

Entire Net-Work Messages

This document covers the following topics:

- Entire Net-Work Control Module Messages
- Expandable Buffer Pool Messages
- SMH Line Driver Messages
- ADAIOR Messages
- ADAMPM Messages
- Simple Connection Line Driver Operator Messages
- Batch Utility Program Messages

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*.

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: aaaaaaaaa

Explanation The statement verb, aaaaaaaaa, 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: aaaaaaaaa

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: aaaaaaaaa 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 aaaaaaaaa 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* 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: aaaaaaaaa

Explanation The value aaaaaaaaa 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.

NET0007I DUPLICATE aaaaaaaaa DRIVER STATEMENT

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

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: aaaaaaaaa

Explanation More values than expected were coded for the multiple-value keyword parameter aaaaaaaaa. 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* for the allowed parameter values.

NET0010I REQUIRED PARAMETER NOT SPECIFIED: aaaaaaaaa nnn

Explanation The keyword or positional parameter aaaaaaaaa 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* 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: aaaaaaaaaa

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*.

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 yyyy

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*.

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 mmmmmmmmmmm 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*.

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*.

NET0087I nnnnnnnnnnn 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 nnnnnnnnnnn 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 nnnnnnnnnnn 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 nnnnnnnnnnn 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*.

NET0093I nnnnnnnnnnn 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*.

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 aaaaaaaaa DRIVER OPEN FAILED (RC=nn)

Explanation The line driver aaaaaaaaa 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 aaaaaaaaa (aaaa) OPEN FAILED (RC=nn)

Explanation The link aaaaaaaaa (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 aaaaaaaaa (aaaa) CONNECT FAILED

Explanation The link aaaaaaaaa (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*.

NET0106I LINK aaaaaaaaa CAN'T CONNECT TO NODE bbbbbbbb reason

Explanation Handshaking could not be completed to node bbbbbbbb via link aaaaaaaaa 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 aaaaaaaaa 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*; 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.

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*.

NET0120I aaaa LINK bbbbbbbb TO NODE cccccc STAT=sssss

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, *ccccc* is the name of the node on the other side of the link, and *sssss* 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 (*ccccc* 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*) and lll is the number of links between this Entire Net-Work node and node aaaaaaaa. cccccc 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 nnnnnn 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: aaaaaaaaaa

Explanation An invalid argument aaaaaaaaaa 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*.

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*.

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*.

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*.

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*.

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*.

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*.

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*.

NET0154I LINK xxxxxxxx USER EXIT DETECTED ON PARTNER SYSTEM

Explanation A message was received on link xxxxxxxx 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*.

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. 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*). .

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 tttt

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

System Action The link is disconnected.

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

NET0322I NODE dddddd.aaaaaaa (bbbb) DIST nnnnnn (lll) VIA ccccccc

Explanation This message replaces the corresponding form of NET0122, when a node is listed that has a non-blank domain name. Also see the DOMAIN parameter in the section *NODE Statement Parameters*.

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 aaaaaaaaa ABNORMAL END

Explanation This is an informational console message indicating that abnormal termination procedures have been started.

NET0999I Entire Net-Work NODE aaaaaaaaa TERMINATING

Explanation This is an informational console message indicating that normal termination procedures have been started.

NET1000I Entire Net-Work NODE aaaaaaaaa 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.

Expandable Buffer Pool Messages

NETB001I **STATISTICS FOR BUFFER POOL *nnnn* LOC = *llll***

Explanation One of a group of messages generated in response to the DISPLAY STATS operator command or the end of an Entire Net-Work session. It provides the name of the buffer pool (*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*, *xxxxxxx*, *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 (*xxxxxxx*) 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 = *ccccccc***

Explanation One of a group of messages generated in response to the DISPLAY STATS operator command or the end of an Entire Net-Work session. It provides the highest storage allocation (*hhhhhhhh*), the current storage allocation (*ccccccc*), 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*, *ccccccc*, *lllllll*), Sz=*sssssss***

Explanation One of a group of messages generated in response to the DISPLAY STATS operator command or the end of an Entire Net-Work session. It describes an element for a specific subpool. It provides the base (*bbbbbbbb*), highest (*hhhhhhhh*), current available (*ccccccc*) and lowest (*lllllll*) number of elements as well as the element size (*sssssss*) in bytes.

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

NETB011I **STR = (*bbbbbbbb*, *hhhhhhhh*, *ccccccc*, *lllllll*) K**

Explanation One of a group of messages generated in response to the DISPLAY STATS operator command or the end of an Entire Net-Work session. It describes the storage environment of a specific subpool. It provides the base (*bbbbbbbb*), highest (*hhhhhhhh*), current available (*ccccccc*) and lowest (*lllllll*) 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.

SMH Line Driver Messages

NETH002W ERROR DURING SEND RC=(xx) LINK=//

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 ===== 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 SENDTIME= is too small for practical purposes, increase it to allow sends to complete without error. If the value specified for SENDTIME= is appropriate, follow normal TCP/IP network debugging procedures to determine why TCP messages are not arriving at their destinations within the time limit.

Module NETSMH

NETH004W ERROR DURING CONNECT RC=(xx) LINK=====

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=====

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 @ dddddd NETSMH @ mmmmmmmmm**

Explanation Initialization of the NETSMH driver has begun. The driver control block is located in storage at address *ddddddd* and the NETSMH module itself is located at address *mmmmmmmmmm*. 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 mmmmmmmmm LOADED**

Explanation The Entire Net-Work SMH API module *mmmmmmmmmm* was loaded into virtual storage at address *vvvvvvvvv*. 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 .

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=///////

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 *lllllll*

Explanation Link *lllllll* 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 *lllllll*

Explanation A message received on link *lllllll* 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 *lllllll* TRACE, where *lllllll* 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 *lllllll*

Explanation Connection establishment negotiations took place on link *lllllll*, 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 .

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

ADAIOR Messages

NETI02 GETMAIN mmmmmmmm (sssss)

Explanation The first form of the message is written whenever memory is dynamically acquired and the requested memory is available. The second form of the message is written whenever memory is dynamically acquired and less than the requested memory is available. In the messages, 'mmmmmmm' is the amount of memory requested; 'aaaaaaa' is the amount of memory available; and 'sssss' (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*. 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.

ADAMPM Messages

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 <i>nodeid</i>	In Entire Net-Work, target (database) IDs must be unique across all connected systems. Determine the conflicting targets having the specified node ID, and choose which is to be active under the specified ID. Duplicate target IDs cannot be active on systems connected with Entire Net-Work.
NUMBER ATTBUFFS (NA-PARM)	The Attached Buffer count ('NAB' parameter in ADARUN) was either not specified or specified as zero, or the requested space is unavailable. Either correct the parameter or increase the region size. Restart the job.
COMMUNICATOR RSP= <i>code</i>	An unexpected response code resulted from the sign-on call to the Entire Net-Work communicator. Refer to the Adabas documentation for a description of the response code 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:

xxxxxxx 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 // HAS RESUMED PROCESSING**

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

User Action None.

Module NWTCPPOPC

NETP041W PROCESSING ON LINK *////////* HAS BEEN SUSPENDED

Explanation Message processing has been suspended on link *////////* 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 *////////* STATISTICS *xxxxxxx*

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

User Action None.

Module NWTCPOPC

NETP046W LINK ##### NOT ALTERED, BAD CONFIGURATION PARAMETERS

Explanation An attempt to alter the active configuration for link ##### or the TCPI driver has failed due to invalid parameter specifications in the command TCPI ##### ALTER xxxx, where ##### 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 NWTCPGPC

NETP047I LINK ##### 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 *////////* *xxxxxxxxxxxxxxxxxxxxxxxxxxxx*

Explanation This message is issued in response to an operator command that was sent to link or driver *////////*. 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 *////////*-----
 ADJHOST(*xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx*)
 INETADDR(*xxx.xxx.xxx.xxx*) LILNODE(*xxxxxxx*)
 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 *////////*. 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 *lllllll* STATE(*xxxxxxxxxxx*) MSGS SENT(*xxxxxx*)**

Explanation The current state of link or driver *lllllll* 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 *lllllll* STATUS command being issued.

User Action None.

Module NWTCPGPC

NETP062I **CONFIGURATION FOR DRIVER *dddd***
ACCEPTUI(*x*) API(*xxx*) APITRACE(*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(*xxx*)
TRACE(*xxx*) TRACELEV(*x,x,x,x,x,x,x,x,x*) TRACESIZ(*xxxxxxx*)
MULTSESS (*x*) USERID(*xxxxxxxxx*)
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 NWTCPGPC

NETP063I **STATISTICS FOR LINK *lllllll* OR DRIVER *ddddddd***

Explanation

```

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

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 *lllllll*-----**
ADJHOST(xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)
ADJNODE(xxxxxxx) **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 *lllllll*. 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)
CONNQUE(n) DRVCHAR(x) DRVNAME(name) KEEPALIV(x)
MULTSESS(x) PSTATS(x) RESTART(yyyyy,yyyyy) RSTATS(x)
SERVERID(serverid) STATINT(seconds) SUBSYS(subsys)
TRACE(x) TRACELEV(x,x,x,x,x,x,x,x) TRACESIZ(bytes)
USERID(userid)
OPTIONS1(yyyyyyyy,yyyyyyyy,yyyyyyyy,yyyyyyyy,yyyyyyyy
yyyyyyyy,yyyyyyyy,yyyyyyyy,yyyyyyyy,yyyyyyyy)
OPTIONS2(yyyyyyyy,yyyyyyyy,yyyyyyyy,yyyyyyyy,yyyyyyyy)
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 NWTCP CNS

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 NWTCPNS

NETP522W TCP RETURNED CONNECT ERROR - RC = xxxx

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

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

Module NWTCPNS

NETP531W TCP API ERROR ON SEND - RC = xxxx

Explanation There was an error in acquiring storage to perform a SEND call to the TCP/IP partition. RC is the return code from a 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 NWTCPDNS

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 NWTCPDNS

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 NWTCPDNS

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 NWTCPDNS

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 NWTCPDNS

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 NWTCPDNS

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, correct the value of the USERID parameter on the DRIVER statement to match the ID= subparameter of the PARM field for an active TCP/IP stack. With RC=16, additional allocation is required in the system GETVIS area in the SVA. For other values, contact your Software AG technical support representative.

Module NWTCPDNS

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 NWTCPDNS

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 NWTCPDNS

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 NWTCPDNS

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 NWTCPDNS

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 NWTCPDNS

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 NWTCPPHS

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 NWTCPPHS

NETP602E INVALID FUNCTION REQUESTED

Explanation An invalid request was made to the API.

User Action Contact your Software AG technical support representative.

Module NWTCPPHS

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 NWTCPPHS

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 NWTCPPHS

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 NWTCPPHS

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 NWTCPPHS

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 NWTCPPHS

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 NWTCPPHS

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 NWTCPPHS

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

Module NWTCPPHS

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 NWTCPPHS

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*. 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*. 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*. 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*. Then contact your Software AG technical support representative.

Module NWTCPHPS

NETP700I *xxxxxxx* **ERROR NUMBER** *nnnnn* **REASON** *rrrrrrrr* **SOCKET** *sssss*
xxxxxxx **AIOCB ERRNUM** *nnnnn* **REASON** *rrrrrrrr* **SOCKET** *sssss*

Explanation A call to the IBM TCP/IP stack failed for function *xxxxxxx*. 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 GETSOCKOPT function is used to determine the maximum message size that can be sent. NETP700I will provide an error number that indicates why it failed.

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

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.

Batch Utility Program Messages

NETU001E -- OPEN ERROR FOR xxxxxxxx

Explanation An error occurred while trying to open file xxxxxxxx (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 xxxxxxxx

Explanation An error occurred while trying to read from file xxxxxxxx (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 xxxxxxxx

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

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