NETnnnn: Control Module Messages

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

Overview of Messages

```
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| NET0328 | NET0333 | NET0998 | NET0999 | NET1000 | NET1001 | NET1002I
```

NET0001	**STATEMENT TOO LONG**

Explanation   Even though Entire Net-Work parameter statements may extend over multiple lines, they 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.

NET0002   **INVALID STATEMENT: statement-verb**

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

System   The statement in question is not interpreted; any statements following it are scanned
Action: 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.

NET0003   **INVALID KEYWORD: keyword**

Explanation   The specified keyword parameter was coded but is not recognized in this statement.

System   The statement in question is not interpreted beyond this point; it and any statements
Action: 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.

NET0004   **INVALID VALUE FOR KEYWORD: keyword 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, the parameter indicated was not correctly specified. *nnn* is specified for
                     multiple value parameters only; if given, it specifies the position of the subparameter
                     in error.

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

User Action: Refer to the specific Entire Net-Work parameter descriptions for more information.

NET0005   **DUPLICATE NODE STATEMENT**

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

System   The statement in question is not interpreted. Any statements following it are scanned
Action: 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 dataset.

NET0006   **INVALID DRIVER NAME: aaaaaaaa**

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

System   The statement in question is not interpreted; any statements following it are scanned
Action: 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: Refer to the documentation for more information about valid line driver names.

NET0007   **DUPLICATE aaaaaaaa DRIVER STATEMENT**

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

System   The statement in question is not interpreted; any statements following it are scanned
Action: 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 dataset.

NET0008   **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.

NET0009   **MORE THAN nn VALUES FOR KEYWORD: keyword**

Explanation   More values than expected were coded for the specified multiple-value keyword parameter. 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 result from this error.

User Action: Refer to the documentation for more information about the number of values defined for the parameter in question and their meaning.

NET0010   **REQUIRED PARAMETER NOT SPECIFIED: aaaaaaaa nnn**

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

User Action: Refer to the documentation for more information about the required parameters and their valid values.

NET0011   **EOF FOUND BEFORE END OF STATEMENT**

Explanation   The last statement line found before the end of the dataset 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.

NET0012   **PARM ERROR(S)**

Explanation   This informational message is provided after all parameter statements have been read, indicating that the Entire Net-Work session is about to be terminated abnormally due to previously listed parameter errors.

User Action: This message is for information only.

NET0013   **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).

NET0014   **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.

NET0015   **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) depends on the access method; it may indicate an internal error.

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 result from 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.

NET0016   **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 result from 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.

NET0017   **DUPLICATE LINK NAME: linkname**

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 result from this error.

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

NET0018   **ADAMPM CALL nn FAILED**

Explanation   An error occurred during interregion processing. It is likely that ADAMPM has also issued a NETMxx message to explain the problem; if not, 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 documentation of the NETMxx message for details. If a system error occurred, have a system dump and any other documentation available, and contact your Software AG technical support representative.

NET0019   **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.

NET0020   **UNRESOLVED VCONS IN DRIVER MODULE**

Explanation   An internal error occurred; it is likely that an incorrect line driver module was 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.

NET0021   **UNEXPECTED EVENT INDICATOR: xxxxxxxx**

Explanation   An internal error occurred; it is likely that an incorrect line driver module was 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.

NET0022   **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, then provide more storage in the asynchronous buffer pool.

NET0023   **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: Provide an appropriate NODE statement as the first parameter statement.

NET0024   **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.

NET0025   **NET0025 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.

NET0026   **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 of the failure.

NET0027   **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 error. Contact 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.

NET0028   **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.

NET0029   **B1 TARGET xxxxx aaaa 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. 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.

NET0031   **INVALID LOG PARAMETER**

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

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

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

NET0032   **EXCESSIVE ECB COUNT IN DRIVER aaaa**

Explanation   An internal error occurred; it is likely that an incorrect module was loaded as line
                       driver NET*aaaa*.

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

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

NET0033   **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   The line driver initialization is aborted. The system may continue operating if other
Action: line drivers are active.

User Action: Use the BUFFERS keyword parameter of the NODE statement to specify a page-fixed
                       buffer pool. Refer to section *Buffers* in the *Parameters and Parameter Statements*
                       documentation for specific information.

NET0034   **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.

NET0036   **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   No action is required. This message is for Software AG use only.
Action:

NET0037   **module (yyyy-mm-dd SM=sss) ZAP LEVEL zzzz ADDITIONAL ZAPS: zzzz zzzz**
zzzz zzzz zzzz zzzz zzzz zzzz zzzz 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   No action is required. This message is informational only.
Action:

NET0039   **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 shuts down
following this message.

User   Save the DDPRINT; then contact your Software AG technical support representative.
Action:

NET0040   **GET NETSAF WORK AREA FAILED FOR LINK xxxxxxxx;**
DISCONNECTING LINK

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   The failure may be due to a buffer pool shortage. Check the buffer pool statistics. You
Action: may need to increase the region size.

NET0041   **M NETRCV BUFFER SHORTAGE, NET-WORK TERMINATING**

Explanation   NETRCV was unable to get the necessary storage. Entire Net-Work shuts down
following this message.

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

NET0052   **INVALID LOGSIZE VALUE; LOGSIZE SET TO 32760**

Explanation   A value greater than 32760 has been specified for the LOGSIZE parameter. The
                     valid range is 0 - 32760.

**System
Action:**   The value is set to 32760, and Entire Net-Work continues.

User Action: Specify a valid LOGSIZE value.

Module: NETWRK

NET0086   **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:**   Reissue the SNAP command with valid parameters. Refer to the description of the
                     SNAP operator command in the relevant section of this documentation.

NET0087   **count REQUESTS FROM LOCAL RQ**

Explanation   This message displays the number of requests Entire Net-Work received from its local
                     request queue for transmission to other nodes.

**User
Action:**   This message is for information only.

NET0088   **count REQUESTS FOR TARGET targetid ON NODE aaaaaaaa**

Explanation   This message displays the number of requests Entire Net-Work handled for the
                     specified target.

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

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

**User
Action:**   This message is for information only.

NET0089   **count REQUESTS TOTAL .... FOR NODE aaaaaaaa**

Explanation   This message displays the number of requests Entire Net-Work handled for all targets
                    on node *aaaaaaaa*.

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

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

User   This message is for information only.
Action:

NET0090   **BUFFER USAGE STATISTICS**

Explanation   This message immediately precedes the NET0091 message.

User   This message is for information only. Refer to the NET0091 message for more
Action: information.

NET0091   **resource-name: 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 kilobytes (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   Monitor buffer usage, and take corrective action if any of the usage figures are near
Action: 100%.

NET0092   **count 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 expands 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   If the number of node stack expansions becomes significant, try to identify the
Action: originating node and increase the MAXPATH value. An examination of the network
                    topology is likely to provide all the necessary clues.

NET0093   **count REPLIES COULD NOT BE ROUTED**

Explanation   This message displays 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.

**User
Action:**   This message is for information only.

NET0094   **count MESSAGES WERE STRANDED**

Explanation   "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.

**User
Action:**   This message is for information only.

NET0095   **count REQUESTS TIMED OUT (RSP224)**

Explanation   This message displays the number of times this Entire Net-Work node issued response
                     code 224 for message timeouts.

**User
Action:**   If the number becomes significant, it indicates certain bottlenecks somewhere in the
                     network that need to be identified and eliminated. Alternatively, increase the
                     REPLYTIM parameter on the NODE statement.

NET0096   **count REQUESTS FAILED DUE TO BUFFER SHORTAGE (RSP220)**

Explanation   This message displays the number of times this Entire Net-Work node issued 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.

NET0097   **NETWORK TERMINATING DUE TO PARM ERRORS**

Explanation   Issued after all parameter statements have been read, this message indicates 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 for information only.

NET0098   **ABNORMAL TERMINATION COMPLETED**

Explanation   The abnormal termination procedures were completed successfully.

User Action: This message is for information only.

NET0099   **NORMAL END OF RUN**

Explanation   The normal termination procedures were completed successfully.

User Action: This message is for information only.

NET0101   **aaaaaaaa DRIVER OPEN FAILED (RC=nn)**

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

System Action: If this condition is detected during session initialization, Entire Net-Work will terminate abnormally; if it occurs during an attempt to reopen 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, but without the line driver in question.

User Action: Refer to the related access-method-specific line driver error message for information about the condition that 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.

NET0103   **LINK linkname (aaaa) OPEN FAILED (RC=nn)**

Explanation   The specified link (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) depends on the access method.

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

User Action: Refer to the related line driver error message for information about 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 need to stop and restart the Entire Net-Work session in order to make the link available.

NET0104   **LINK linkname (aaaa) CONNECT FAILED**

Explanation   The specified link (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 about 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 need to stop and restart the Entire Net-Work session in order to make the link available.

NET0105   **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.

NET0106   **LINK linkname CAN'T CONNECT TO NODE aaaaaaaa reason**

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

(reason)   **INV(ALID) LINK STATUS**

Explanation   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**

Explanation   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**

Explanation   Handshaking determined that conflicts exist between the network topologies as seen by
                     this node and node *aaaaaaaa*; therefore, a connection through the specified link 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   The link is disconnected.
Action:

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.

NET0107   **LINK linkname DISCONN. FROM NODE aaaaaaaa**

Explanation   The specified link was disconnected from node "aaaaaaaa" 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   The system continues processing without the link.
Action:

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.

NET0108   **CONFLICT: TARGET targetid ON NODE aaaaaaaa AND bbbbbbbb**

Explanation   Target IDs must 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   The link is disconnected.
Action:

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

NET0109   **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   The link is disconnected.
Action:

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 whether
                    node *aaaaaaaa* is actually active, then issue the CONNECT operator command to
                    resume handshaking.

NET0110   **LINK linkname CONNECTED TO NODE aaaaaaaa**

Explanation   The specified link was successfully connected to node "aaaaaaaa". The function may
have been initiated from either side.

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

User Action: This message is for information only.

NET0111   **LINK linkname CLOSED**

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

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

User Action: This message is for information only.

NET0112   **nn,nnn,nnn,nnn MSGS; BLK FACTOR = nnn.nn**

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

**User
Action:**   This message is for information only.

NET0113   **nn,nnn,nnn,nnn {INPUT | OUTPUT} THROWBACKS; WORST CASE: nn,nnn**

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.

NET0114   **SNAP DUMP WRITTEN TO NETPRNT / DDPRINT**

Explanation   This message is displayed on the operator console to indicate that the SNAP operator
                     command has been executed. The output is written to NETPRNT if it is available;
                     otherwise, it is written to DDPRINT.

User   This message is for information only.
Action:

NET0115   **OPERATOR COMMAND NOT RECOGNIZED**

Explanation   Entire Net-Work did not recognize the last operator command entered.

System   The command is ignored.
Action:

User Action: Refer to the section documenting operator commands to verify the correct syntax,
                     then reissue the corrected command.

NET0116   **LINK linkname NOT FOUND**

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

System   The command is ignored.
Action:

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

NET0117   **LINK linkname CANNOT BE CONNECTED, STAT=status-code**

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

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

System Action: The command is ignored.

NET0118   **INVALID RQE ADDRESS IN REPLY; DETAILED SNAP DUMP ON PRINTOUT**

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 in transit in the network.

System Action: The message in error is dumped to the printer dataset 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.

NET0119   **REPLY CANNOT BE MATCHED TO RQE; USER=userid**

Explanation   A reply to the specified user's message arrived, but the user no longer owns the request queue element (RQE) associated with the dialog. This may 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 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.

NET0120   **aaaa LINK linkname TO NODE bbbbbbbb STAT=status-code**

Explanation   This message is issued in response to the DISPLAY LINKS operator command. *aaaa* specifies the access method for the link; the link name is from the LINK parameter statement; *bbbbbbbb* is the name of the node on the other side of the link; and STAT= indicates the status of the link.

User Action: Refer to NET0117 for the meaning of the link status codes.

NET0121   **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.

User Action: This message is for information only.

NET0122   **NODE aaaaaaaa (bbbbbbbb) DIST nnnnnn (lll) {LOCAL | VIA LINK cccccccc | INACTIVE | NOT FOUND}**

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).
cccccccc	is the name of the first link on the path.
lll	is the number of links between this Entire Net-Work node and node 'aaaaaaaa'.
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 LINK statement).
LOCAL	a DISPLAY NODES command shows only the shortest path; thus, the local node is shown with the term LOCAL in place of the distance information.
VIA LINK	a DISPLAY PATHS command displays all paths to all nodes; that is; each node is listed once for each link that has a path to it. The distance shown is the shortest path length using the link.
INACTIVE	a DISPLAY NODES command specifying a node name or a PROBE command can display INACTIVE in place of the link information.
NOT FOUND	a DISPLAY NODES command specifying a node name or a PROBE command can display NOT FOUND in place of the link information.

**User
Action:**   This message is for information only.

NET0123   **TARGETS: {nnnnn,mmmmm, ... | 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.

**User
Action:**   This message is for information only.

NET0124   **TARGET nnnnn (tt - tr) {LOCKED | ACTIVE | INACTIVE } ON NODE aaaaaaaa**

Explanation   This message is issued in response to the DISPLAY TARGETS operator command. All targets that were ever active in the network are listed.

aaaaaaaa	is the name of the node on which the target is or was active.
nnnnn	is the target ID
tr	is 'T' if the target uses Adabas version 7 translation; otherwise, it is 'N'.
tt	is one of the following target types:
	C Communicator (Entire Net-Work) L Local isolated database I Global isolated database A Anchor (e.g., Natural global buffer pool) N Non-database target (Access)
LOCKED	status indicator shown only while a duplicate target conflict is being resolved.
ACTIVE	status of target
INACTIVE	status of target. Inactive targets are shown on the node where they were last active.

User Action: This message is for information only.

NET0125   **NO ACTIVE PATHS**

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

User Action: This message is for information only.

NET0126   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.

**User
Action:**   This message is for information only.

NET0127   SET COMMAND ACCEPTED

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

User Action: This message is for information only.

**NET0128   ENTIRE NET-WORK TERMINATING TARGET targetid DUE TO
              CONFLICT**

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.

NET0129   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.

**User
Action:**   This message is for information only.

NET0130   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.

NET0131   **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   The command is ignored.
Action:**

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
RQM	for the receive queue manager

                     as well as the access method names of all loaded line drivers.

**User   This message is for information only.
Action:**

NET0134   **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   The command is ignored.
Action:**

User Action: Specify the command with a valid target ID.

NET0135   **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.

**User   This message is for information only.
Action:**

NET0136   **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.

User   This message is for information only.
Action:

NET0137   **LINK linkname CONNECT INITIATED**

Explanation   A connect request was issued for the link specified. Additional messages are displayed
                   as the connection process progresses. If the partner node is not active, some access
                   methods may display appropriate messages; others may not.

System   The link is placed in "Connect Pending" status; when all required actions by both
Action: nodes are completed, the link is placed in "Active" status and message NET0110 is
                   displayed.

User Action: This message is for information only.

NET0139   **nn,nnn a BYTES SENT; COMPRESSION RATE nnn.nn**

Explanation   This message displays the number of (uncompressed) bytes sent using 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 ($10^{3)}$)
M	megabytes ($10^{6)}$)
G	gigabytes ($10^{9)}$)
T	terabytes ($10^{12)}$)

User   This message is for information only.
Action:

NET0142I   UNABLE TO LOAD SERVICE ROUTINE NETCT1

Explanation   This message, in response to a `TRANSLAT` parameter statement or operator command, indicates that module NETCT1 is not linked and cannot be loaded dynamically.

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

User Action: This message is for information only.

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 linkname DISABLED

Explanation   This message confirms the successful completion of a DISABLE operator command.

User Action: This message is for information only.

NET0146I   LINK linkname SUSPENDED

Explanation   This message confirms the successful completion of a SUSPEND operator command.

User Action: This message is for information only.

NET0147I   LINK linkname IS NOT ACTIVE

Explanation   A SUSPEND operator command was issued for a link whose status is not "Active". Only active links can be suspended.

User Action: This message is for information only.

NET0148I   LINK linkname IS NOT SUSPENDED

Explanation   A RESUME operator command was issued for a link that was not previously SUSPENDed.

User Action: This message is for information only.

NET0149I   **LINK linkname RESUMED**

Explanation   This message confirms the successful completion of a RESUME operator command.

User Action: This message is for information only.

NET0150I   **'NODE DOWN' MESSAGE SENT**

Explanation   This is the response to the Entire Net-Work operator command FORCE node.

User Action: This message is for information only.

NET0151   **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.

User   This message is for information only.
Action:

NET0154   **LINK xxxxxxxx USER EXIT DETECTED ON PARTNER SYSTEM**

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

System   The link is disconnected.
Action:

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   This message indicates a logic problem in Entire Net-Work and should be reported to
Action: your Software AG technical support representative.

Module: NETDUMP

NET0241I   **NETPRNT FILE CLOSED**

Explanation   The NETPRNT file was closed. All print output is sent to DDPRINT until this file is
reopened. While the file is closed it remains allocated, but it can be copied and
reopened.

User   No action is required. This message is for information only.
Action:

Module: NETDUMP

NET0242I   NETPRNT FILE OPENED

Explanation The NETPRNT file was 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 required. This message is for information only.

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 reopen the NETPRNT file if it was allocated SHR. The dataset 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

NET0306   **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.

NET0308   **NODEID ON xxxxxxxx IN CONFLICT WITH TARGET ttttt**

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

System Action: The link is disconnected.

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

NET0322   **NODE dddddd.aaaaaaaa (bbbbb) DIST nnnnnn (lll) VIA cccccccc**

Explanation   This message replaces the corresponding form of NET0122 when a node is listed that has a nonblank domain name. Also see the `DOMAIN` parameter on the NODE statement.

dddddd	is the domain name from the `NODE` parameter statement.
aaaaaaaa	is the node name from the `NODE` parameter statement.
bbbbb	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 LINK statement).
lll	is the number of links between this Entire Net-Work node and node 'dddddd.aaaaaaaa'.
cccccccc	is the name of the first link on the path.

User Action: This message is for information only.

NET0328   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. Then an attempt is made again to send the message.

User Action: Increase the size of the short term buffer pool to prevent future occurrences of this problem.

NET0333   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.

User Action: This message is for information only.

NET0998   ENTIRE NET-WORK NODE aaaaaaaa ABNORMAL END

Explanation   This console message indicates that abnormal termination procedures have been started.

User Action: This message is for information only.

NET0999   ENTIRE NET-WORK NODE aaaaaaaa TERMINATING

Explanation   This console message indicates that normal termination procedures have been started.

User Action: This message is for information only.

NET1000   ENTIRE NET-WORK NODE aaaaaaaa ACTIVE

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

User Action: This message is for information only.

NET1001   **CURRENT DATE IS yyyy-mm-dd**

Explanation   This message is displayed on the operator console and on the Entire Net-Work log
                     dataset 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.

User   This message is for information only.
Action:

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*.

User   This message is for information only.
Action: