 5.8 or later nodes. Entire Net-Work continues to run, but no link is established with the incompatible node.
Action	Specify a different GROUP value on the driver parameter for this Entire Net-Work node.
Module	NWXCFDRV
Routine	GEXIT
NETX124E	IXCMMSGO FAILED RC={xxxx} RS={nnnn}
Explanation	An XCF IXCMMSGO call to send data to another member failed with the identified return code and reason code.
Action	Look up the return code and reason codes in the IBM messages and codes book to determine if this is a configuration problem. Obtain the JOBLOG and NETPRNT or DDPRNT file, then report this problem to your Software AG technical support representative.
Module	NWXCFDRV
Routine	SENDM
NETX125E	IXCMMSGO FAILED RC=xxxx RS=nnnn FOR CONNECT
Explanation	An XCF IXCMMSGO call to send a connection request to another member failed with the identified return code and reason code.
Action	Look up the return code and reason codes in the IBM messages and codes book to determine if this is a configuration problem and, if so, take the necessary corrective action. If this is not a configuration problem, obtain the JOBLOG and NETPRNT or DDPRNT file, then report the problem to your Software AG technical support representative.
Module	NWXCFDRV

Routine CONNL

NETX126E IXCMSGO FAILED RC=0000 RS=0000 FOR DISCONNECT

Explanation An XCF IXCMSGO call to send a disconnection request to another member failed with the identified return code and reason code.

Action Look up the return code and reason codes in the IBM messages and codes book to determine if this is a configuration problem and, if so, take the necessary corrective action. If this is not a configuration problem, obtain the JOBLOG and NETPRNT or DDPRNT file, then report the problem to your Software AG technical support representative.

Module NWXCFDRV

Routine DISCL

NETX127W UNKNOWN NEXIT REQUEST

Explanation The XCF Notify exit was called with an unknown request. Entire Net-Work ignores the request and continues to run.

Action Obtain the JOBLOG and NETPRNT or DDPRNT file, then contact your Software AG technical support representative.

Module NWXCFDRV

Routine NEXIT

NETX130E UNABLE TO GET STORAGE FOR MESSAGE

Explanation Both a call to the buffer pool and a direct storage request failed. This is most likely caused by an out of storage condition. The system will ignore the message and disconnect the link.

Action Increase the amount of virtual storage available to the Entire Net-Work address space.

Module NWXCFDRV

Routine MEXIT

NETX131E MESSAGE FROM UNKNOWN VERSION OF NET-WORK

Explanation A message received from a member of the XCF group in use by this Entire Net-Work is from a node using an older version of the XCF driver that is not compatible with the current version. Entire Net-Work 5.8 introduced a new XCF driver that can only connect with other Entire Net-Work 5.8 or later nodes. Entire Net-Work ignores the message and continues to run.

Action Specify a different GROUP value on the driver parameter for this Entire Net-Work. Obtain the JOBLOG and NETPRNT or DDPRNT file, then contact your Software AG technical support representative.

Module NWXCFDRV

Routine MEXIT

NETX132E	BUFFER TABLE OVERFLOW
Explanation	The buffer table in the XCF driver has filled up. All of the entries in the table are currently allocated. These reusable table entries are used to temporarily save the address of an input buffer. This condition should not occur and indicates a logic problem or a severe performance problem.
Action	Contact your Software AG technical support representative.
Module	NWXCFDRV
Routine	MEXIT
NETX133E	UNABLE TO GET IDD
Explanation	An attempt to get an IDD control block failed. The request will be retried at a later time. This may be a temporary resource shortage or an out-of-storage condition.
Action	Increase the amount of virtual storage available to the Entire Net-Work address space. Contact your Software AG technical support representative if the problem persists.
Module	NWXCFDRV
Routine	DRIVE
NETX140E	INVALID COMMAND SYNTAX ENTERED
Explanation	An operator command was entered with a syntax error.
Action	Either correct the keyword or value, or close the driver or link. Then reissue the command. For the correct syntax, see the section <i>XCF Operator Commands</i> in <i>Entire Net-Work XCF Option Administration</i> .
Module	NWXCFDRV
Routine	OPCMD
NETX141E	UNKNOWN COMMAND ENTERED - xxxxxxxx
Explanation	The identified command was entered and is unknown.
Action	Use the HELP command or refer to the section <i>XCF Operator Commands</i> in <i>Entire Net-Work XCF Option Administration</i> .
Module	NWXCFDRV
Routine	OPCMD
NETX142I	XCF COMMAND EXECUTED
Explanation	This message informs you that the command entered was executed.
Action	None
Module	NWXCFDRV
Routine	OPCMD

NETX150I	LINK xxxxxxxx SENT RECEIVED
Explanation	This message is displayed in response to the STATS command for the identified link. It displays a header for Sent and Received statistical information that will follow in message NETX151I .
Action	None
Module	NWXCFDRV
Routine	CLKSTAT
NETX151I	{ccccccccc n,nnn,nnn,nnn,nnn n,nnn,nnn,nnn,nnn }
Explanation	This message displays statistical information for the link displayed in message NETX150I . The size of the data is followed by the number of messages sent and the number of messages received. The displayed size is SMALL for messages that are smaller than the size specified by the driver parameter SMALLMSG. The displayed size is MEDIUM for messages larger than SMALLMSG and smaller than LARGEMSG. The displayed size is LARGE for messages that are larger than the size specified by the driver parameter LARGEMSG. The total of all message sizes is displayed as TOTAL message sizes. This information may be helpful in tuning the XCF group policy parameters.
Action	None
Module	NWXCFDRV
Routine	CLKSTAT
NETX152I	LINK xxxxxxxx STATISTICS RESET
Explanation	The statistics for link xxxxxxxx have been reset to zero.
Action	None
Module	NWXCFDRV
Routine	CLKRESET
NETX159I	VALID LINK COMMANDS
Explanation	This message is in response to a link HELP command.
Action	See following messages for command help information.
Module	NWXCFDRV
Routine	CLKHELP

NETX160I	NO STATISTICS ARE RECORDED FOR DRIVER
Explanation	A command to display or reset statistics for the XCF driver was attempted. There are no statistics recorded at the driver level to be displayed or reset. The command is accepted to prevent problems with automated command systems.
Action	None
Module	NWXCFDRV
Routine	CDVSTAT, CDVRESET
NETX169I	VALID DRIVER COMMANDS
Explanation	This message is in response to a driver HELP command.
Action	See following messages for command help information.
Module	NWXCFDRV
Routine	CDVHELP
NETX170I	RESET - RESETS STATISTIC VALUES TO ZERO
Explanation	This message is in response to a HELP command. It describes the RESET command.
Action	None
Module	NWXCFDRV
Routine	CDVHELP, CLKHELP
NETX171I	SHOW - SHOWS CONFIGURATION INFORMATION
Explanation	This message is in response to a HELP command. It describes the SHOW command.
Action	None
Module	NWXCFDRV
Routine	CDVHELP, CLKHELP
NETX172I	STATS - SHOWS CURRENT STATISTICS
Explanation	This message is in response to a HELP command. It describes the STATS command.
Action	None
Module	NWXCFDRV
Routine	CDVHELP, CLKHELP

NETX173I	SNAP - PRINTS DUMP OF STORAGE AREAS
Explanation	This message is in response to a HELP command. It describes the SNAP command.
Action	None
Module	NWXCFCDRV
Routine	CDVHELP, CLKHELP
NETX174I	TRACE - PRINTS FORMATTED TRACE TABLE
Explanation	This message is in response to a HELP command. It describes the TRACE command.
Action	None
Module	NWXCFCDRV
Routine	CDVHELP, CLKHELP
NETX175I	HELP - DISPLAYS COMMAND HELP
Explanation	This message is in response to a HELP command. It describes the HELP command.
Action	None
Module	NWXCFCDRV
Routine	CDVHELP, CLKHELP
NETX176I	ALTER - USED TO ALTER PARAMETERS
Explanation	This message is in response to a HELP command. It describes the ALTER command.
Action	None
Module	NWXCFCDRV
Routine	CDVHELP, CLKHELP
NETX180I	XCF GROUP={ccccccc} TOKEN={xxxxxxxxxxxxxxxx}
Explanation	This message is a response to the driver SHOW command. It displays the group and the XCF member token associated for this group member.
Action	None
Module	NWXCFCDRV
Routine	CDVSHOW

NETX181I	ACCEPTUI=Y, TRACESIZ={nnnk}
Explanation	This message is a response to the driver SHOW command. It displays whether unsolicited connections are allowed (Y or N) and the size of the trace table.
Action	None
Module	NWXCFDRV
Routine	CDVSHOW
NETX182I	SMALLMSG={nnnk}, LARGMSG={nnnk}
Explanation	This message is a response to the driver SHOW command. It displays the values for messages considered to be small and large. These values are used for statistics kept by the links for messages sent and received.
Action	None
Module	NWXCFDRV
Routine	CDVSHOW
NETX184I	XCF LINK={ccccccc} TOKEN={xxxxxxxxxxxxxxxx}
Explanation	This message is a response to the link SHOW command. It displays the name of the link and the XCF member token associated for this group member.
Action	None
Module	NWXCFDRV
Routine	CLKSHOW
NETX185I	PSTAT=N, RSTAT=Y, STATINT={nnnnn}
Explanation	This message is a response to the driver or link SHOW command. It displays whether statistics should be printed (Y or N) and reset (Y or N) at the identified intervals, in seconds.
Action	None
Module	NWXCFDRV
Routine	CDVSHOW, CLKSHOW
NETX186I	WEIGHT=nnn, SAF=N
Explanation	This message is a response to the link SHOW command. It displays the relative weight assigned to this link and whether the SAF interface will be called for this link.
Action	None
Module	NWXCFDRV
Routine	CDVSHOW, CLKSHOW

NETX187I **EXHS=Y, RCVBFNUM=04096**

Explanation This message is a response to the driver SHOW command. It displays the values of the EXHS and RCVBFNUM parameters.

Action None

Module NWXCFDRV

Routine CDVSHOW

26 XTS* - Software AG Internal Transport Subsystem

Messages

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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 XTS.MSG file. This file contains text for the error messages; there is an internal table also, so XTS.MSG is not mandatory.
XTS0004W	XTS Client already registered
Explanation	Multiple XtsBindClient calls occurred for the same client. Only the first call is considered.

XTS0005W	XTS More data
Explanation	The receive buffer defined by a transport subsystem send and wait call is not big enough to get all data received by the transport subsystem. A subsequent call has to be made to receive all data.
XTS0006W	XTS No SSL random file warning
Explanation	There is no random file defined for a transport subsystem/Secure Sockets Layer (SSL) application; a random file usage by SSL is highly recommended.
XTS0007W	XTS Notify connect
Explanation	This is a receive callback notification for an incoming connection.
XTS0008W	XTS Notify disconnect
Explanation	This is a receive callback notification for a disconnection.
XTS0009W	XTS Notify broadcast
Explanation	This is a receive callback notification for a broadcast attempt.
XTS0010W	XTS Notify unsupported
Explanation	This is a receive callback notification when protocols set by XTSlisten are not supported.
XTS0011W	XTS Notify message reference dead
Explanation	This is a receive callback notification indicating the active message references are deleted when a client disconnects.
XTS0012W	XTS Notify outbound connect
Explanation	This is a receive callback notification for an outbound connection.
XTS0013W	XTS Notify listen failure
Explanation	This is a notification to the callback routine submitted by XtsRegisterByTargetName or XtsRegisterByTargetId indicating a failure of an XTSlisten URL.

XTS0014W **XTS Notify connect failure**
Explanation This is a notification to the callback routine submitted by `XtsRegisterByTargetName` or `XtsRegisterByTargetId` indicating a failure of an XTSconnect URL.

XTS0015W **XTS Notify end broadcast**
Explanation This is a notification to the callback routine submitted by `XtsRegisterByTargetName` or `XtsRegisterByTargetId` indicating an end broadcast message was received from another node.

Errors

XTS0050E **XTS Semaphore Error**
Explanation A failure to create a semaphore occurred. Contact Software AG customer support.

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

XTS0052E **XTS Server already registered**
Explanation The transport subsystem server is already registered.

XTS0053E **XTS Incorrect URL**
Explanation A URL with a syntax error was encountered. Check the Directory Server repositories.

XTS0054E **XTS Failure Loading Protocol Handler**
Explanation A failure to load protocol handlers (for example, `Xtstcp.lib`) occurred. It was probably caused by a configuration problem. Contact Software AG customer support.

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

XTS0056E	XTS Invalid protocol type
Explanation	The specified protocol is not supported by the transport subsystem. This is possibly and error in URL syntax.
XTS0057E	XTS Listen Failed
Explanation	A listen failed. Check the log file for protocol-specific errors. This is caused mostly by trying to listen on a port taken by another server.
XTS0058E	XTS Accept Failed
Explanation	The accept failed. Check the log file for protocol-specific errors.
XTS0059E	XTS Connect Failed
Explanation	The connect failed. Check the log file for protocol-specific errors.
XTS0060E	XTS No directory information
Explanation	No XTSaccess information is provided for the server to which the application wants to connect. Please add a target definition through the Directory Server.
XTS0061E	XTS Failure to create a thread
Explanation	A failure to create a thread occurred. Contact Software AG customer support
XTS0062E	XTS Timeout error
Explanation	A failure to connect or send data in the time set by the user occurred. To complete the connect or send, repeat the call or increase the timeout value.
XTS0063E	XTS Send Failed
Explanation	A completion code is returned to the send callback routine when send fails. Check the log file for the protocol-specific error code.
XTS0064E	XTS Invalid reference
Explanation	An invalid message reference was passed by the user.

XTS0065E	XTS Send incomplete
Explanation	A send was interrupted by a client disconnection.
XTS0066E	XTS No such server
Explanation	A nonexistent server name was passed by the user. It applies to the transport subsystem statistics and dumps calls.
XTS0069E	XTS Resolve Target failed
Explanation	The client failed to send a handshake message to the server; Error caused by the server going down or a protocol send error.
XTS0070E	XTS Resolve Target Reply failed
Explanation	The server failed to reply to the client during handshaking. This error is caused by the client going down or by a protocol send error.
XTS0071E	XTS Target cannot be resolved
Explanation	The client failed to resolve the target name. This error is caused by different names used by the server and the client but with the same address.
XTS0072E	XTS Not initialized
Explanation	The transport subsystem call was submitted before the transport subsystem was initialized. Errors were returned by XtsShutdown, XtsSendMessageByRT, and the transport subsystem statistics call.
XTS0073E	XTS Bind Client failed
Explanation	The client bind failed because of a protocol send error or because the server went down.
XTS0074E	XTS Too many user threads
Explanation	The number of user threads in existence reached the maximum (64). Stop creating new user threads or reduce their time to live (timeout).

XTS0075E	XTS Created thread failed
Explanation	The transport subsystem failed to create a new user thread. This is an SMP error, possibly because of the limitations of the number of threads that a system can support. Contact Software AG customer support.
XTS0077E	XTS Conversion failed
Explanation	The conversion between wide character and MBNS failed. Contact Software AG customer support.
XTS0078E	XTS No Target Name
Explanation	The target name is a zero pointer. Pass a valid string.
XTS0079E	XTS No Client Name
Explanation	The client name is a zero pointer. Pass a valid string.
XTS0082E	XTS Zero Length not accepted
Explanation	The length of the data to be sent is zero, Make the length a positive number.
XTS0083E	XTS Target ID Out of Range
Explanation	The target ID value is bigger than "2113929215".
XTS0084E	XTS Channel Inactive
Explanation	The server-client connection was no longer active when XtsSendByRt or XtsBindClient were called. This error is generated by a client going down during the call.
XTS0085E	XTS Disconnect message
Explanation	A client or server disconnection was detected during a transport subsystem call.
XTS0086E	XTS Hash table error
Explanation	An internal transport subsystem hash table error occurred. Contact Software AG customer support.

XTS0087E	XTS Thread key error
Explanation	An allocate/delete thread memory failure occurred. Contact Software AG customer support.
XTS0088E	XTS No CONNECT or LISTEN has been issued
Explanation	A server registration failed to submit at least one listen or connect. Check the XTSlisten or XTSconnect URL parameters.
XTS0089E	XTS Protocol not supported
Explanation	An attempt was made to use XtsBindClient over the RAW or XTSDS protocol. This feature is not supported.
XTS0090E	XTS Single Thread not supported
Explanation	This error code is returned when the transport subsystem call does not support the single thread feature. Examples include XtsRegisterServerByName(ID) and XtsGiveThread.
XTS0094E	XTS Zero pointer
Explanation	A zero pointer was passed by the user. This is an invalid value.
XTS0095E	XTS Hash table full
Explanation	An internal transport subsystem hash table error occurred. Contact Software AG customer support.
XTS0096E	XTS Send User Exit failed
Explanation	The user exit send routine failed. Check the user exit code.
XTS0097E	XTS Recv User Exit failed
Explanation	The user exit receive routine failed. Check the user exit code.
XTS0098E	XTS Load User Exit failed
Explanation	The transport subsystem failed to load the user exit library. Check the environment or the user exit routine names.

XTS0100E	XTS Shutdown in process
Explanation	This error code is returned when the transport subsystem is in shutdown mode (because XtsShutdown was called by another thread).
XTS0101E	XTS Route Timeout
Explanation	The proxy cannot deliver the message because the route timeout was insufficient. Change the route timeout.
XTS0102E	XTS Route Table overflow
Explanation	The proxy cannot deliver the message because of a route table overflow. Repeat the transport subsystem call.
XTS0103E	XTS Route TTL expired
Explanation	The proxy cannot deliver the message because the route time to live was insufficient. Change the time to live time.
XTS0104E	XTS Route failed
Explanation	The proxy cannot deliver the message because of a route failure. Repeat the transport subsystem call.
XTS0105E	XTS Null parameter
Explanation	A null parameter is encountered when a notify callback routine registration is called.
XTS0106E	XTS Connection Rejected
Explanation	The connection was rejected by the notify callback routine.
XTS0107E	XTS Replica redirected
Explanation	The connection was redirected by the callback routine.
XTS0108E	XTS timeout - connect in progress
Explanation	A timeout error occurred, but connection is in progress. Submit the call again or increase the timeout value.

XTS0109E	XTS invalid session
Explanation	An invalid session handle was used by the transport subsystem session calls.
XTS0110E	XTS invalid key
Explanation	An invalid session handle was used by the transport subsystem session calls.
XTS0111E	XTS Count converters failed
Explanation	The count of available converter names failed.
XTS0112E	XTS Convert enum failed
Explanation	The enumeration of text converter names failed.
XTS0113E	XTS Buffer too small
Explanation	The text conversion buffer is not big enough..
XTS0114E	XTS No more ports available
Explanation	No replicated server ports are available .
XTS0115E	XTS Text converter library load failed
Explanation	The load of the transport subsystem converter ending failed.
XTS0116E	XTS Text converter resolve failed
Explanation	The text converter interface function could not be resolved.
XTS0117E	XTS Name to EDDkey map failed
Explanation	The ICU converter name to Software AG ECS EDD key conversion failed..
XTS0118E	XTS XDS library loading failed
Explanation	The XDS library used by ADVDIR could not be loaded.

XTS0119E	XTS DS access time out error
Explanation	A timeout occurred accessing the Directory Server (the default timeout is one minute).
XTS0120E	XTS Failed to set ECS environment
Explanation	A failure occurred when setting the ECS environment.
XTS0121E	XTS Set UDP Port failed
Explanation	The UDP port selected by user cannot be used (because it is used by another application).
XTS0122E	XTS Sync and async send in raw mode not allowed
Explanation	Using synchronous and asynchronous calls on the same channel is not allowed.
XTS0123E	XTS Unknown received buffer
Explanation	The transport subsystem received an unknown buffer from an application.
XTS0124E	XTS Function retired
Explanation	The transport subsystem function is not supported any longer.
XTS0126E	XTS invalid duplicate server
Explanation	This error is generated when the same server is registered again with a different protocol than the one used when it was first registered.
XTS0127E	XTS Fatal error
Explanation	An internal error occurred, indicating a severe transport subsystem code problem. Contact Software AG customer support.
XTS0128E	XTS Load library failed
Explanation	The transport subsystem failed to load a library (the log file indicates which one).

XTS0129E	XTS Key not found
Explanation	The key used to retrieve transport subsystem parameters does not exist.
XTS0130E	XTS Xts.Config Key not found
Explanation	The key used by the user to retrieve transport subsystem parameters from <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.
XTS0206E	DS Topic Not Defined
Explanation	The user tried to use a qualifier unknown to the Directory Server.
XTS0207E	DS Unknown request
Explanation	An unknown XTSDS request was encountered. Check the syntax of the Directory Server call.
XTS0208E	DS No Entries
Explanation	The Directory Server or configuration file contains no entries for the specified target.
XTS0209E	DS Delete Failed
Explanation	A Directory Service delete call failed. Check the log file for detailed information.
XTS0210E	DS Connection Failed
Explanation	Connection to the Directory Server failed.
XTS0211E	DS Bind Failed
Explanation	Deprecated message.
XTS0212E	DS Search Failed
Explanation	Retrieve URL command failed.
XTS0213E	DS Add Failed
Explanation	Addition of a new URL failed.
XTS0214E	DS Already Exists
Explanation	An attempt was made to add a record that already exists.

XTS0215E	DS Failure Loading Service Handler
Explanation	A failure occurred loading a directory service. Check the environment. Contact Software AG customer support.
XTS0216E	DS Wrong directory parameter
Explanation	Unknown directory parameter.
XTS0217E	DS not Initialized
Explanation	Directory Server was not initialized before usage.
XTS0218E	DS Invalid target Name
Explanation	The target name contains one of the following characters: "#", ".", "[", "]", "=", "\", "\", or "*". The target name is invalid.
XTS0219E	DS Incomplete request
Explanation	An incomplete XTSDS request was caused by a zero value of the target, qualifier, or user data.
XTS0220E	DS No URL entries
Explanation	The XTSDS server does not have any URL to return for the retrieve call.
XTS0221E	DS XDS error
Explanation	An XDS processing error occurred..
XTS0222E	DS Rollback is not implemented
Explanation	No Directory Service rollback was performed..
XTS0223E	DS OVO error
Explanation	An OVO error occurred during Directory Service processing.

XTS0224E	DS One time set violation
Explanation	A one-time setting function was called multiple times. A programs encoding mode cannot change once it is set.
XTS0225E	DS Encoding conflict
Explanation	The INIDIR file encoding conflicts with programs encoding.
XTS0226E	DS Create file failed
Explanation	The file creation failed during Directory Service processing..
XTS0227E	DS IO file failed
Explanation	A file I/O error occurred during Directory Service processing.
XTS0228E	DS Wrong file format`
Explanation	The INIDIR file format was not recognized.
XTS0229E	DS Send buffer bigger than maximum allowed
Explanation	An internal transport subsystem error occurred, generated when a URL is added or deleted from the Directory Server and its size exceeds 65520 bytes.
XTS0230E	DS Invalid Service
Explanation	Invalid type of service used.
XTS0231E	DS Invalid Header
Explanation	Invalid Directory Service header used for communication.
XTS1000E	XTS Unknown error = {code}
Explanation	This message is returned by XtsGetMessage when it cannot find text for a given error code.

Generic TCP/IP Messages

XTS1001E	TCP/IP Operation not permitted
XTS1002E	TCP/IP No such file or directory
XTS1003E	TCP/IP No such process
XTS1004E	TCP/IP Interrupted function call
XTS1005E	TCP/IP I/O error
XTS1006E	TCP/IP No such device or address
XTS1007E	TCP/IP Arg list too long
XTS1008E	TCP/IP Exec format error
XTS1009E	TCP/IP Bad file number
XTS1010E	TCP/IP No children
XTS1011E	TCP/IP Operation would cause deadlock
XTS1012E	TCP/IP Not enough core
XTS1013E	TCP/IP Permission denied

XTS1014E	TCP/IP Bad address
XTS1015E	TCP/IP Block device required
XTS1016E	TCP/IP Mount device busy
XTS1017E	TCP/IP File exists
XTS1018E	TCP/IP Cross-device link
XTS1019E	TCP/IP No such device
XTS1020E	TCP/IP Not a directory
XTS1021E	TCP/IP Is a directory
XTS1022E	TCP/IP Invalid argument
XTS1023E	TCP/IP File table overflow
XTS1024E	TCP/IP Too many open sockets
XTS1025E	TCP/IP Inappropriate ioctl for device
XTS1026E	TCP/IP Text file busy
XTS1027E	TCP/IP File too large

XTS1028E	TCP/IP No space left on device
XTS1029E	TCP/IP Illegal seek
XTS1030E	TCP/IP Read-only file system
XTS1031E	TCP/IP Too many links
XTS1032E	TCP/IP Broken pipe
XTS1033E	TCP/IP Argument too large
XTS1034E	TCP/IP Result too large
XTS1035E	TCP/IP Resource temporarily unavailable
XTS1036E	TCP/IP Operation now in progress
XTS1037E	TCP/IP Operation already in progress
XTS1038E	TCP/IP Socket operation on non-socket
XTS1039E	TCP/IP Destination address required
XTS1040E	TCP/IP Message too long
XTS1041E	TCP/IP Protocol wrong type for socket

XTS1042E	TCP/IP Bad protocol option
XTS1043E	TCP/IP Protocol not supported
XTS1044E	TCP/IP Socket type not supported
XTS1045E	TCP/IP Operation not supported
XTS1046E	TCP/IP Protocol Family not supported
XTS1047E	TCP/IP Address family not supported by protocol family
XTS1048E	TCP/IP Address already in use
XTS1049E	TCP/IP Cannot assign requested address
XTS1050E	TCP/IP Network is down
XTS1051E	TCP/IP Network is unreachable
XTS1052E	TCP/IP Network dropped connection on reset
XTS1053E	TCP/IP Software caused connection abort
XTS1054E	TCP/IP Connection reset by peer
XTS1055E	TCP/IP No buffer space available

XTS1056E	TCP/IP Socket is already connected
XTS1057E	TCP/IP Socket is not connected
XTS1058E	TCP/IP Cannot send after socket shutdown
XTS1059E	TCP/IP Too many references
XTS1060E	TCP/IP Connection timed out
XTS1061E	TCP/IP Connection refused
XTS1062E	TCP/IP Too many levels of symbolic links
XTS1063E	TCP/IP File name too long
XTS1064E	TCP/IP Host is down
XTS1065E	TCP/IP No route to host
XTS1066E	TCP/IP Directory not empty
XTS1067E	TCP/IP Too many processes
XTS1068E	TCP/IP Too many users
XTS1069E	TCP/IP Disc quota exceeded

XTS1070E	TCP/IP Stale NFS file handle
XTS1071E	TCP/IP Too many levels of remote in path
XTS1072E	TCP/IP Device not ready
XTS1073E	TCP/IP Write-protected media
XTS1074E	TCP/IP Unformatted media
XTS1075E	TCP/IP No connection
XTS1076E	TCP/IP Old, currently unused AIX errno
XTS1077E	TCP/IP Restart the system call
XTS1078E	TCP/IP Invalid file system control data
XTS1079E	TCP/IP Media surface error
XTS1080E	TCP/IP I/O completed, but needs relocation
XTS1081E	TCP/IP No attribute found
XTS1082E	TCP/IP Out of STREAM resources
XTS1083E	TCP/IP System call timed out

XTS1084E	TCP/IP Next message has wrong type
XTS1085E	TCP/IP Protocol error
XTS1086E	TCP/IP No message on stream read queue
XTS1087E	TCP/IP fd not associated with a stream
XTS1088E	TCP/IP Security authentication denied
XTS1089E	TCP/IP Not a trusted program
XTS1090E	TCP/IP Illegal byte sequence
XTS1091E	TCP/IP Network subsystem is unavailable
XTS1092E	TCP/IP WINSOCK.DLL version out of range
XTS1093E	TCP/IP Successful WSAStartup not yet performed
XTS1094E	TCP/IP Cross mount point (not really error)
XTS1095E	TCP/IP cannot start operation
XTS1096E	TCP/IP Cannot access a needed shared library
XTS1097E	TCP/IP operation (now) in progress

XTS1098E	TCP/IP Lib section in a.out corrupted
XTS1099E	TCP/IP Attempting to link in too many shared libraries
XTS1100E	TCP/IP Cannot exec a shared library directly
XTS1101E	TCP/IP Graceful shutdown in progress
XTS1102E	TCP/IP Streams pipe error
XTS1103E	TCP/IP Structure needs cleaning
XTS1104E	TCP/IP Not a XENIX named tip file
XTS1105E	TCP/IP No XENIX semaphores available
XTS1106E	TCP/IP Is a named type file
XTS1107E	TCP/IP Remote I/O error
XTS1108E	TCP/IP No medium found
XTS1109E	TCP/IP Wrong medium type
XTS1111E	TCP/IP Host not found
XTS1112E	TCP/IP Non-authoritative host not found

XTS1113E	TCP/IP This is a non-recoverable error
XTS1114E	TCP/IP Valid name, no data record of requested type
XTS1115E	TCP/IP Resource unavailable
XTS1116E	TCP/IP Operation canceled
XTS1118E	TCP/IP Disc quota exceeded
XTS1119E	TCP/IP Identifier removed
XTS1120E	TCP/IP Too many open files
XTS1122E	TCP/IP Multihop attempted
XTS1123E	TCP/IP No locks available
XTS1124E	TCP/IP The link has been severed
XTS1125E	TCP/IP No message of the desired type
XTS1126E	TCP/IP Function not supported
XTS1127E	TCP/IP Directory not empty
XTS1128E	TCP/IP Operation not supported

XTS1129E	TCP/IP Value too large to be stored in data
XTS1130E	TCP/IP Stale NFS file handle
XTS1131E	TCP/IP There is no more data available
XTS1132E	TCP/IP The call has been canceled
XTS1133E	TCP/IP Invalid procedure table from service provider
XTS1134E	TCP/IP Invalid service provider version number
XTS1135E	TCP/IP Unable to initialize a service provider
XTS1136E	TCP/IP System call failure
XTS1137E	TCP/IP Service not found
XTS1138E	TCP/IP Type not found
XTS1139E	TCP/IP There is no more data available
XTS1140E	TCP/IP The call has been canceled
XTS1141E	TCP/IP Refused
XTS1142E	TCP/IP Cbannel number out of range

XTS1143E	TCP/IP Level 2 not synchronized
XTS1144E	TCP/IP Level 3 halted
XTS1145E	TCP/IP Level 3 reset
XTS1146E	TCP/IP Link number out of range
XTS1147E	TCP/IP Protocol driver not attached
XTS1148E	TCP/IP No 43 CSI structure available
XTS1149E	TCP/IP Level 2 halted
XTS1150E	TCP/IP Invalid exchange
XTS1151E	TCP/IP Invalid request descriptor
XTS1152E	TCP/IP Exchange full
XTS1153E	TCP/IP No anode
XTS1154E	TCP/IP Invalid request code
XTS1155E	TCP/IP Invalid slot
XTS1156E	TCP/IP File locking deadlock error

XTS1157E	TCP/IP Bad fon file fmt
XTS1158E	TCP/IP Process died with the lock
XTS1159E	TCP/IP Lock is not recoverable
XTS1160E	TCP/IP Machine is not on the network
XTS1161E	TCP/IP Package not installed
XTS1162E	TCP/IP The object is remote
XTS1163E	TCP/IP Advertise error
XTS1164E	TCP/IP Mount error
XTS1165E	TCP/IP Communication error on send
XTS1166E	TCP/IP Locked lock was unmapped
XTS1167E	TCP/IP Name not unique on network
XTS1168E	TCP/IP FD invalid for this operation
XTS1169E	TCP/IP Remote address changed

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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)
245	MPMMVS	Error locating ADAIOR in ESTAE recovery routine
246	RAOSSYDI (Adabas Review)	An error occurred when writing a message to the console (WTO).
247	MPMMVS	Unsuccessful STAE
248	MPMMVS or MPMF4	Invalid operating system or RMODE; for MPMF4, invalid operating system or RMODE; or CID GETMAIN failed The operating system check did not recognize a "known" operating system. The known system is z/OS. For z/OS: if the nucleus is running AMODE 31, then RMODE 24 was not set for at least one Adabas module other than ADALNK.
249	MPMMVS	Invalid function
251	ADARST	Unrecoverable abend of the Adabas Review subtask ADARST. See the ADAM90 message description.
252	IORSUB	Unrecoverable subtask abend. See the ADAM90 message description.
253	MPMIND	Nonrecoverable abend (caused by STAE/STXIT processing program check or nucleus abend) See the ADAM99 message description in <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

Code	Module	Explanation
477	SIPMVS	Incorrect ADASIR
478	SIPMVS	ADASIR load error
479	SIPMVS	ADASIR or ADASVC were not found in the load libraries provided to the ADASIP job
480	SIPMVS	Open error
481	SIPMVS	EXEC PARM error
482	SIPMVS	SIPMVS not authorized
485	LNKBS2	Unsupported function
	LNKBTO	
	LNKIX1	
486	SVC MVS	Invalid PCR04 call
487	SVC MVS	Caller specified an unknown or invalid target. This is possibly caused by restarting an already active target using FORCE=YES.
488	SVC MVS	Invalid PCR16 call
489	SVC MVS	Invalid 48-call parameters
490	MPMBS2	Target ID table may only be changed by a communicator
	SVC MVS	
491	SVC MVS	SVC 12-call without 16-call required
	SVCVSE	
492	SVC MVS	Active dormant LX
493	SVC MVS	Invalid 00-call parameters
494	SVC MVS	Caller not authorized
496	SVC MVS	No IDT
497	SVC MVS	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

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

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

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

Code	Module	Explanation
		eight bytes of the 28-byte Adabas communication ID). When this user abend occurs, contact your Software AG support representative and provide a dump including the registers at time of the abend so the reason code stored in R15 can be seen and evaluated.
657	LNKBTO	Dynamic SVC lookup table missing
	LNKCX	
	LNKIX1	
658	LNKBTO	LNKUES module not available to ADALNK
	LNKCX	
	LNKIX1	
659	SVCMVS	PC routine invoked by invalid caller.
660	LNKCX	CICS instructed ATM to perform a single-phase commit, but the outcome of the attempted commit could not be determined.
661	SVCMVS	Name/Token service error.
662	LNKBTO	Program cancel from UEXITR
	LNKCX	
	LNKIX1	
663	LNKCX	LNCSTUB DCI initialization failed
664	LNKBTO	SVC incompatible with install program
	LNKCX	
	LNKIX1	
	SVCMVS	
	SVCVSE	
665	SVCMVS	Invalid SVC caller
	SVCVSE	
666	RERBS2	Invalid AB deallocation length
	SVCMVS	
	SVCVSE	
667	SVCMVS	Unsupported z/OS release or missing CPU features. ArchLvl 2 (64-bit) is required.
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
687	IOSMVS	Error queuing parallel request
688	ADAIOR	Fatal error during a switch from SRB to TCB mode when Adabas is zIIP-enabled

Code	Module	Explanation
689	ADAIOR	Fatal error during a switch from TCB to SRB mode when Adabas is zIIP-enabled
690	ADAIOR	A call has been issued in SRB mode, but Adabas is not zIIP-enabled
691	IOSMVS	Error leaving or joining enclave
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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