Entire Net-Work Administration

Messages and Codes

Version 5.9.1

September 2009

Entire Net-Work

This document applies to Entire Net-Work Administration Version 5.9.1 and to 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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1 Messages and Codes

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

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

Message formats	Describes how you can identify an Entire Net-Work message and its origin.
Response Codes	Describes Entire Net-Work, Adabas, DCAM and SNA codes.
Entire Net-Work Messages	Describes the messages that can be issued from Entire Net-Work control programs and the TCPX line driver.
Software AG Internal Transport Subsystem Messages	Explains the possible internal transport subsystem messages you might receive during its processing.
Abend Codes	Lists abend (abnormal end) codes that may be returned.

2 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*.

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

4 Entire Net-Work Codes

This document contains the following types of response codes:

Code Type	Description
Entire Net-Work Codes	A group of Adabas codes reserved for Entire Net-Work.
Adabas Response Codes	Adabas response codes that 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 systems. This is due to the fact that all calls are passed through interregion communications in two places: first they are passed from the user`s task to Entire Net-Work, then, on the server's node, they are passed from Entire Net-Work to the server. In both instances the same types of errors may occur. Therefore it is sometimes difficult, if not impossible, to guess on which node the problem was encountered. To aid in diagnosing such situations, Entire Net-Work provides the node ID (targetid) of the Entire Net-Work node where the problem was encountered for all problems related to the response codes listed in the following pages. The information is returned in the Additions-2 field of the Adabas control block (ACBADD2 in ADACB). Note that this field is not modified by Entire Net-Work under any other circumstances. In some cases, where the problem prevents the call from reaching Entire Net-Work on the user's node, the information obviously cannot be provided by Entire Net-Work.

The codes are described in alphanumeric order.

RESPONSE 148

Explanation The Adabas nucleus was either not active or not accessible. Refer to the hexadecimal subcode that appears in the the Adabas Control Block's Additions 2 field, the low-order (rightmost) two bytes. The following are the decimal equivalents of those subcodes and their meanings:

Note: If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field may also contain the ID of the Entire Net-Work node that issued this response code.

1	Exclusive database control requirement conflicts with read-only nucleus status.
2	A nonprivileged call was made to the nucleus while it was in utility-only (UTI) mode.
3	The nucleus is performing an ADAEND operation, and either a new user is attempting to begin operation or an existing user in ET status is trying to continue operation.

Code Type Adabas response code

RESPONSE 151

Explanation A command queue overflow occurred.

Code Type Adabas response code

Action The DBA may increase the value for the NC parameter and/or the command may be issued when a lower level of command activity is in effect. If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (Adabas Control Block) contain the ID of the Entire Net-Work node that issued this response code.

RESPONSE 210

Explanation Logical ID greater than 255 (internal error).

If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (Adabas Control Block) contain the ID of the Entire Net-Work node that issued this response code.

Code Type Adabas response code

RESPONSE 211

Explanation Invalid ID table index in UB (internal error).

If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (Adabas Control Block) contain the ID of the Entire Net-Work node that issued this response code.

Code Type Adabas response code

RESPONSE 213

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

If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (Adabas Control Block) contain the ID of the Entire Net-Work node that issued this response code.

Code Type Adabas response code

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

RESPONSE 216

Explanation Command rejected by user exit.

If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (Adabas Control Block) contain the ID of the Entire Net-Work node that issued this response code.

Code Type Adabas response code

RESPONSE 217

Explanation Command rejected by user exit.

If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (Adabas Control Block) contain the ID of the Entire Net-Work node that issued this response code.

Code Type Adabas response code

RESPONSE 220

Explanation Buffer shortage: the request was rejected by Entire Net-Work due to a shortage of short term buffers. The ACBADD2 field in the Adabas control block contains the nodeid of the node in error in the leftmost 2 bytes.

Code Type Entire Net-Work response code

Action Increase the size of the short term buffer allocated on the BUFFER= parameter of the NODE statement.

RESPONSE 221

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

Code Type Entire Net-Work response code

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

Explanation Reply timeout: the request waited for a reply for a longer time period than specified by the REPLYTIM parameter in either the 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.

Code Type Entire Net-Work response code

RESPONSE 225 - 227 (reserved)

RESPONSE 228

Explanation ADALCO is UES-enabled, but one of the following problems exists: The SVC is not UES-enabled (the subcode in additions 2 is X'01') or the target database is not UES-enabled (the subcode in additions 2 is X'02').

Code Type Entire Net-Work response code

Action Make sure Adabas and the SVC are at the V712 level, and that the database is UES-enabled.

RESPONSE 229

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

Code Type Entire Net-Work response code

RESPONSE 252

Explanation An error occurred during Adabas SVC processing (post error).

If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (Adabas Control Block) contain the ID of the Entire Net-Work node that issued this response code.

Code Type Adabas response code

RESPONSE 253

Explanation An error occurred during Adabas SVC processing (invalid buffer length detected).

If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (Adabas Control Block) contain the ID of the Entire Net-Work node that issued this response code.

Code Type Adabas response code

RESPONSE 254

Explanation 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 you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (Adabas Control Block) contain the ID of the Entire Net-Work node that issued this response code.

Code Type Adabas response code

RESPONSE 255

Explanation All attached buffers were allocated at the time the command was processed. Buffer allocation (NAB) ◎high water marks" may not reflect this condition when no buffer allocation occurs.

If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (Adabas Control Block) contain the ID of the Entire Net-Work node that issued this response code.

Code Type Adabas response code

5 Entire Net-Work Messages

This document covers the following topics:

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*.

message descriptionsNETnnnn (control module) 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).

System Action 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.

User Action Try to abbreviate some keywords or eliminate some unnecessary blanks from the statement.

NET0002I **INVALID STATEMENT: aaaaaaaa**

Explanation The statement verb, aaaaaaaa, is not one of those recognized by Entire Net-Work (NODE, DRIVER, or LINK).

System Action 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.

User Action Ensure correct coding of recognized statements; you may have coded a comment or a continuation line incorrectly.

NET0003I **INVALID KEYWORD: aaaaaaaa**

Explanation A keyword parameter was coded (aaaaaaaa), that is not recognized in this statement.

System Action 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.

Note: Errors reported in subsequent statements may result from this error.

User 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 There are certain constraints on valid values for some keyword parameters, such as:

- numeric values
- hexadecimal values
- YES or NO only, etc.

In this case, parameter aaaaaaaa was not correctly specified. nnn is specified for multiple value parameters only; if given, it specifies the position of the subparameter in error.

System Action The statement in question and any statements following it are scanned for errors; session initialization is aborted after all statements have been read.

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

NET0005I DUPLICATE NODE STATEMENT

Explanation More than one NODE statement was coded in the parameter data set.

System Action 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.

User Action Eliminate all but one of the NODE statements from the parameter data set.

NET0006I INVALID DRIVER NAME: aaaaaaaa

Explanation The value aaaaaaaa is not a valid line driver name.

System Action 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.

User Action For the valid name, see the documentation for the Simple Connection Line Driver in the *Entire Net-Work Administration Guide*.

NET0007I DUPLICATE aaaaaaaa DRIVER STATEMENT

Explanation More than one DRIVER statement was coded for the access method aaaaaaaa.

System Action 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.

User Action Eliminate any extraneous DRIVER statements from the parameter data set.

NET0008I aaaa DRIVER NOT AVAILABLE

Explanation The NETaaaa 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.

System Action 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.

User Action Ensure that the driver NETaaaa is available and installed correctly, verify correct spelling, or check your JCL for correct library specifications.

NET0009I MORE THAN nn VALUES FOR KEYWORD: aaaaaaaa

Explanation More values than expected were coded for the multiple-value keyword parameter aaaaaaaa. The value nn is the maximum number of values permitted by the definition of the parameter.

System Action 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.

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

NET0010I REQUIRED PARAMETER NOT SPECIFIED: aaaaaaaa nnn

Explanation The keyword or positional parameter aaaaaaaa was either incorrectly specified or was missing. The value nnn is specified for multiple value parameters only; if given, it specifies the position of the missing subparameter.

System Action 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.

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

NET0011I EOF FOUND BEFORE END OF STATEMENT

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

System Action The Entire Net-Work session is terminated abnormally.

User Action Correct the parameter statement.

NET0012I Adabas LIBRARY IS NOT Y2K READY

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

System Action None. This message is informational only.

User Action If you want Year 2000 compliance, upgrade the Adabas installed on your system to Version 6.2.1 or use the WAL library provided with Entire Net-Work.

NET0013I BUFFER POOL INIT FAILED, RC=nn

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

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

System Action The Entire Net-Work session is terminated abnormally.

User 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.

System Action The Entire Net-Work session is terminated abnormally.

User 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.

System Action 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.

User 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 aaaa, but either a DRIVER statement for aaaa 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.

System Action 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.

User 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.

System Action 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.

User 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 NETMxx message to explain the problem; otherwise, an internal system error occurred. The call type is specified as nn.

System Action The Entire Net-Work session is terminated abnormally.

User Action Refer to the section *ADAMPM Messages* for details. If a system error occurred, have a system dump and any other documentation available, and contact your Software AG technical support representative.

NET0019I COMMAND QUEUE SPACE UNAVAILABLE

Explanation The storage request for the command queue (request queue) failed. The amount of storage necessary is (NC+1)*192 bytes, where NC is the value of the NC parameter in the ADARUN statement.

System Action The Entire Net-Work session is terminated abnormally.

User 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.

System Action The Entire Net-Work session is terminated abnormally.

User 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: xxxxxxxx

Explanation An internal error occurred; an incorrect line driver module was probably loaded.

System Action The Entire Net-Work session is terminated abnormally.

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

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.

System Action The Entire Net-Work session is terminated abnormally.

User Action Check the buffer pool statistics printed at the end of the session, provide more storage in the asynchronous buffer pool.

NET0023I NODE STATEMENT MISSING

Explanation A NODE statement must be given as the first parameter statement.

System Action The Entire Net-Work session is terminated abnormally.

User Action Code an appropriate NODE statement as the first parameter statement. For more information, see the section *Entire Net-Work Parameter Statements* in the *Entire Net-Work Reference Guide*.

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.

System Action The Entire Net-Work session is terminated abnormally.

User 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.

System Action The system continues to run, but with tracing disabled.

User Action If RC=4, either try to run with a smaller trace table or provide a larger partition or address space. If nn 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.

System Action The Entire Net-Work session is terminated abnormally.

User 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.

System Action The Entire Net-Work session is terminated abnormally.

User Action Provide more storage in the short term (or possibly the page-fixed) buffer pool, according to the buffer pool statistics provided.

NET0028I MESSAGE BUFFER SHORTAGE

Explanation There were not enough short-term buffers available to handle message traffic.

System Action The Entire Net-Work session is terminated abnormally.

User Action Provide more storage in the short term or page-fixed buffer pool, according to the buffer pool statistics provided.

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.

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

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

NET0031I INVALID LOG PARAMETER

Explanation The value specified for the LOG keyword on the NODE statement or the SET operator command was invalid.

System Action The erroneous parameter is ignored. Processing continues normally.

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

NET0032I EXCESSIVE ECB COUNT IN DRIVER aaaa

Explanation An internal error occurred; an incorrect module was probably loaded as line driver NETaaaa.

System Action The Entire Net-Work session is terminated abnormally.

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

NET0033I aaaa DRIVER REQUIRES PAGE-FIXED BUFFERS

Explanation The access method aaaa requires a page-fixed buffer pool in order to function in your operating system configuration.

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

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

NET0034I UNSUPPORTED VERSION OF ADAIOR. NETWRK TERMINATING

Explanation An unsupported version of Adabas or the WAL library is being used.

User Action Supply the appropriate Adabas or WAL libraries.

NET0035 ISOLATED TARGET {targetid} CANNOT BE ACCESSED FROM THIS NODE

Explanation The *targetid* 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.

User Action No action is required. This message is for Software AG use only.

NET0037I module (yyyy-mm-dd SM=sss) ZAP LEVEL zzzz

Explanation This message is issued in response to operator command DISPLAY ZAPS. For each Entire Net-Work module, 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 .

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

NET0039I xxxxxxxx, NETSAF VERSION IS INVALID, SHUTDOWN

Explanation The NETSAF module version is invalid or the NETSAF module is not available; xxxxxxxx is the name of the module issuing the message. Entire Net-Work will shut down following this message.

User Action Save the DDPRINT and contact your Software AG technical support representative.

NET0040I GET NETSAF WORK AREA FAILED FOR LINK xxxxxxxx;

Explanation An attempt to obtain buffer pool storage for the NETSAF work area failed for link xxxxxxxx. Security authorization cannot be performed without this work area, so the link is disconnected.

User Action The failure may be due to a buffer pool shortage. Check the buffer pool statistics. In VM and BS2000/OSD environments, 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.

User Action Save the DDPRINT and the DUMP, if available, and contact your Software AG technical support representative.

NET0050I PAGE FIXED BUFFERS MUST BE SET TO 0 IN CMS

Explanation In VM/CMS environments, the Page-Fixed Buffer Pool size set by the BUFFERS parameter on the NODE statement must be zero (0). For more information, see the section *Entire Net-Work Parameter Statements* in the *Entire Net-Work Reference Guide*.

System Action Entire Net-Work resets the Page-Fixed Buffer Pool size to 0 and continues the initialization process.

User Action Set the fourth value of the BUFFERS parameter on the NODE statement to 0.

NET0051I NUCLEUS EXTENSION xxxxxxxx NOT FOUND

Explanation The module xxxxxxxx has not previously been loaded as a nucleus extension. This message applies to VM/CMS environments only

System Action Entire Net-Work terminates the initialization process.

User 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.

System Action The value is set to 32000 and Entire Net-Work continues.

User Action Specify a valid LOGSIZE value.

Module NETWRK

NET0086I INVALID SNAP PARAMETER: xxxxxxxx

Explanation A SNAP operator command was issued with an invalid additional parameter. Valid parameters are MAIN, MYBLK, TRACE, CURRMSG, UBQ, CQ, and BPH.

User Action Re-issue the SNAP command with valid parameters. For more information, see the section *Entire Net-Work Operator Commands* in the *Entire Net-Work Reference Guide*.

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 for transmission to other nodes.

NET0088I nnnnnnnnnn REQUESTS FOR TARGET nnnnn ON NODE aaaaaaaa

Explanation This is an informational message displaying the number of requests Entire Net-Work handled for target nnnnn.

If aaaaaaaa is the local node, the number specifies incoming requests, otherwise outgoing requests.

This message is not displayed for targets with a message count of zero.

NET0089I nnnnnnnnnn REQUESTS TOTAL ..... FOR NODE aaaaaaaa

Explanation This is an informational message displaying the number of requests that Entire Net-Work handled for all targets on node aaaaaaaa.

If aaaaaaaa 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.

User 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 (sizea) for major buffer pool resources are displayed; values are in Kbytes (1024-byte units, or sizeb), 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).

User 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).

User 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 *Entire Net-Work Parameter Statements* in the *Entire Net-Work Reference Guide*.

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 for message timeouts.

User 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 *Entire Net-Work Parameter Statements* in the *Entire Net-Work Reference Guide*.

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 for short term buffer shortage conditions.

User 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.

User 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 aaaaaaaa DRIVER OPEN FAILED (RC=nn)

Explanation The line driver aaaaaaaa could not be opened. More specific messages should have been issued by the line driver. The return code (nn) is access method dependent.

System Action 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.

User Action Refer to the related access-method-specific line driver error message for information on what condition caused this error. Correct the access method problem and issue a START operator command for the driver, or wait for the next RESTART to occur. Under certain circumstances, you may have to stop and restart the Entire Net-Work session to make the line driver available.

NET0103I **LINK aaaaaaaa (aaaa) OPEN FAILED (RC=nn)**

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

System Action The system continues to run normally without the link.

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

NET0104I **LINK aaaaaaaa (aaaa) CONNECT FAILED**

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

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

System Action The system continues to run normally without the link.

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

NET0105I **ALL aaaa LINKS CLOSED BY ACCESS METHOD TERMINATION**

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

System Action The system continues to run normally without the links.

User 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 the *Entire Net-Work Reference Guide*.

NET0106I **LINK aaaaaaaa CAN'T CONNECT TO NODE bbbbbbbb reason**

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

Reason INV(ALID) LINK STATUS

Action 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.

Reason REJECTED BY NODE

Action 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).

Reason NETWORK CONFLICT

Action Handshaking determined that conflicts exist between the network topologies as seen by this node and node bbbbbbbb; therefore, a connection via link aaaaaaaa 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.

System Action The link is disconnected.

User 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.

System Action The system continues processing without the link.

User 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.

System Action The link is disconnected.

User 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.

System Action The link is disconnected.

User 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 aaaaaaaa was successfully connected to node bbbbbbbb. The function may have been initiated from either side.

System Action Normal processing continues, the newly connected link will be considered for message traffic.

NET0111I LINK aaaaaaaa CLOSED

Explanation During Entire Net-Work termination, link aaaaaaaa was closed. Usage statistics for the link follow this message.

System Action After displaying the usage statistics, termination processing continues normally.

NET0112I nn,nnn,nnn,nnn MSGS; BLK FACTOR = nnn.nn

Explanation This message details the number of messages and transmission blocks sent via the link and the blocking factor achieved. This last item is only displayed if BLOCKMSG=Y and STATBLK=Y are in effect for this link.

This message is displayed as a result of the `DISPLAY LINK` operator command. With the Simple Connection Line Driver, this count is reset to zero (0) after link connect processing.

NET0113I nn,nnn,nnn,nnn {INPUT | OUTPUT} THROWBACKS;

Explanation This message is printed in conjunction with message **NET0111** if throwbacks occurred. It is an indication that not enough message buffers (short term or page-fixed buffer pool) were available at some point during the session. The worst case figure specifies how often one individual message was thrown back.

User Action Check the buffer pool usage statistics; increase the appropriate buffer pool size to prevent future occurrences of this message.

NET0114I SNAP DUMP WRITTEN TO NETPRNT / DDPRINT

Explanation The SNAP output is written to NETPRNT if it is available; otherwise, the output is written to DDPRINT.

NET0115I OPERATOR COMMAND NOT RECOGNIZED

Explanation The last operator command entered was not recognized by Entire Net-Work.

System Action The command is ignored.

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

NET0116I LINK aaaaaaaa NOT FOUND

Explanation An operator command was issued to act on link aaaaaaaa, but no link with that name is defined.

System Action The command is ignored.

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

NET0117I LINK aaaaaaaa CANNOT BE CONNECTED, STAT=ssssss

Explanation An operator command was issued to connect link aaaaaaaa, but the link is in a state that does not allow connection (the link is probably already connected). STAT=ssssss may be one of the following status codes:

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.

System Action 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.

System Action 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.

User 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 RQE; USER=userid

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

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

System Action The message in error is discarded.

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

NET0120I {aaaa} LINK {bbbbbbbb} TO NODE {cccccccc} STAT={ssssss}

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

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

NET0121I OUTPUT QUEUE: nnnn MSGS, mmmm TR.BLKS

Explanation This message is issued in response to the DISPLAY LINKS operator command unless both nnnn and mmmm are zero. It indicates a transmission backlog for the link.

A small backlog is normally not an error condition, but a backlog that increases over time may indicate a problem with the link.

Note that there are usually no messages in the input queue when operator commands are handled.

NET0122I NODE aaaaaaaa (bbbbbbbb) DIST nnnnnn (lll) {LOCAL /

Explanation This message is issued in response to the DISPLAY NODES, DISPLAY PATHS, or PROBE operator command. aaaaaaaa specifies the node name from the NODE parameter statement. bbbbbbbb is the node ID (target ID of the communicator). nnnnnn is the distance to the node (computed by adding all link weights along the path to the node; see the WEIGHT parameter in the section *Entire Net-Work LINK Statement* in the *Entire Net-Work Reference Guide*) and lll is the number of links between this Entire Net-Work node and node *aaaaaaaa*. cccccccc is the name of the first link on the path.

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

Explanation This message is issued in response to the DISPLAY TARGETS operator command. All targets that were ever active in the network are listed. nnnnn is the target ID, tt is the target type (see below), tr is T if the target uses Adabas Version 7 translation or N if it does not, and aaaaaaaa is the name of the node on which the target is or was active.

Inactive targets are shown on the node where they were last active. The LOCKED status indicator is shown only while a duplicate target conflict is being resolved. The following table contains the target types:

C	Communicator (Entire Net-Work)
c	Client Only Element
L	Local isolated database
I	Global isolated database
A	Anchor (e.g., Natural Global Buffer Pool)
N	Non-database target (ACCESS)
T	Transalation / UES-enabled 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.

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

User 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. aaaa 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. aaaa is the access method of the line driver.

System Action 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. aaaa is the access method of the line driver.

System Action The command is ignored.

NET0133 INVALID TRACE ARGUMENT: aaaaaaaa

Explanation An invalid argument aaaaaaaa 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 *Entire Net-Work Parameter Statements* in the *Entire Net-Work Reference Guide*.

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.

System Action The command is ignored.

User 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 aaaaaaaa, and the resulting message was returned. PROBE messages are time-stamped to measure the time needed to communicate between the local node and node aaaaaaaa. The required time is displayed in nnnn.nnn seconds.

NET0136I PROBE MSG SENT. USER DATA LENGTH: nnnnn

Explanation This message acknowledges a PROBE operator command and displays the length of the random user data sent (maximum length is 64512 bytes). Message **NET0135** is displayed when the PROBE reply is returned.

NET0137I LINK aaaaaaaa CONNECT INITIATED

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

System Action 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:

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

NET0141I VIA NODE(S): nodename

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

NET0144I CSCI FUNCTION NOT AVAILABLE

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

NET0145I LINK xxxxxxxx DISABLED

Explanation This message is a confirmation message in response to a DISABLE operator command. For more information, see the section *Entire Net-Work Operator Commands* in the *Entire Net-Work Reference Guide*.

NET0146I LINK xxxxxxxx SUSPENDED

Explanation This message is a confirmation message in response to a SUSPEND operator command. For more information, see the section *Entire Net-Work Operator Commands* in the *Entire Net-Work Reference Guide*.

NET0147I LINK xxxxxxxx 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 *Entire Net-Work Operator Commands* in the *Entire Net-Work Reference Guide*.

NET0148I LINK xxxxxxxx IS NOT SUSPENDED

Explanation A RESUME operator command was issued for a link that was not previously SUSPENDed. For more information, see the section *Entire Net-Work Operator Commands* in the *Entire Net-Work Reference Guide*.

NET0149I LINK xxxxxxxx RESUMED

Explanation This message is a confirmation message in response to a RESUME operator command. For more information, see the section *Entire Net-Work Operator Commands* in the *Entire Net-Work Reference Guide*.

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 *Entire Net-Work Operator Commands* in the *Entire Net-Work Reference Guide*.

NET0151I INVALID NET-WORK MESSAGE ON LINK xxxxxxxx (REASON=nn)

Explanation A message was received on link xxxxxxxx that violates the internal Entire Net-Work message protocol. The reason code indicates the type of error detected, as follows:

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

System Action A hexadecimal dump of the message is written to DDPRINT, and link xxxxxxxx is disconnected.

User 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 the *Entire Net-Work Reference Guide*.

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.

System Action The link is disconnected.

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

NET0240E UNKNOWN NETPRNT REQUEST

Explanation An invalid NETPRNT request was detected. The only requests currently supported are OPEN, CLOSE, and WRITE.

User 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.

User 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.

User Action No action is normally required. However, if you are running in VSE/ESA 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.

User 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.

User 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.

User 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

NET0250I DUMP OPTIONS aaaaaaaa

Explanation This message lists the values specified for the DUMP parameter on the NODE statement. This message will also be seen as a reply to the SET DUMP operator command. For more information, see the section *Entire Net-Work Parameter Statements* in the *Entire Net-Work Reference Guide*.

User Action This is an informational message only and no action is required.

Module NETMAIN

NET0251I INVALID DUMP OPTIONS aaaaaaaa

Explanation An invalid value was specified for the DUMP parameter on the NODE statement. The default value 'ALL' is used to dump all areas. This message may also be seen as a reply to an invalid SET DUMP operator command specification.

User Action Correct the DUMP parameter specification on the NODE statement before restarting Entire Net-Work (see the DUMP parameter in the section *NODE Statement Parameters*). 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 *Entire Net-Work Operator Commands*). Both sections are in the *Entire Net-Work Reference Guide*.

Module NETMAIN

NET0306E DISCONNECTING LINK xxxxxxxx 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.

System Action The link is disconnected.

User Action Follow the user action recommended in the description of the preceding message, i.e., NET0108, NET0109, or NET0308.

NET0308E NODEID ON xxxxxxxx IN CONFLICT WITH TARGET ttttt

Explanation An Entire Net-Work control message reported a node xxxxxxxx whose target ID is already active elsewhere in the network. This presents a network conflict, as target IDs must be unique throughout the network. Message **NET0106** or **NET0306** is issued after all detected conflicts have been listed.

System Action The link is disconnected.

User Action Remove the conflict from the network by either terminating target ttttt, or assigning a new unique target ID to node xxxxxxxx.

NET0322I NODE dddddd.aaaaaaaa (bbbbb) DIST nnnnnn (lll) VIA cccccccc

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 *NODE Statement Parameters* in the *Entire Net-Work Reference Guide*.

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.

System Action The message is not sent at this time. An attempt is made to free enough working storage. Sending the message is then tried again.

User 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.

User Action Determine if the problem is caused by a storage shortage or if there is an incompatibility with the WAL data set version and fix the problem. If neither of these conditions are causing the problem, contact your Software AG Customer Support representative.

NET0998I Entire Net-Work NODE 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 xxxxxxxx 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.

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 (*nnnn*) and the storage location (*llll*).

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

NETB004E LOAD FAILED FOR MODULE {xxxxxxxx}

Explanation During buffer pool initialization, module *xxxxxxxx* could not be loaded and the buffer pool initialization was terminated.

User Action Contact your Software AG technical support representative.

NETB008I REQ = ({nnnnnnnn}, {xxxxxxxx}, {yyyyyyyy}, {zzzzzzzz})

Explanation One of a group of messages generated in response to the DISPLAY STATS operator command or at the end of an Entire Net-Work session. It provides the number of successful (*nnnnnnnn*) and failed (*xxxxxxxx*) GET requests and the number of successful (*yyyyyyyy*) and failed (*zzzzzzzz*) FREE requests processed for a subpool within the buffer pool identified by the preceding **NETB001I** message.

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

NETB009I HIGH ALLC = {hhhhhhhh} CURR ALLC = {cccccccc}

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 (*hhhhhhhh*), the current storage allocation (*cccccccc*), and the current storage available (aaaaaaaa) for the buffer pool identified in the preceding **NETB001I** message.

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

NETB010 ELM = ({bbbbbbbb}, {hhhhhhhh}, {cccccccc}, llllllll), 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 (*bbbbbbbb*), highest (*hhhhhhhh*), current available (*cccccccc*) and lowest (*llllllll*) number of elements as well as the element size (*ssssssss*) in bytes.

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

NETB011I STR = ({bbbbbbbb}, {hhhhhhhh}, {cccccccc}, {llllllll}) 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 (*bbbbbbbb*), highest (*hhhhhhhh*), current available (*cccccccc*) and lowest (*llllllll*) storage allocations.

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

NETB012I EXP = ({nnnnnnnn}, {xxxxxxxx}, {yyyyyyyy}, {zzzzzzzz})

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 (*nnnnnnnn*), the maximum number of times it is allowed to expand (*xxxxxxxx*), the current total number of expansions (*yyyyyyyy*), and the highest number of expansions at any time (*zzzzzzzz*).

When *xxxxxxxx* is equal to "1", unlimited expansions are allowed.

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

NETB013I COMBINED BUFFER POOLS SIZE {nnnnnnnn} K

Explanation One of a group of messages generated in response to the DISPLAY STATS operator command or the end of an Entire Net-Work session. It describes the total size of the buffer pool, i.e., *nnnnnnnn* is the combined size of all subpools in all buffer pools belonging to Entire Net-Work.

User 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.

System Action Beginning with this error, errors are traced in the error trace table until the error trace table is full (see message **NETB015I**).

User 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.

System Action Stops tracing errors in the error trace table.

User 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.

NETH002W ERROR DURING SEND RC=({xx}) LINK={llllllll}

Explanation NETSMH called the Entire Net-Work SMH API 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.

User 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 NETSMH

NETH003W LINK {llllllll} SEND TIME EXCEEDED, DISCONNECTING LINK

Explanation NETSMH called the Entire Net-Work SMH API 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.

User Action The SENDTIME= parameter in the LINK statement is used to set the time limit for send completion. If the value specified for SENTIME= 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 NETSMH

NETH004W ERROR DURING CONNECT RC=({xx}) LINK={llllllll}

Explanation NETSMH called the Entire Net-Work SMH API 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.

User 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 NETSMH

NETH005W ERROR DURING ACCEPT RC=({xx}) LINK={llllllll}

Explanation NETSMH called the Entire Net-Work SMH API 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.

User 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 NETSMH

NETH006I DRIVBLK @ {dddddddd} NETSMH @ {mmmmmmmm}

Explanation Initialization of the NETSMH driver has begun. The driver control block is located in storage at address *dddddddd* and the NETSMH module itself is located at address *mmmmmmmm*. This information is provided to aid in debugging.

User Action None.

Module NETSMH

NETH007I INTERNAL TRACE TABLE ADDRESS = {ttttttt}

Explanation The TCP/IP internal trace table is located in virtual storage at address *ttttttt*. This information is provided to aid in debugging.

User Action None

Module NETSMH

NETH008I 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.

User 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 NETSMH

NETH009I Entire Net-Work MODULE {mmmmmmmm} LOADED

Explanation The Entire Net-Work SMH API module *mmmmmmmm* was loaded into virtual storage at address *vvvvvvvv*. The information in this message is provided to aid in debugging.

User Action None

Module NETSMH

NETH010E 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.

User 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 NETSMH

NETH011W TCP/IP ACCESS METHOD ERROR; CONNECT IGNORED

Explanation The Entire Net-Work SMH 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.

User 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 NETSMH

NETH012W CONNECTION TERMINATED BY API, LINK={llllllll}

Explanation The Entire Net-Work SMH 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.

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

Module NETSMH

NETH013W CONNECTION REJECTED FOR {xxx.xxx.xxx.xxx}

Explanation Remote Entire Net-Work host *xxx.xxx.xxx.xxx* attempted to establish an SMH link with the local Entire Net-Work host, but the connection was rejected for one of the following reasons:

- The remote host is intentionally prohibited from establishing a connection.
- The local host does not have a predefined LINK statement for the remote host.
- 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. Review the documentation for the LINK statement in the *Entire Net-Work Administration Guide*.

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

- Create a link statement for the remote host.
- Issue the command SMH linkname SHOW to determine if the Internet address is correct in the link related control blocks. If the Internet address is incorrect, alter it manually with the commands SMH linkname CLOSE ALTER INETADDR=(*x*,*x*,*x*,*x*) and SMH linkname OPEN.

Module NETSMH

NETH015W ERROR DURING REJECT RC=({xx}) LINK={llllllll}

Explanation NETSMH called the Entire Net-Work SMH API 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.

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

Module NETSMH

NETH016E 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.

User 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 NETSMH

NETH017I RECONNECT IN PROGRESS FOR LINK {llllllll}

Explanation Link llllllll 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.

User 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 NETSMH

NETH018E 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.

User Action Issue the command SMH *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 NETSMH

NETH019I 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.

User Action None.

Module NETSMH

NETH020W LINK {xxxxxxxx} INVALID STATE TO INITIATE A CONNECT

Explanation The CONNECT operator command was issued but is not allowed for link SMHLINK in the SMH driver. CONNECT and DISCONNECT are handled internally when requests are sent by SMH.

User Action No action is necessary.

Module NETSMH

NETH021W ADJHOST PARAMETER NOT SUPPORTED BY SMH API

Explanation ADJHOST=*xxxxxxx*, where *xxxxxxx* is the Internet host name, was specified in the LINK statement. However, the Entire Net-Work SMH API does not support the resolution of Internet host names to Internet numbers.

User Action Change the LINK statement to use the INETADDR= parameter instead of the ADJHOST= parameter. Review the documentation for the LINK statement in the *Entire Net-Work Administration Guide*.

Module NETSMH

NETH022W CONNECT FAILED FOR {llllllll}, UNABLE TO RESOLVE HOST NAME

Explanation The command CONNECT llllllll was issued internally, where *llllllll* 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.

User 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 NETSMH

NETH023W CONNECT COMMAND NOT ALLOWED WITH SMH DRIVER

Explanation The CONNECT operator command is not allowed for link SMHLINK in the SMH driver. CONNECT and DISCONNECT are handled internally when requests are sent by SMH.

User Action No action is necessary.

Module NETSMH

NETH024W LINK NOT OPENED; LINK NAME MUST BE SMHLINK

Explanation A link was found for the SMH driver that was not named "SMHLINK". Only one link can be defined for the SMH driver, and it must be named "SMHLINK". Message **NET0103** follows, specifying the name of the invalid link.

User Action Specify only one link for the SMH driver, named "SMHLINK".

Module NETSMH

NETI02 GETMAIN mmmmmmmm (ssssss)

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, 'mmmmmmmm' is the amount of memory requested; 'aaaaaaaa' is the amount of memory available; and 'ssssss' (printed only under 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 VSE/BS2000/OSD: This message indicates that Entire Net-Work requested cancellation. A dump is normally also provided. The value code corresponds to the user abend code. For more information, see the section ***Entire Net-Work Abend Codes*** in this manual. The value 'jobname' is the VSE job name or BS2000/OSD 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 VSE 'MSG' command. The value 'node-id' is the target ID of the node.

User Action Enter a valid Entire Net-Work command.

NETI29 OPER CMD: command

Explanation VSE/MVS and BS2000/OSD: 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.

User Action Make a note of all recent messages, and contact your Software AG technical support representative.

NETM91 node-id 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).

User 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 node-id 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).

User 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 node-id 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.

User 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 also occurs.

NETM97 nodeid MVS HAS SET THIS SERVICE S ASCB/ASID UNUSABLE

Explanation ASIDs are defined by Cross Memory Services. For more information regarding the use of ASCBs/ASIDs by Adabas, refer to the Adabas documentation.

User Action None required. You may want to restart the terminating initiator.

NETM98 nodeid TARGET INITIALIZATION ERROR: cause

Explanation ADAMPM 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. For VM/CMS, this cause means the ID Table Manager virtual machine is not active.
DUPLICATE ID (LOCAL)	The ID Table already contains an active entry for the target ID (database ID) specified. Multiple targets with the same ID are not allowed. Choose which of the two targets should be active and if necessary, end the currently active target and restart the job for the other target.
ID TABLE FULL	The system already holds the maximum allowed number of ID Table entries (databases, Entire Net-Work nodes, Natural PROCESS nuclei, and so on) that can be simultaneously active. This maximum is set during ID Table initialization; the default is 10. Either terminate one of the active targets and restart the job, or end all active targets and reinitialize the ID Table with a larger size (using ADASIP or by re-IPLing the system).
DUPL. COMMUNIC./TRANSL.	No more than one communicator and no more than one translator can be active simultaneously. Correct the problem and rerun the job.
NO COMMON MEMORY CQ/AB	The necessary common storage space for the Command Queue (CQ) and/or the Attached Buffer pool is not available. Either specify a smaller buffer requirement if possible, or re-IPL the system to free lost common storage.
DUP ID ON NODE *nodeid*	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.

Cause	User Action
COMMUNICATOR RSP=*code*	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 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 xxxxxxxx . . . . xxxxxxxx (R0-7) xxxxxxxx . . . . xxxxxxxx (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.

Simple Connection Line Driver Operator Messages

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

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

NETP040I LINK {llllllll} HAS RESUMED PROCESSING

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

User Action None.

Module NWTCPOPC

NETP041W PROCESSING ON LINK {llllllll} HAS BEEN SUSPENDED

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

User 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.

User 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.

User Action None.

Module NWTCPOPC

NETP044I LINK {llllllll} STATISTICS {xxxxxxx}

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

User Action None.

Module NWTCPOPC

NETP046W LINK {llllllll} NOT ALTERED, BAD CONFIGURATION PARAMETERS

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

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

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

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

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

Module 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 xxxxxx was taken as a result.

User Action None.

NETP048I LINK {llllllll} {xxxxxxxxxxxxxxxxxxxxxxxx}

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

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

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

Manual Open Failed - Open processing failed.

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

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

User 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 **----------CONFIGURATION FOR LINK {llllllll}----------**
ADJHOST({xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx})
INETADDR({xxx.xxx.xxx.xxx}) LILNODE({xxxxxxxx})
MULTSESS({x}) PSTATS({x})
RSTATS({x}) SAF({x}) SENDTIME({xxxxxxx})
STATINT({xxxxxxx}) TRACESIZ({xxxxxxx})
IP Version 6 address={xxxx:xxxx:xxxx:xxxx:xxxx:xxxx:xxxx:xxxx}

Explanation This multi-line display shows the current configuration for 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. For example, the last line appears only if IP Version 6 is in use.

User Action None.

Module NWTCPOPC

NETP061I **LINK {llllllll} STATE({xxxxxxxxxxx}) MSGS SENT({xxxxxx})**

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

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

User Action None.

Module NWTCPOPC

NETP062I **CONFIGURATION FOR DRIVER {dddd}**
ACCEPTUI({x}) API({xxx}) APITRACE({x,x,x,x,x,x,x,x,x,x})
CONNQUE({xxxxx}) DRVNAME({xxxx})
PSTATS({x}) RESTART({xxxxx,xxxxx}) RSTATS({x})
SERVERID({xxxxx}) STATINT({xxxxxxx}) SUBSYS({xxxx})
TRACE({xxx}) TRACELEV({x,x,x,x,x,x,x,x,x,x}) TRACESIZ({xxxxxxx})
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.

User Action None.

Module NWTCPOPC

NETP063I STATISTICS FOR LINK {llllllll} OR DRIVER {dddddddd}

Explanation

```
+-------------------------------------------------------------------------+
(a) + Statistics For Link XXXXXXXX  Period xxxxx:xx:xx (xxxxxxx.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.xxx  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.

User Action None.

Module NWTCPOPC

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
```

User Action None.

Module NWXTSOPC

NETP066I **----------CONFIGURATION FOR LINK {llllllll}----------**
ADJHOST({xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx})
ADJNODE({xxxxxxxx}) INETADDR({xxx.xxx.xxx.xxx})
KEEPALIV({x}) MULTSESS({x}) PSTATS({x})
RSTATS({x}) SAF({x}) SENDTIME({xxxxxxx})
STATINT({xxxxxxx}) TRACESIZ({xxxxxxx})

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.

User Action None.

Module NWXTSOPC

NETP067I CONFIGURATION FOR DRIVER TCPX
ACCEPTUI({x}) API({api}) APITRACE({x,x,x,x,x,x,x,x,x,x})
CONNQUE({n}) DRVCHAR({x}) DRVNAME({name}) KEEPALIV({x})
MULTSESS({x}) PSTATS({x}) RESTART({xxxxx,xxxxx}) RSTATS({x})
SERVERID({serverid}) STATINT({seconds}) SUBSYS({subsys})
TRACE({x}) TRACELEV({x,x,x,x,x,x,x,x,x,x}) TRACESIZ({bytes})
USERID({userid})
OPTIONS1({xxxxxxxx,xxxxxxxx,xxxxxxxx,xxxxxxxx,xxxxxxxx
xxxxxxxx,xxxxxxxx,xxxxxxxx,xxxxxxxx,xxxxxxxx})
OPTIONS2({xxxxxxxx,xxxxxxxx,xxxxxxxx,xxxxxxxx,xxxxxxxx})
IP VERSION 6 ALLOWED={x}, SUPPORTED={x}
CURRENT SIZE OF CLIENT TABLE (NUMUSERS){n}

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.

User Action None.

Module NWXTSOPC

NETP502W UNABLE TO ALLOCATE CONNECT QUEUE ENTRY

Explanation All connect queue entries are in use.

User 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.

User 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 NWTCPCNS

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.

User 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.

User 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 VSE GETVIS call. For more information, refer to the appropriate VSE documentation.

User 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 NWTCPCNS

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.

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

Module NWTCPCNS

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 VSE GETVIS call. For more information, refer to the appropriate VSE documentation.

User 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 NWTCPCNS

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.

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

Module NWTCPCNS

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 VSE GETVIS call. For more information, refer to the appropriate VSE documentation.

User 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 NWTCPCNS

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.

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

Module NWTCPCNS

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 VSE GETVIS call. For more information, refer to the appropriate VSE documentation.

User 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 NWTCPCNS

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.

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

Module NWTCPCNS

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 VSE GETVIS call. For more information, refer to the appropriate VSE documentation.

User 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, corrrect 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 NWTCPCNS

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.

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

Module NWTCPCNS

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 VSE GETVIS call. For more information, refer to the appropriate VSE documentation.

User 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 NWTCPCNS

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.

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

Module NWTCPCNS

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 VSE documentation.

User 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 NWTCPCNS

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.

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

Module NWTCPCNS

NETP600I xxxxxxxx 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.

User 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**.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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 *Entire Net-Work Administration Guide*

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.

User 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.

User Action Issue the TRACE and SNAP operator commands for the line driver.

For more information, see the section *Entire Net-Work Operator Commands* in the *Entire Net-Work Reference Guide*. 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.

User 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.

User 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.

User Action Issue the TRACE and SNAP operator commands for this driver.

For more information, see the section *Entire Net-Work Operator Commands* in the *Entire Net-Work Reference Guide*. 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.

User Action Issue the TRACE and SNAP operator commands for this driver. For more information, see the section *Entire Net-Work Operator Commands* in the *Entire Net-Work Reference Guide*. 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.

User Action Issue the TRACE and SNAP operator commands for this driver. For more information, see the section *Entire Net-Work Operator Commands* in the *Entire Net-Work Reference Guide*. Then contact your Software AG technical support representative.

Module NWTCPHPS

NETP700I {xxxxxxxx} ERROR NUMBER {nnnnn} REASON {rrrrrrrr} SOCKET {sssss}
{xxxxxxxx} AIOCB ERRNUM {nnnnn} REASON {rrrrrrrr} SOCKET {sssss}

Explanation A call to the IBM TCP/IP stack failed for function *xxxxxxxx*. The error number nnnnn and the reason code *rrrrrrrr* indicate the reason the call failed, while *sssss* 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.

User 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**.

User 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.

User 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.

User 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

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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 GETSOCKOPTfunction is used to determine the maximum message size that can be sent. **NETP700I** will provide an error number that indicates why it failed.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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 *Entire Net-Work Administration Guide*

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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User Action Issue the TRACE and SNAP Entire Net-Work commands for this driver. Then contact your Software AG technical support representative.

Module NWTCPOES

NETP800I ACT ARRAY ALLOCATED AT xxxxxxxx

Explanation The Simple Connection Line Driver's Active Client Table (ACT) array was allocated at the indicated address. This message is issued at initialization, and also if the ACT array is expanded.

User 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:

- shortage of storage
- exceeding the total number of clients allowed (32767)
- internal error

User 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.

User 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.

User 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.

User 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.

User 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.

User Action Correct the NUMUSERS value.

Module NETTCPX

NETP807E CONNECT COMMAND NOT ALLOWED WITH TCPX DRIVER

Explanation The CONNECT command is not allowed with the Simple Connection Line Driver. Connect processing is handled automatically when a client initiates.

User Action None required. This message is informational only.

Module NETTCPX

NETP808E CLIENT xxxxx IS NO LONGER ACTIVE; UNABLE TO SEND REPLY

Explanation Client *xxxxx* was terminated before the current reply could be sent back, where *xxxxx* is the ACT index and the rightmost two bytes of the Context ID in the A1 message header. This can happen if the client times out or otherwise terminates while Entire Net-Work is processing a reply for that client.

User Action If the client did not legitimately time out or terminate, obtain traces and contact your Software AG technical support representative.

Module NETTCPX

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 TCPX links in place of NET0110. It is written only to DDPRINT/NETPRNT, not the console.

Normal processing continues and the newly connected link can be used for message traffic.

User Action None required. This message is informational only.

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:

- The node 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 TCPX links in place of NET0107. 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.

User Action Correct the error, if required,and retry the application.

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.

User 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.

User 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.

User 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.

User 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.

User Action Correct the FIND parameter using the following syntax:

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

Module NETPFIL2

NETU006E -- INVALID OFFSET SPECIFIED ON FIND

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

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

Module NETPFIL2

6 Software AG Internal Transport Subsystem Messages

The Software AG internal transport subsystem Messages and Codes documentation provides information for each warning and error message that you can encounter using the internal transport subsystem of Software AG products.

This documentation is organized as follows:

Warnings	Provides the message ID, message text, and a brief explanation for each warning message.
Errors	Provides the message ID, message text, and a brief explanation for each error message.
Generic TCP/IP Messages	Lists the message ID and message text for each generic TCP/IP error. For complete information on the TCP/IP error conditions, refer to your TCP/IP documentation.

Note: The internal component API returns warnings as positive values and errors as negative values.

Warnings

XTS0000W XTS Success

Explanation The transport subsystem processing completed successfully.

XTS0001W XTS No LISTEN has been issued

Explanation A server has only XTSconnect entries and no XTSlisten. It is possible for a server to connect only to a proxy, and the warning helps applications determine if XTSlisten is missing.

XTS0003W XTS Load message file failed

Explanation The transport subsystem failed to load the *XTS.MSG* file. This file contains text for the error messages; there is an internal table also, so *XTS.MSG* is not mandatory.

XTS0004W XTS Client already registered

Explanation Multiple `XtsBindClient` calls occurred for the same client. Only the first call is considered.

XTS0005W XTS More data

Explanation The receive buffer defined by a transport subsystem send and wait call is not big enough to get all data received by the transport subsystem. A subsequent call has to be made to receive all data.

XTS0006W XTS No SSL random file warning

Explanation There is no random file defined for a transport subsystem/Secure Sockets Layer (SSL) application; a random file usage by SSL is highly recommended.

XTS0007W XTS Notify connect

Explanation This is a receive callback notification for an incoming connection.

XTS0008W XTS Notify disconnect

Explanation This is a receive callback notification for a disconnection.

XTS0009W XTS Notify chirp

Explanation This is a receive callback notification for a chirp.

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 unchirp

Explanation This is a notification to the callback routine submitted by XtsRegisterByTargetName or XtsRegisterByTargetId indicating an unchirp message was received from another node.

Errors

XTS0050E XTS Semaphore Error

Explanation A failure to create a semaphore occurred. Contact Software AG customer support.

XTS0051E XTS Memory Allocation Error

Explanation A failure to allocate memory occurred. Contact Software AG customer support.

XTS0052E XTS Server already registered

Explanation The transport subsystem server is already registered.

XTS0053E XTS Incorrect URL

Explanation A URL with a syntax error was encountered. Check the Directory Server repositories.

XTS0054E XTS Failure Loading Protocol Handler

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

XTS0055E XTS Protocol Init failed

Explanation A protocol initialization failure occurred. Contact Software AG customer support.

XTS0056E XTS Invalid protocol type

Explanation The specified protocol is not supported by the transport subsystem. This is possibly and error in URL syntax.

XTS0057E XTS Listen Failed

Explanation A listen failed. Check the log file for protocol-specific errors. This is caused mostly by trying to listen on a port taken by another server.

XTS0058E XTS Accept Failed

Explanation The accept failed. Check the log file for protocol-specific errors.

XTS0059E XTS Connect Failed

Explanation The connect failed. Check the log file for protocol-specific errors.

XTS0060E XTS No directory information

Explanation No XTSaccess information is provided for the server to which the application wants to connect. Please add a target definition through the Directory Server.

XTS0061E XTS Failure to create a thread

Explanation A failure to create a thread occurred. Contact Software AG customer support

XTS0062E XTS Timeout error

Explanation A failure to connect or send data in the time set by the user occurred. To complete the connect or send, repeat the call or increase the timeout value.

XTS0063E XTS Send Failed

Explanation A completion code is returned to the send callback routine when send fails. Check the log file for the protocol-specific error code.

XTS0064E XTS Invalid reference

Explanation An invalid message reference was passed by the user.

XTS0065E XTS Send incomplete

Explanation A send was interrupted by a client disconnection.

XTS0066E XTS No such server

Explanation A nonexistent server name was passed by the user. It applies to the transport subsystem statistics and dumps calls.

XTS0069E XTS Resolve Target failed

Explanation The client failed to send a handshake message to the server; Error caused by the server going down or a protocol send error.

XTS0070E XTS Resolve Target Reply failed

Explanation The server failed to reply to the client during handshaking. This error is caused by the client going down or by a protocol send error.

XTS0071E XTS Target cannot be resolved

Explanation The client failed to resolve the target name. This error is caused by different names used by the server and the client but with the same address.

XTS0072E XTS Not initialized

Explanation The transport subsystem call was submitted before the transport subsystem was initialized. Errors were returned by XtsShutdown, XtsSendMessageByRT, and the transport subsystem statistics call.

XTS0073E XTS Bind Client failed

Explanation The client bind failed because of a protocol send error or because the server went down.

XTS0074E XTS Too many user threads

Explanation The number of user threads in existence reached the maximum (64). Stop creating new user threads or reduce their time to live (timeout).

XTS0075E XTS Created thread failed

Explanation The transport subsystem failed to create a new user thread. This is an SMP error, possibly because of the limitations of the number of threads that a system can support. Contact Software AG customer support.

XTS0077E XTS Conversion failed

Explanation The conversion between wide character and MBNS failed. Contact Software AG customer support.

XTS0078E XTS No Target Name

Explanation The target name is a zero pointer. Pass a valid string.

XTS0079E XTS No Client Name

Explanation The client name is a zero pointer. Pass a valid string.

XTS0082E XTS Zero Length not accepted

Explanation The length of the data to be sent is zero, Make the length a positive number.

XTS0083E XTS Target ID Out of Range

Explanation The target ID value is bigger than "2113929215".

XTS0084E XTS Channel Inactive

Explanation The server-client connection was no longer active when XtsSendByRt or XtsBindClient were called. This error is generated by a client going down during the call.

XTS0085E XTS Disconnect message

Explanation A client or server disconnection was detected during a transport subsystem call.

XTS0086E XTS Hash table error

Explanation An internal transport subsystem hash table error occurred. Contact Software AG customer support.

XTS0087E XTS Thread key error

Explanation An allocate/delete thread memory failure occurred. Contact Software AG customer support.

XTS0088E XTS No CONNECT or LISTEN has been issued

Explanation A server registration failed to submit at least one listen or connect. Check the XTSlisten or XTSconnect URL parameters.

XTS0089E XTS Protocol not supported

Explanation An attempt was made to use XtsBindClient over the RAW or XTSDS protocol. This feature is not supported.

XTS0090E XTS Single Thread not supported

Explanation This error code is returned when the transport subsystem call does not support the single thread feature. Examples include `XtsRegisterServerByName`(ID) and `XtsGiveThread`.

XTS0094E XTS Zero pointer

Explanation A zero pointer was passed by the user. This is an invalid value.

XTS0095E XTS Hash table full

Explanation An internal transport subsystem hash table error occurred. Contact Software AG customer support.

XTS0096E XTS Send User Exit failed

Explanation The user exit send routine failed. Check the user exit code.

XTS0097E XTS Recv User Exit failed

Explanation The user exit receive routine failed. Check the user exit code.

XTS0098E XTS Load User Exit failed

Explanation The transport subsystem failed to load the user exit library. Check the environment or the user exit routine names.

XTS0100E XTS Shutdown in process

Explanation This error code is returned when the transport subsystem is in shutdown mode (because XtsShutdown was called by another thread).

XTS0101E XTS Route Timeout

Explanation The proxy cannot deliver the message because the route timeout was insufficient. Change the route timeout.

XTS0102E XTS Route Table overflow

Explanation The proxy cannot deliver the message because of a route table overflow. Repeat the transport subsystem call.

XTS0103E XTS Route TTL expired

Explanation The proxy cannot deliver the message because the route time to live was insufficient. Change the time to live time.

XTS0104E XTS Route failed

Explanation The proxy cannot deliver the message because of a route failure. Repeat the transport subsystem call.

XTS0105E XTS Null parameter

Explanation A null parameter is encountered when a notify callback routine registration is called.

XTS0106E XTS Connection Rejected

Explanation The connection was rejected by the notify callback routine.

XTS0107E XTS Replica redirected

Explanation The connection was redirected by the callback routine.

XTS0108E XTS timeout - connect in progress

Explanation A timeout error occurred, but connection is in progress. Submit the call again or increase the timeout value.

XTS0109E XTS invalid session

Explanation An invalid session handle was used by the transport subsystem session calls.

XTS0110E XTS invalid key

Explanation An invalid session handle was used by the transport subsystem session calls.

XTS0111E XTS Count converters failed

Explanation The count of available converter names failed.

XTS0112E XTS Convert enum failed

Explanation The enumeration of text converter names failed.

XTS0113E XTS Buffer too small

Explanation The text conversion buffer is not big enough..

XTS0114E XTS No more ports available

Explanation No replicated server ports are available .

XTS0115E XTS Text converter library load failed

Explanation The load of the transport subsystem converter ending failed.

XTS0116E XTS Text converter resolve failed

Explanation The text converter interface function could not be resolved.

XTS0117E XTS Name to EDDkey map failed

Explanation The ICU converter name to Software AG ECS EDD key conversion failed..

XTS0118E XTS XDS library loading failed

Explanation The XDS library used by ADVDIR could not be loaded.

XTS0119E XTS DS access time out error

Explanation A timeout occurred accessing the Directory Server (the default timeout is one minute).

XTS0120E XTS Failed to set ECS environment

Explanation A failure occurred when setting the ECS environment.

XTS0121E XTS Set UDP Port failed

Explanation The UDP port selected by user cannot be used (because it is used by another application).

XTS0122E XTS Sync and async send in raw mode not allowed

Explanation Using synchronous and asynchronous calls on the same channel is not allowed.

XTS0123E XTS Unknown received buffer

Explanation The transport subsystem received an unknown buffer from an application.

XTS0124E XTS Function retired

Explanation The transport subsystem function is not supported any longer.

XTS0126E XTS invalid duplicate server

Explanation This error is generated when the same server is registered again with a different protocol than the one used when it was first registered.

XTS0127E XTS Fatal error

Explanation An internal error occurred, indicating a severe transport subsystem code problem. Contact Software AG customer support.

XTS0128E XTS Load library failed

Explanation The transport subsystem failed to load a library (the log file indicates which one).

XTS0129E XTS Key not found

Explanation The key used to retrieve transport subsystem parameters does not exist.

XTS0130E XTS Xts.Config Key not found

Explanation The key used by the user to retrieve transport subsystem parameters from *xts.config* file does not exist.

XTS0131E XTS No directory information for XTS profile

Explanation The profile is not defined in the Directory Server.

XTS0132E XTS Load function failed

Explanation A failure occurred loading a function (the name of the function and the name of the library are in the log file).

XTS0150E XTS SSL init failed

Explanation The transport subsystem failed to initialize the Secure Sockets Layer (SSL) library. Check the log file for the SSL error messages.

XTS0151E XTS SSL Verify CA locations failed

Explanation The Secure Sockets Layer (SSL) failed to load the CA certificates. Probable causes include an invalid path specification or nonexistent CA certificates.

XTS0152E XTS SSL Certificate file not specified

Explanation No Secure Sockets Layer (SSL) certificate was specified.

XTS0153E XTS SSL Invalid Certificate

Explanation The URL-specified Secure Sockets Layer (SSL) certificate has an invalid format.

XTS0154E XTS SSL Invalid Key File

Explanation The URL-specified Secure Sockets Layer (SSL) key file has an invalid format.

XTS0155E XTS SSL Invalid Key

Explanation The Secure Sockets Layer (SSL) key specified by the user is invalid.

XTS0156E XTS SSL Connect failed

Explanation A Secure Sockets Layer (SSL) connect failed (caused by an SSL handshaking error). Check the log file for the Secure Sockets Layer (SSL) error messages.

XTS0157E XTS SSL Accept failed

Explanation A Secure Sockets Layer (SSL) accept failed (caused by an SSL handshaking error). Check the log file for the SSL error messages.

XTS0158E XTS SSL Read failed

Explanation A Secure Sockets Layer (SSL) read failed. Check the log file for the SSL error messages.

XTS0159E XTS SSL Write failed

Explanation A Secure Sockets Layer (SSL) write failed. Check the log file for the SSL error messages.

XTS0163E XTS SSL Failed loading library

Explanation A failure to load the Secure Sockets Layer (SSL) library occurred. Check the environment.

XTS0167E XTS SSL Illegal host name

Explanation The peer certificate subject name and host name are different, indicating an illegal connection.

XTS0168E XTS SSL No local certificate

Explanation There is no local Secure Sockets Layer (SSL) certificate.

XTS0169E XTS SSL No remote certificate

Explanation There is no local Secure Sockets Layer (SSL) certificate.

XTS0170E XTS SSL insufficient user memory

Explanation There is insufficient user memory for returning the requested data.

XTS0171E XTS SSL certificate rejected

Explanation The certificate was rejected during verification.

XTS0172E XTS SSL zero length message return

Explanation The Secure Sockets Layer (SSL) write or read routines returned an invalid zero value. Contact Software AG customer support.

XTS0173E XTS SSL want read error

Explanation The Secure Sockets Layer (SSL) write routine returned want read error code. Contact Software AG customer support. This is a transport subsystem internal sequence error.

XTS0174E XTS SSL want write error

Explanation The Secure Sockets Layer (SSL) read routine returned want write error code. Contact Software AG customer support. This is a transport subsystem internal sequence error.

XTS0200E DS Open File failed

Explanation A failure to open a file occurred. Check if the file exists and that the path is correct.

XTS0201E DS Incomplete Entry

Explanation A URL syntax error occurred. Check the log file for detailed information.

XTS0203E DS Service not provided

Explanation An invalid Directory Service selection was made.

XTS0204E DS Null parameter

Explanation A Directory Service call was encountered with a null parameter.

XTS0205E DS Incomplete Entry

Explanation An attempt to add an incomplete URL record was made.

XTS0207E DS Unknown request

Explanation An unknown XTSDS request was encountered. Check the syntax of the Directory Server call.

XTS0209E DS Delete Failed

Explanation A Directory Service delete call failed. Check the log file for detailed information.

XTS0214E DS Already Exists

Explanation An attempt was made to add a record that already exists.

XTS0215E DS Failure Loading Service Handler

Explanation A failure occurred loading a directory service. Check the environment. Contact Software AG customer support.

XTS0218E DS Invalid target Name

Explanation The target name contains one of the following characters: "#", ".", "[", "]", "=", "\", "\", or "*". The target name is invalid.

XTS0219E DS Incomplete request

Explanation An incomplete XTSDS request was caused by a zero value of the target, qualifier, or user data.

XTS0220E DS No URL entries

Explanation The XTSDS server does not have any URL to return for the retrieve call.

XTS0221E DS XDS error

Explanation An XDS processing error occurred..

XTS0222E DS Rollback is not implemented

Explanation No Directory Service rollback was performed..

XTS0223E DS OVO error

Explanation An OVO error occurred during Directory Service processing.

XTS0224E DS One time set violation

Explanation A one-time setting function was called multiple times. A programs encoding mode cannot change once it is set.

XTS0225E DS Encoding conflict

Explanation The INIDIR file encoding conflicts with programs encoding.

XTS0226E DS Create file failed

Explanation The file creation failed during Directory Service processing..

XTS0227E DS IO file failed

Explanation A file I/O error occurred during Directory Service processing.

XTS0228E DS Wrong file format`

Explanation The INIDIR file format was not recognized.

XTS0229E DS Send buffer bigger than maximum allowed

Explanation An internal transport subsystem error occurred, generated when a URL is added or deleted from the Directory Server and its size exceeds 65520 bytes.

XTS1000E XTS Unknown error = {code}

Explanation This message is returned by XtsGetMessage when it cannot find text for a given error code.

Generic TCP/IP Messages

XTS1001E TCP/IP Operation not permitted

Explanation This is where the explanation goes.

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

A Entire Net-Work Abend Codes

The abend (abnormal end) codes described in this document are issued primarily by Adabas modules operating with Entire Net-Work. Entire Net-Work itself issues only the abend code 253 to indicate an abnormal termination occurred. The specific termination information is given in the messages written to the print data set.

The following abend codes are identical to the Adabas Abend Codes listed in the *Adabas Messages and Codes* manual:

Code	Module	Explanation
214	MPMGCS	UNSUCCESSFUL STATE
215	MPMGCS	INVALID OPERATING SYSTEM
216	MPMGCS	INVALID FUNCTION
221	MPMDOS	INVALID OPERATING SYSTEM
222	MPMDOS	INVALID FUNCTION
227	MPMBS2	WRONG ADARER MODULE FOUND
228	MPMBS2	STXIT NOT SUCCESSFULLY INSTALLED
229	MPMBS2	INVALID FUNCTION
230	MPMBS2	INVALID ROUTER 40-CALLER
231	MPMBS2	CALLER NOT CORRECT TARGET
232	MPMBS2	INVALID IDT
247	MPMMVS	UNSUCCESSFUL STAE
248	MPMMVS	INVALID OPERATING SYSTEM OR RMODE
	MPMF4	INVALID OPERATING SYSTEM, RMODE, OR CID GETMAIN FAILED
249	MPMMVS	INVALID FUNCTION
252	IORSUB	ADABAS SUBTASK ABEND. See the ADAM90 message

Code	Module	Explanation
253	MPMIND	NONRECOVERABLE ABEND (caused by STAE/STXIT processing program check or nucleus ABEND)
254	MPMIND	INVALID FUNCTION IN ABNORMAL TERMINATION RECOVERY EXIT
255	MPMIND	INVALID FUNCTION
443	RTRGCS	INVALID 40-CALLER
444	RTRGCS	CALLER NOT CORRECT TARGET
445	RTRGCS	NO IDT
446	RTRGCS	CALLER NOT AUTHORIZED
447	RTRGCS	INVALID 48-CALL PARAMETERS
448	RTRGCS	INVALID 00-CALL PARAMETERS
449	RTRGCS	INVALID OPERATING SYSTEM
450	RTRGCS	INVALID FUNCTION
451	LNKGCS	UNSUPPORTED FUNCTION
452	LNKGCS	INVALID UB
453	LNKGCS	LENGTH OF USER INFO LT (less than) 0
454	LNKGCS	ERROR IN LINK INITIALIZATION ROUTINE
455	LNKGCS	INCORRECT ROUTER VERSION
456	LNKGCS	USER EXIT BEFORE CALL INCREASED LENGTH OF USER INFO
485	LNKBTO	UNSUPPORTED FUNCTION
486	SVCMVS	INVALID PCR04 CALL
487	SVCMVS	CALLER NOT CORRECT TARGET
488	SVCMVS	INVALID PCR16 CALL
489	SVCMVS	INVALID 48-CALL PARAMETERS
490	SVCMVS	INVALID 40-CALLER
491	SVCMVS	SVC 12-CALL WITHOUT 16-CALL REQUIRED
492	SVCMVS	ACTIVE DORMANT LX
493	SVCMVS	INVALID 00-CALL PARAMETERS
494	SVCMVS	CALLER NOT AUTHORIZED
495	SVCMVS	INVALID OPERATING SYSTEM
496	SVCMVS	NO IDT
497	SVCMVS	INVALID FUNCTION
498	LNKBTO	INVALID UB
499	LNKBTO	LENGTH OF USER INFO LESS THAN ZERO
500	LNKBTO	ERROR IN LINK INITIALIZATION ROUTINE
501	LNKBTO	INCORRECT ROUTER VERSION

Code	Module	Explanation
502	LNKBTO	USER EXIT BEFORE CALL INCREASED LENGTH OF USER INFO
510	SSFENV	SSF INITIALIZATION ERROR
547	IOROS	NOT MVS/ESA OR z/OS SYSTEM; RMOD IS NOT 24; OR AMODE 31 IS NOT ALLOWED
549	IOROS/ IORGCS	DLECB ERROR
550	IOROS	QEDIT (BLOCK) ERROR
559	IOROS	INCORRECT SVC VERSION
560	IOROS	MAXIMUM BLOCKS/TRACK > MINIMUM, I/O ERROR, GLOBAL SEQUENTIAL BLKSIZE TOO BIG, OR INVALID NUMBER (ECBS)
561	IOROS/ IORGCS	EVENTS ERROR
562	IOROS	PROGRAM LOADED ABOVE 16MEG
563	IORBS2	INVALID TDCE FOUND DURING ADAIOR INIT
564	IORBS2	FAILURE TO LOAD ADAIOI OR AT (when trying to) ENABLE CONTROL EVENT NAME
565	IORBS2	ECB LIST OVERFLOW
566	IORBS2	INVALID SOLSIG RETURN CODE
567	IORBS2	DDSCAN ERROR
570	IORBS2	CHKIO ERROR
571	IORBS2	INVALID ECB TYPE
575	IORBS2	ADARUN NUCLEUS EXTENSION NOT FOUND
576	IORBS2	INSUFFICIENT STORAGE FOR DATA AREA
583	IOROS	QEDIT (CIBCTR) ERROR
585	SVCMVS	PRB CANNOT BE FOUND
587	MGABTO	LOAD ERROR
588	MGABTO	ADAMAI ERROR
590	IORCMS	MAXIMUM BLOCKS/TRACK > MINIMUM, I/O ERROR
591	IORDOS	EVENTS ERROR
592	IORDOS	GETDVS ERROR
593	IORDOS	IVST ERROR
595	IORDOS	EXTRACT ERROR
596	IORDOS	GETLBL ERROR
597	IORDOS	TOPMSG ERROR
598	IOROS/ IORGCS	ADECB ERROR
599	IORDOS	ADECB ERROR .

Code	Module	Explanation
600	IORDOS	DLECB ERROR
601	IORDOS	SUBSID ERROR, INVALID VERSION, OR ADAIOI COULD NOT BE LOADED
602	IORDOS	CKTDC ERROR
603	IORDOS	GLOBAL SEQUENTIAL BLOCKSIZE TOO BIG OR INVALID NUMBER (ECBS)
604	IORDOS	GETTVS ERROR
605	IORDOS	INVALID PRINTER DEVICE
606	LNKBS2	UNSUPPORTED FUNCTION
607	LNKBS2	INVALID UB
608	LNKBS2	LENGTH OF USER INFO (LESS THAN) 0
609	LNKBS2	INCORRECT ROUTER VERSION
610	LNKBS2	USER EXIT BEFORE CALL INCREASED LENGTH OF USER INFO
611	LNKBS2	WAIT ERROR
612	RERBS2	NO IDT (identification table)
613	RERBS2	INVALID FUNCTION
614	SVCDOS	INVALID FUNCTION VIA CALLER
615	SVCDOS	NO IDT (identification table)
616	SVCDOS	INVALID 00-CALL PARAMETERS
617	SVCDOS	INVALID 40-CALLER
618	SVCDOS	CALLER NOT CORRECT TARGET
620	IORIND	IOR FATAL ERROR
621	IORIND	PLOG SIZE ALTERATION ERROR
622	LNKxx	INVALID SAVE AREA IN UB (UEXITB) SAVE area (USERSAV) in the Adabas link routine was less than 72 bytes and User Exit A/B was invoked.
627	IORGCS	NO VIRTUAL CONSOLE
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