

NETnnnn - Entire Net-Work Control Module Messages

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

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NET0001I STATEMENT TOO LONG

Explanation Entire Net-Work parameter statements, even though they may extend over multiple lines, may not be infinitely long. The current maximum for any one statement is approximately 4000 characters (not counting embedded comments).

System Action The statement in question is not interpreted; any statements following it are scanned for errors; session initialization is aborted after all statements have been read.

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

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

NET0002I INVALID STATEMENT: aaaaaaaa

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

System Action The statement in question is not interpreted; any statements following it are scanned for errors; session initialization is aborted after all statements have been read.

Note:

Errors reported in subsequent statements may result from this error.

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

NET0003I INVALID KEYWORD: aaaaaaaa

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

System Action The statement in question is not interpreted beyond this point; it and any statements following it are scanned for errors; session initialization is aborted after all statements have been read.

Note:

Errors reported in subsequent statements may result from this error.

User Action Ensure correct coding of recognized keywords; note that the set of valid keywords is likely to be different between access methods, and between DRIVER and LINK statements of the same access method.

NET0004I INVALID VALUE FOR KEYWORD: aaaaaaaa nnn

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

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

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

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

User Action Refer to the section *Entire Net-Work Parameter Statements* 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: aaaaaaaa

Explanation The names of all links on a node must be unique.

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

Note:

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

User Action Assign unique link names to all LINK statements on the node.

NET0018I ADAMPM CALL nn FAILED

Explanation An error occurred during interregion processing. Most likely, ADAMPM has also issued a NETMxx message to explain the problem; otherwise, an internal system error occurred. The call type is specified as nn.

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

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

NET0019I COMMAND QUEUE SPACE UNAVAILABLE

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

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

User Action Provide more storage in the partition or address space or reset the NC parameter value. Note that the amount of storage required for the command queue is usually small compared to the overall storage requirements of Entire Net-Work.

NET0020I UNRESOLVED VCONS IN DRIVER MODULE

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

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

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

NET0021I UNEXPECTED EVENT INDICATOR: xxxxxxxx

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

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

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

NET0022I ACM WORK BUFFER SHORTAGE

Explanation The access method working storage requests could not be satisfied by the line driver. This typically indicates an insufficient asynchronous buffer pool size.

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

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

NET0023I NODE STATEMENT MISSING

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

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

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

NET0024I NO DRIVER LOADED

Explanation After initialization, the number of successfully initialized line drivers is zero. With no active line drivers, there is no point in continuing the Entire Net-Work session.

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

User Action Verify that all line drivers and their environments have been installed correctly, and that all DRIVER statements have been coded accordingly.

NET0025I TRACE TABLE INIT FAILED, RC=nn

Explanation The requested trace table could not be initialized. RC=4 indicates that not enough storage was available; any other value indicates an internal error.

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

User Action If RC=4, either try to run with a smaller trace table or provide a larger partition or address space. If nn is other than 4, contact your Software AG technical support representative.

NET0026I INITIALIZATION FAILED

Explanation This is an informational message only, specific error conditions are described in preceding messages.

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

User Action Refer to the preceding messages for the reasons for the failure.

NET0027I HANDSHAKE BUFFER SHORTAGE (RC=nn)

Explanation There were not enough short-term buffers available to sustain the handshake process. It is highly unlikely that the present amount of buffer space is adequate to handle any message traffic.

Return code values other than 4 or 8 may indicate an internal problem and should be reported to your Software AG technical support representative.

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

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

NET0028I MESSAGE BUFFER SHORTAGE

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

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

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

NET0029I B1: TARGET xxxxx INIT ON UNKNOWN NODE yyyyy

Explanation A B1 broadcast message was received from an unknown node. This indicates an error condition in the internal network tables.

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

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

NET0031I INVALID LOG PARAMETER

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

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

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

NET0032I EXCESSIVE ECB COUNT IN DRIVER aaaa

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

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

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

NET0033I aaaa DRIVER REQUIRES PAGE-FIXED BUFFERS

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

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

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

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.

NET0042I LOCAL TARGET nnnnnn ACTIVE.

Explanation This message is issued for each new target that becomes activated when Entire Net-Work is active.

User Action No action is required for this informational message.

NET0043I LOCAL TARGET nnnnnn INACTIVE.

Explanation This message is issued for each new target that becomes deactivated when Entire Net-Work is active.

User Action No action is required for this informational message.

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 nnnnnnnnnnn 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 nnnnnnnnnnn 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 nnnnnnnnnnn 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 aaaaaaaa (aaaa) CONNECT FAILED

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

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

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

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

NET0105I ALL aaaa LINKS CLOSED BY ACCESS METHOD TERMINATION

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

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

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

NET0106I LINK aaaaaaaa CAN'T CONNECT TO NODE bbbbbbbb reason

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

Reason INV(ALID) LINK STATUS

Action The link received a handshake request from the other side that conflicted with the current link status. A handshake error message is sent to the other node, rejecting the request.

Reason REJECTED BY NODE

Action A handshake request was rejected by the other node; this may be due to network conflicts (see below), in which case messages NET0108 and NET0109 are issued to describe the conflict; if no such messages appear, the problem is probably caused by an invalid link status on the other side (see above).

Reason NETWORK CONFLICT

Action Handshaking determined that conflicts exist between the network topologies as seen by this node and node bbbbbbbb; therefore, a connection via link aaaaaaaa was not established. Messages NET0108 and NET0109 are also issued before this message, defining the conflicts. Note that the connection is physically functional, but cannot be used due to the conflicts.

System Action The link is disconnected.

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

NET0107I LINK aaaaaaaa DISCONN. FROM NODE bbbbbbbb

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

System Action The system continues processing without the link.

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

NET0108I CONFLICT: TARGET nnnnn ON NODE aaaaaaaa AND bbbbbbbb

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

**System
Action** The link is disconnected.

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

NET0109I CONFLICT: NODE aaaaaaaa

Explanation Node names must be unique throughout the network. If multiple nodes with the same name are detected during link connection, the duplicate link cannot be connected. Message NET0106 or NET0306 is issued after all detected conflicts have been listed.

**System
Action** The link is disconnected.

User Action Remove the conflict from the network by terminating and renaming the conflicting node(s). As an alternative, first try the PROBE operator command to verify if node aaaaaaaa is actually active, then issue the CONNECT operator command to resume handshaking.

NET0110I LINK aaaaaaaa CONNECTED TO NODE bbbbbbbb

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

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

NET0111I LINK aaaaaaaa CLOSED

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

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

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

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

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

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

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

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

NET0114I SNAP DUMP WRITTEN TO NETPRNT / DDPRINT

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

NET0115I OPERATOR COMMAND NOT RECOGNIZED

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

System Action The command is ignored.

User Action For the correct syntax, see the section *Entire Net-Work Operator Commands*; 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 ccccccc STAT=ssssss

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

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

NET0121I OUTPUT QUEUE: nnnn MSGS, mmmm TR.BLKS

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

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

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

NET0122I **NODE** *aaaaaaaa (bbbbbbbb)* **DIST** *nnnnnn (lll)* **VIA LINK** *cccccccc*

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

See the WEIGHT parameter in the section *Entire Net-Work LINK Statement*) for more information about link weights.

In the case of a DISPLAY NODES command, only the shortest path is shown; in this case, the local node is shown with the term LOCAL in place of the distance information.

Either a DISPLAY NODES command specifying a node name or a PROBE command can cause 'INACTIVE' or 'NOT FOUND' to be displayed in place of the link information. For a DISPLAY PATHS command, all paths to all nodes are displayed; that is; each node is listed once for each link which has a path to it.

The distance shown is the shortest path length via the link.

NET0123I **TARGETS:** *nnnnn,mmmmm, ... j* **NONE**

Explanation This message is issued in response to the DISPLAY NODES operator command. It lists the IDs of all targets currently active on the node named in the preceding message NET0122; the communicator's ID is not listed again in this message. The term NONE indicates that no targets except the communicator are active on that node.

NET0124I TARGET *nnnnn* (*tt* - *tr*) LOCKED | ACTIVE | INACTIVE ON NODE *aaaaaaaa*

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

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

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

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

NET0125I NO ACTIVE PATHS

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

NET0126I NO LINKS FOUND

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

Note:

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

NET0127I SET COMMAND ACCEPTED

Explanation This message is displayed to acknowledge a SET operator command.

NET0128I Entire Net-Work TERMINATING TARGET nnnnn DUE TO

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

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

User Action One of the conflicting targets may be started again.

NET0129I aaaa DRIVER OPENED

Explanation This message acknowledges the successful execution of a OPEN driver (or START driver) operator command. aaaa defines the access method of the driver that was restarted.

NET0130I aaaa DRIVER NOT OPENED

Explanation The CONNECT link operator command could not be executed because the associated line driver was not open. aaaa is the access method of the line driver.

System Action The command is ignored.

NET0131I aaaa DRIVER ALREADY OPEN

Explanation The START driver operator command could not be executed because the line driver is already open. aaaa is the access method of the line driver.

System Action The command is ignored.

NET0133 INVALID TRACE ARGUMENT: aaaaaaaa

Explanation An invalid argument aaaaaaaa was given for either the TRACE, TRON or TROFF parameter on the NODE statement or on a SET operator command. Valid trace arguments are 'MAIN' for the control module, 'BPM' for the buffer pool manager, 'TQM' for the Transmission Queue Manager, and 'RQM' for the Receive Queue Manager as well as the access method names of all loaded line drivers. For more information, see the section *Entire Net-Work Parameter Statements*.

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 aaaaaaaa ABNORMAL END

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

NET0999I Entire Net-Work NODE aaaaaaaa TERMINATING

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

NET1000I Entire Net-Work NODE aaaaaaaa ACTIVE

Explanation This is an informational console message indicating that the Entire Net-Work session has successfully completed initialization and is now ready for processing.

NET1001I **CURRENT DATE IS yyyy-mm-dd**

Explanation This message is displayed on the operator console and on the Entire Net-Work log data set at the beginning and end of a session as well as just after midnight. It helps to identify the exact time and date of any events recorded in the log.

NET1002I **NET-WORK NODE xxxxxxxx ACTIVE SINCE yyyy-mm-dd hh:mm:ss**

Explanation This message is issued in response to the operator command DISPLAY STATS. It shows the startup date and time of the local node xxxxxxxx.