CHAPTER 4

Troubleshooting the SNA View Mainframe Application

This chapter contains information useful for identifying and resolving problems that may be encountered on the mainframe while using SNA View.

When an unfamiliar message or problem is encountered, consult this chapter before taking any other action.

This chapter contains two major sections:

- Subtask Startup Problems—describes how to resolve SNA View failures that are attributable to mainframe subtask problems.
- Mainframe Messages—lists the meaning of and appropriate user response to each message generated by SNA View's mainframe application.

Subtask Startup Problems

This section describes corrective measures for SNA View malfunctions attributable to mainframe subtask failures.

Almost all subtask startup failures are accompanied by one or more messages that are written either to the SYSLOG, the SNA View output job log, or both. Check the list of SNA View mainframe messages (with the format NSP*nnn*) in this chapter for courses of action to take when any given error message is displayed.

The following sections describe the appropriate actions to take in the event that a failure of the specific subtask occurs.

LU6.2 Connection (SERVER Subtask)

A successful LU6.2 connection requires exact compliance with the setup instructions given in this manual and the *CiscoWorks Blue SNA View Workstation Installation Guide*. All steps in the connection must be up and available, and all parameters between the mainframe and the workstation must match exactly.

If the LU6.2 session fails to connect, perform the following steps.

Note The mainframe address space must be restarted each time a modification is made to a dataset or resource.

Step 1 Verify that the SYSIN deck has a SERVER card with five parameters:

- a VTAM APPL resource
- a VTAM independent LU
- the "PARALLEL" parameter
- a TPN for the workstation HCI
- a TPN for the workstation Message Server.

Step 2 Verify that the VTAM APPL resource is defined in SYS1.VTAMLST with the parameter APPC=YES. Verify that the resource is activated under VTAM.

Step 3 Verify that the VTAM LU is defined as an independent LU, either by a LOCADDR=0 definition under its PU, or as a CDRSC in a CDRSC major node definition. Verify that the LU is activated under VTAM.

Step 4 Stop the SNA View address space and check the bottom of the output job log for messages. The most significant message is the primary and secondary return codes (RCPRI and RCSEC) from the LU6.2 connection request.

Check the job log for the first occurrence of message NSP111, NSP112, or NSP907. The RCPRI and RCSEC codes are fully documented in IBM's *VTAM Programming for LU6.2* manual.

Common RCPRI/RCSEC combinations encountered when installing SNA View are listed in Table 4-1.

Table 4-1 Common RCPRI/RCSEC Combinations

RCPRI	RCSEC	Meaning and User Action
0 hex	0 hex	Connection completed successfully. No action.
0 hex	1 hex	Connection completed successfully. No action.
0 hex	2 hex	Connection completed successfully. No action.
4 hex	8 hex	The workstation did not recognize the TPN name that was sent from the mainframe, so check for a mismatch in the spelling of the fourth and fifth parameters of the SERVER SYSIN card against the spelling of the TPN profiles on the workstation.
4 hex	9 hex	The workstation recognizes the executable name, but cannot start it. Verify that the executable filenames specified in the workstation TPN profiles match the actual executable program names. Recall that on IBM AIX installations the executable names have the domain name appended to them during installation.
4 hex	A hex	**Step 1** Start the evohci_server program manually on the workstation and verify that comes up without error. (The most common cause is an invalid license file entry). **Step 2** Check the file permissions on the workstation executable programs. **Step 3** If running on an HP workstation, recycle SNA. (The workstation recognizes the TPN executable, but encountered a problem while activating it.)
8 hex	0 hex	**Step 1** Verify that SNA and the SNA attachment are active on the workstation. **Step 2** If the workstation connection is via Token Ring, verify that the 12-digit MAC address is correctly entered on the workstation and that the NetID matched the NetID in mainframe dataset SYS1.VTAMLST(ATCSTRxx). **Step 3** Verify that the LU name in the 2nd parameter of the SERVER SYSIN card matches the available VTAM LU.
8 hex	1 hex	**Step 1** Verify that the link station is active on the workstation. **Step 2** Verify that the VTAM APPL definition and independent LU (specified in the first and second parameters of the SERVER SYSIN card are active.

RCPRI	RCSEC	Meaning and User Action
10 hex	2 hex	VTAM is attempting to process two requests of the same mode type on the same LU, frequently caused by multiple restart attempts within a short period of time. Bring the SERVER subtask down, wait 30 seconds, and then bring it back up.
14 hex	0 hex	The transaction program on the workstation terminated abnormally. Wait until all ports on the workstation are cleared. Before retrying the connection, enter the command, **`ps -ef | grep evo`** on the workstation to verify that there are no extraneous processes running.
2C hex	1 hex	The logmode name specified in the 3rd parameter of the SERVER SYSIN card was not recognized on the workstation. If an NSP112 message was issued to indicate the SNASVCMG CNOS succeeded, but the PARALLEL CNOS failed, verify that SNA and the SNA attachment are active on the workstation.
48	0	The LU6.2 conversation was terminated prematurely. Check to see if either SNA Services or SNA Server was stopped on the workstation.
4C	0	The session used for the LU6.2 conversation has been terminated, possibly because of a line or modem failure. Check for a break in the physical connection between the workstation and mainframe.
98	0	An overload of commands with large replies is causing a memory shortage while sending data.

TCP/IP Connection (TCP Subtask)

Setup of a TCP/IP connection is less complex than that of an LU6.2 connection, but it requires that the mainframe has a TCP/IP package installed. If a TCP/IP stack is not available, you must use the LU6.2 connection method.

The most common problem with the TCP/IP connection is an inability of the SNA View TCP subtask to communicate to IBM's TCP/IP package due to the name of either the TCP/IP address space or the TCP/IP datasets having been changed from their defaults. When SNA View is unable to find the TCP/IP address space or the TCP/IP profile datasets, it will usually generate the following error message:

```
NSP150  TCP/IP communications: socket() for workstation message agent
failed with errno 39
```

If this message is displayed during SNA View startup, verify the following points (not all of these points may be relevant on your system):

Note Restart SNA View after each item if any changes are made:

To perform these steps:

Step 1 If the TCP/IP datasets are not using the default high-level qualifier, make a copy of the hlq.TCPIP.DATA dataset and name it TCPIP.TCPIP.DATA.

Step 2 If the TCP/IP address space is not named *TCPIP*, edit the TCPIP.TCPIP.DATA dataset that you just created and verify that the TCPIPJOBNAME or TCPIPUSERID parameter is correctly set to the name of the TCP/IP address space.

Step 3 If the parameter in your TCPIP.TCPIP.DATA dataset is TCPIPJOBNAME, change it to TCPIPUSERID. (Older versions of the TCP/IP connection software do not recognize TCPIPJOBNAME.)

PPI Subtask with NetView

The most common cause for failure of the PPI subtask is that the NetView subsystem interface (SSI) is not active. This will cause the display of an NSP091 message with an RC=24. The possible values for RC on the NSP091 message are listed the appendix to the *NetView Application Programming Guide*.

Also, check the SNA View startup JCL to ensure that the STEPLIB includes the NetView loadlib that contains the CNMCNETV load module.

Additionally, check the SYSLOG during the time of NetView startup and look for messages indicating a failure of the NTILU62 optional task that must be running in the NetView address space.

PPI Task Failure Under NetView

The NTILU62 optional task under NetView should come up automatically as NetView is initializing. A successful initialization of the NTILU62 task will generate both an NSP302 and an NSP311 message. If the NTILU62 task fails to initialize, additional NSPxxx messages will be displayed during NetView initialization. Check the list of SNA View messages in this chapter to determine why the NTILU62 task failed to initialize.

If the NetView Subsystem Interface (SSI) is not active when NetView starts, the NTILU62 task will not load and the following message will be issued from NTILU62 before it terminates:

```
NSP313  NTILU62  : NETVIEW INTERFACE FAILURE, RC=0018
```

To avoid this message when NetView starts (and thus to avoid having to restart the NTILU62 task manually), start the SSI address space *before* the NetView address space.

If the system has not previously had the SSI running, review the *NetView Installation Guide* for instructions on SSI setup, paying special attention to the following:

- The SSI address space must start with the same four characters as the NetView address space. For example, if the NetView address space is named “NETVIEW,” then the first four characters of the SSI address space must be “NETV.”
- The four-character subsystem name must also be listed in the SYS1.PARMLIB(IEFSSNxx) member. Any change to this member will require an IPL.
- The CNMCSSIR and CNMCALRT tasks must be defined in NetView’s DSIDMN member with INIT=Y.

After the problem is corrected, the NTILU62 task can be re-started from the NetView operator session using the command START TASK=NTILU62.

Mainframe Messages

This section explains all messages generated by the SNA View mainframe application.

Error Message `NSP002`
`type` `subtask initialized`

Explanation The SNA View subtask has initialized successfully. If the subtask has an associated ACB, the ACB information is given. Along with this message is task specific information. Processing continues.

Recommended Action No user action is required.

Error Message `NSP008`
`Invalid input parameter card on line` *`number`*

Explanation SNA View read a line from SYSIN that it did not understand. The invalid card is skipped. Processing continues with the next SYSIN card.

Recommended Action Correct the input card on the given line number of SYSIN. Valid values for task registration cards are given in "Updating the Mainframe Application Software." All other lines must begin with an * to denote a comment line.

Error Message `NSP009`
`Duplicate` *`subtask`* `card on line` *`number`* `ignored`

Explanation SNA View read a definition card from SYSIN for a subtask that has already been defined. The invalid card is skipped. Processing continues with the next SYSIN card.

Recommended Action Correct or remove the input card on the given line number of SYSIN. Refer to "Updating the Mainframe Application Software" for names of input parameter cards that may be defined multiple times.

Error Message NSP010
`Maximum number of subtask cards reached; ignoring line number`

subtask is the type of subtask.

number is the line number of SYSIN.

Explanation SNA View has reached the maximum number of subtasks of the type named. The definition card on the named line will not be processed. If subtask is subtask, SNA View has reached the maximum number of total subtasks that can be defined, and all SYSIN parameter cards from line number forward will be ignored. The parameter card(s) are skipped and processing continues.

Recommended Action Decrease the number of SYSIN parameter cards of the type named.

Error Message NSP018
`VTAM ACB generation for subtask acb failed, RC = rcnumber`

subtask is the type of subtask.

acb is the name of failing ACB.

rcnumber is the return code from Get VTAM ACB routine

Explanation An attempt by an initializing subtask to get a VTAM ACB failed. The SNA View subtask terminates.

Recommended Action Verify that ACB is active. Use the INIT command to reinitialize the subtask.

Error Message NSP019
`VTAM subtask open for acb failed, RC = rcnumber, error = enumber`

subtask is the type of subtask.

acb is the name of failing ACB.

rcnumber is the return code from Open VTAM ACB routine.

enumber is the error code within ACB.

Explanation An attempt by an initializing subtask to open a VTAM ACB failed. The SNA View subtask terminates with a condition code 8.

Recommended Action Verify that ACB is correctly defined and not already in use. See *VTAM Programming* manual for descriptions of the return code and error code.

Error Message `NSP020`
`subtask is currently in use`

subtask is the type of subtask.

Explanation This message follows immediately after the NSP019 message if an exclusive subtask ACB is already in use by another program. The SNA View subtask terminates.

Recommended Action Verify that the ACB is not being taken by another program on the host, such as NetView or NET/MASTER.

Error Message `NSP021`
`Unsolicited msgtype data is unavailable`

msgtype is the type of message.

Explanation This message follows the NSP019 message to alert the user that SNA View will not be able to receive unsolicited data because it was unable to access an ACB. The SNA View subtask terminates.

Recommended Action No user action required.

Error Message `NSP026`
`Unexpected subtask return code, RC = rcnumber`

subtask is the type of subtask.

rcnumber is the return code from Receive routine.

Explanation The subtask Receive routine received an unexpected return code while attempting to receive messages. The SNA View subtask terminates.

Recommended Action Use the INIT command to reinitialize the subtask.

Error Message NSP033
SNA View COMMAND = *commandtext*

Explanation The command text issued via SNA View has been logged to SYSLOG. Processing continues.

Recommended Action No user action is required.

Error Message NSP034
Initialization of SPO *name* failed in *reqtype* processing, RC1 = *addr* RC2 = *size*

name is the name of SPO subtask.

reqtype is the type of request being processed.

addr is the returned address from Get RPL routine.

size is the returned size from Get RPL routine.

Explanation The SPO subtask failed calling the VTAM RPL routine. The SNA View SPO subtask terminates.

Recommended Action Use the INIT command to reinitialize the subtask.

Error Message NSP035
SPO Warning: Failure retrieving command responses

Explanation SNA View's Secondary Program Operator interface subtask encountered a failure while attempting to retrieve the command responses from an issued VTAM command. All responses were not retrieved. Processing continues.

Recommended Action Reissue the VTAM command. If the proper responses are still not returned, contact your technical support representative.

Error Message `NSP038`
`VTAM command support unavailable`

Explanation SNA View could not process the VTAM command because there are no active Secondary Program Operator subtasks. The command is discarded.

Recommended Action Restart SNA View with an SPO card in the SYSIN deck that identifies a valid VTAM APPL resource to be used as a SPO. Verify that the named VTAM resource is active.

Error Message `NSP091`
`PPI initialization failed, step =` *`stepnum`* `RC =` *`rcnumber`*

`stepnum` is the step of initialization that failed:

- 1 = SSI not up
- 2 = Attempt to get ASCB value failed
- 3 = Attempt to register as a receiver failed

`rcnumber` is the return code from call to CNMNETV

Explanation An attempt by the PPI subtask to access the CNMNETV module failed. The SNA View PPI subtask terminates with a condition code 6.

Recommended Action If stepnum = 1, check the status of the SSI. If stepnum = 3, verify that no other application is attached to the NetView or Netmaster PPI.

Error Message `NSP095`
`SNA View PPI buffer size error, RC =` *`rcnumber`*

`rcnumber` is the return code from PPI call.

Explanation A Receive request for the PPI failed due to the length of the buffer size. The SNA View PPI subtask terminates.

Recommended Action Use the INIT command to reinitialize the subtask.

Error Message NSP096
SNA View PPI interface failed, ID = *requestid*, RC = *rcnumber*

requestid is the ID of task request.

rcnumber is the return code from PPI call.

Explanation A Receive request for the PPI failed. The SNA View PPI subtask terminates.

Recommended Action Consult the *NetView Application Programming Guide* to determine the meaning of the given return code.

Error Message NSP111
subtask CNOS *mode* failed, RC = *rcnum* RCPRI = *primaryrc* RCSEC = *secondaryrc*

subtask is the name of subtask.

mode is the mode name.

rcnum is the return code from CNOS call.

primaryrc is the primary return code from CNOS request.

secondaryrc is the secondary return code from CNOS request.

Explanation The LU6.2 CNOS command for mode *mode* failed during the initialization of subtask subtask. The SNA View subtask terminates.

Recommended Action Consult VTAM Programming for LU6.2 for a translation of the RCPRI and RCSEC return codes.

Note The RCPRI and RCSEC codes are only valid if rcnum = B0000. Depending on the codes, a correction may be needed to a workstation profile or the mainframe VTAM definitions. A dump of the VTAM RPL control block will follow this message. Recycle SNA View to recover the subtask.

Error Message NSP112
subtask CNOS for *mode status* (RCPRI=*primaryrc* RCSEC=*secondaryrc*)

subtask is the name of subtask.

mode is the mode name.

status is either "succeeded" or "failed."

primaryrc is the primary return code from CNOS request.

secondaryrc is the secondary return code from CNOS request.

Explanation The LU6.2 CNOS command for mode mode completed for subtask subtask. Processing continues.

Recommended Action If status is "failed," stop SNA View and check the output job log for more information. Consult *VTAM Programming* manual for LU6.2 for a translation of the RCPRI and RCSEC return codes.

Error Message NSP113
Unable to establish *msgtype* LU6.2 communication with the workstation *wsagent* agent, RC = *rcnumber*

msgtype is the type of LU6.2 message:

- *outbound* = Allocation from the mainframe to workstation
- *inbound* = Allocation from the workstation to mainframe
- *Send* = Message transmission from mainframe to workstation
- *Receive* = Message transmission from workstation to mainframe

wsagent is the workstation agent:

- *command* = workstation command agent
- *message* = workstation message agent

rcnumber is the return code from LU6.2 call

Explanation Establishment of LU6.2 session(s) between the mainframe and workstation failed. The SNA View SERVER subtask terminates.

Recommended Action Verify that the parameters of the SERVER SYSIN card match the VTAM resource names defined for SNA View and also match the resource names entered in the workstation communications setup.

Error Message `NSP114`
`Error in LU6.2` *`direction`* `workstation` *`wsserver`* `server, RC =` *`rcnumber`*

`direction` is the direction of message:

- "Send to" = From mainframe to workstation
- "Receive from" = From workstation to mainframe

`wsserver` is the workstation server:

- command = command server
- HCI = HCI server

`rcnumber` is the return code from LU6.2 call.

Explanation An error occurred in the sending or receiving of an LU6.2 message between the mainframe and the workstation. The SNA View SERVER subtask terminates.

Recommended Action Verify the status of the LU6.2 session(s) between the mainframe and the workstation.

Error Message `NSP115`
`Dumping` *`subtask direction action ctrlblk`*

`subtask` is the subtask name.

`direction` is the direction of message:

- outbound = From mainframe to workstation
- inbound = From workstation to mainframe

action is the attempted action:

- allocate = Allocation of an LU6.2 conversation
- receive = Sending a message over an established conversation

ctrlblk is the control block being dumped:

- RPL = Request Parameter List
- RPL6X = Request Parameter List Extension

Explanation SNA View subtask encountered an error in LU6.2 communications to the workstation. Following this message, a dump of the control block ctrlblk will be given to aid in problem determination. The SNA View SERVER subtask terminates.

Recommended Action Consult *VTAM Programming* manual for a mapping of the control block. Correct the error and use the INIT command to reinitialize the subtask.

Error Message `NSP119`
num `messages queued on` *subtask*`. Command rejected:` *command*

num is the number of messages.

subtask is the subtask name.

command is the command entered.

Explanation Subtask subtask will not process the command issued from the workstation because there is a backlog of num messages that are waiting to be sent to the workstation. The command command is discarded. Processing continues on the remaining messages in the subtask's queue.

Recommended Action Wait until the existing backlog of messages has been processed and then re-issue the command. Use the SHOW TASK command to view the number of messages in the Output Queue of the subtask.

Error Message NSP121
MVS console *name* could not obtain a migration ID

name is the name of console to be defined.

Explanation The MVS console being defined requested a one-byte migration ID, but the console initialization routine was unable to provide one. Initialization of the console continues.

Recommended Action No user action is required.

Error Message NSP122
MVS console *name* initialization failed, RC = *rcnumber*

name is the name of console to be defined.

rcnumber is the return code from initialization routine.

Explanation The initialization of the MVS console failed. The SNA View MVS subtask terminates.

Recommended Action Record the return code and report it to your support representative.

Error Message NSP150
TCP/IP communications: *function* for workstation *component* agent failed with errno *value*

function is the failing communication function.

component is the workstation component that detected the failure.

value is the integer error value.

Explanation A TCP/IP communications error has occurred. The error could have taken place during TCP/IP communication establishment or during a send or receive between the mainframe and the agent specified. The SNA View TCP subtask terminates.

Recommended Action Verify the availability of TCP/IP communications between the workstation and the mainframe. Use the INIT command to reinitialize the subtask.

Error Message NSP151
SNA View failure in communication to TCP/IP

Explanation SNA View received an error while attempting to receive data from a TCP/IP socket or ECB. The TCP/IP subtask terminates.

Recommended Action Use the INIT command to reinitialize the subtask.

Error Message NSP160
Console command return code = *rcnumber*

rcnumber is the return code from command send subroutine.

Explanation An MVS command request completed with a non-zero return code. Processing continues.

Recommended Action If expected command response is not received, record the return code and contact your support representative.

Error Message NSP205
MVS console *name* reached memory limit. Data lost

Explanation The extended console defined for SNA View has filled all of the available cells in the data space. The incoming message is not queued. Processing continues.

Recommended Action Check the status of the extended console with a DISPLAY CONSOLES, CN=name. If messages do not resume queuing to the extended console, recycle SNA View, making sure that the console comes down cleanly. A new console may need to be defined with a larger message data space.

Error Message NSP206
MVS console *name* reached queue limit. Data lost

The extended console defined for SNA View has reached its maximum queue depth. The incoming message will not be queued. Processing continues.

Recommended Action Check the status of the extended console with a DISPLAY CONSOLES, CN=name. If messages do not resume queuing to the extended console, recycle SNA View, making sure that the console comes down cleanly.

Error Message `NSP207`
`MVS console` *`name`* `stopped by internal error`

Explanation The extended console defined for SNA View received an error during the processing of its message queues. SNA View deactivates the MVS console.

Recommended Action Check the status of the extended console with a DISPLAY CONSOLES, CN=name. Recycle SNA View.

Error Message `NSP208`
`MVS console` *`name`* `reached alert percentage`

Explanation The number of messages queued to the extended console for SNA View has reached a certain percentage of the maximum queue depth. Processing continues.

Recommended Action Verify that messages are being displayed on the MVS messages client on the workstation. Check the status of the extended console with the command DISPLAY CONSOLES, CN=name. If the queue shortage is note relieved shortly, recycle SNA View, making sure that the console comes down cleanly.

Error Message `NSP209`
`MVS console` *`name`* `suspended by request`

Explanation A condition has developed in the extended console defined for SNA View such that MVS has requested the deactivation of the console. SNA View deactivates the console.

Recommended Action Check the condition of the console with the command DISPLAY CONSOLES, CN=name. Recycle SNA View.

Error Message `NSP210`
`MVS console` *`name`* `alert ECB posted for unknown reason`

Explanation The extended console defined for SNA View was posted with an alert indicating a problem, but no error flags were set in the console's status area. Processing continues.

Recommended Action Check the condition of the console with the command DISPLAY CONSOLES, CN=name.

Error Message NSP302
name: SNA View PPI TASK INITIALIZED

name is the name of NetView PPI subtask.

Explanation The program-to-program interface subtask for SNA View was successfully initialized in the NetView address space. Processing continues.

Recommended Action No user action is required.

Error Message NSP303
name: SNA View PPI TASK TERMINATED

name is the name of NetView PPI subtask.

Explanation The program-to-program interface task for SNA View has been terminated in the NetView address space. Processing continues, but SNA View will no longer receive unsolicited VTAM messages and alerts from NetView.

Recommended Action If NetView has terminated, restart NetView. If only the PPI subtask has terminated, restart the subtask from a NetView operator session with the command: START TASK=name

Error Message NSP304
name: DSIFRE FAILED FOR USER STORAGE

name is the name of NetView PPI subtask.

Explanation The SNA View PPI subtask received an error return code from NetView macro DSIFRE while attempting to free the 4K work area of memory during subtask shutdown. Subtask shutdown processing continues.

Recommended Action Notify the system programmer that a potential memory leak exists in the currently running NetView.

Error Message NSP305
name: DSIFRE FAILED FOR QUEUED STORAGE

name is the name of NetView PPI subtask.

Explanation The SNA View PPI subtask received an error return code from NetView macro DSIFRE while attempting to free all remaining subtask memory during subtask shutdown. Subtask shutdown processing continues.

Recommended Action Notify the system programmer that a potential memory leak exists in the currently running NetView.

Error Message NSP306
name: DSIFRE FAILED FOR MQS BUFFER

name is the name of NetView PPI subtask.

Explanation The SNA View PPI subtask received an error return code from NetView macro DSIFRE while attempting to free the memory allocated for the private message queue. Processing continues.

Recommended Action Notify the system programmer that a potential memory leak exists in the currently running NetView.

Error Message NSP307
name: DSIGET FAILED FOR USER STORAGE

name is the name of NetView PPI subtask.

Explanation The SNA View PPI subtask failed to get a 4K block of memory for use during processing. Task termination flag is set.

Recommended Action Notify the system programmer that a potential memory shortage exists in the currently running NetView. The region size of the NetView address space may need to be increased.

Error Message NSP308
name: ENQ ERROR

name is the name of NetView PPI subtask.

Explanation An ENQ on the NetView's TVB chain failed. If not already in termination processing, the task termination flag is set.

Recommended Action Notify the system programmer. Restart the PPI subtask.

Error Message NSP309
name: DEQ ERROR

name is the name of NetView PPI subtask.

Explanation A DEQ on the NetView's TVB chain failed If not already in termination processing, the task termination flag is set.

Recommended Action Notify the system programmer. Restart the PPI subtask.

Error Message NSP310
name: TASK ALREADY EXISTS

name is the name of NetView PPI subtask.

Explanation The SNA View PPI subtask attempted to add itself to the NetView TVB chain, but found another task with the same name already on the chain. The task termination flag is set.

Recommended Action Verify that another instance of the subtask is not already running under this NetView. Restart the PPI subtask.

Error Message NSP311
name: LOAD OF CNMNETV COMPLETE

name is the name of NetView PPI subtask.

Explanation The loading of module CNMNETV into virtual storage completed successfully. Processing continues.

Recommended Action No user action is required.

Error Message NSP312
name: UNABLE TO LOAD CNMNETV

name is the name of NetView PPI subtask.

Explanation The loading of module CNMNETV into virtual storage failed. The subtask terminates.

Recommended Action Verify that load module CNMNETV exists in a NetView STEPLIB dataset. Restart the PPI subtask.

Error Message NSP313
name: NETVIEW INTERFACE FAILURE, RC = *rcnumber*

name is the name of NetView PPI subtask.

rcnumber is the hexadecimal return code from CNMNETV call.

Explanation A call to the CNMNETV interface routine failed. The message is discarded.

Recommended Action Consult the *NetView Application Programming Guide* to determine the meaning of the given return code.

Error Message NSP314
name: NETVIEW COMMAND RECEIVED

name is the name of NetView PPI subtask.

Explanation A message was successfully received from the PPI interface routine. Processing continues.

Recommended Action No user action is required. This message appears for debugging purposes, and only if the subtask has been reassembled with the CMDREC lines uncommented.

Error Message NSP315
autotask COMMAND EXECUTION FAILED, CORR = *commcorr*

autotask is the name of NetView autotask that executes the command.

commcorr is the command correlator.

Explanation A failure occurred in a command that was to be executed under NetView on behalf of SNA View. The command is discarded.

Recommended Action Verify that the autotask defined under NetView during SNA View installation is active. Verify that the NTICMD and NTIMVS command lists are present in a NetView DSICLD dataset. Verify that the name in the NSPCMD_OPERATOR field on the workstation (which was filled in while running the evoXconfig program) matches the autotask name defined under NetView.

Error Message NSP595
Command entered:*cmdtxt*

cmdtxt is the text of command entered.

Explanation SNA View received a command from a console. Processing continues with the execution of the command.

Recommended Action No user action is required.

Error Message NSP695
SNA View *cmdtype* command processed.

cmdtype is the command type.

Explanation SNA View completed the initial processing of a console command. Additional messages may be forthcoming, depending on whether any additional work is to be done by subtask(s). None.

Recommended Action No user action is required.

Error Message NSP698
Subtask *task* is already *status*

task is the subtask name.

status is the subtask status.

Explanation A subtask modification command was invalid because of the current state of the target subtask. Processing continues.

Recommended Action Use the SHOW TASK command to check the subtask's status.

Error Message NSP701
Starting subtask #*idnum* for info

idnum is the numerical ID for the newly started subtask.

info is the information sent to the ATTACH macro.

Explanation SNA View attached a subtask with the information given in info. Processing continues with the ATTACH attempt.

Recommended Action No user action is required.

Error Message NSP702
Buffer *size* = sizeM, Queue depth = *totalmsg*, Maximum = *maxmsg*

size is the size (in megabytes) allocated for messages.

totalmsg is the total message queue depth.

maxmsg is the maximum message queue depth permitted.

Explanation A message queuing problem has occurred for an MCS console defined for SNA View. This message appears only in the SNA View job log, and is immediately followed by a message giving more detailed information. Processing continues. The MCS console may be terminated depending on the severity of the queueing problem.

Recommended Action Monitor the SNA View job log for the next message.

Error Message NSP901
`Stopping subtask #number: name`

number is the subtask number.

name is the subtask name.

Explanation This message is issued in response to a STOP command. One message is issued for each SNA View subtask. A termination command is sent to each named subtask.

Recommended Action No user action is required.

Error Message NSP902
name `subtask terminated, RC =` *rcnumber*

name is the name of subtask.

rcnumber is the return code from termination call.

Explanation The named subtask has been terminated. Any queues or memory allocated for the subtask are freed.

Recommended Action No user action is required.

Error Message NSP903
name in/out `queue freed, RC =` *rcnumber*

name is the name of subtask.

in/out is Input or Output.

rcnumber is the return code from Free call.

Explanation An allocated message queue for the named subtask has been freed. Processing continues.

Recommended Action No user action is required.

Error Message NSP904
`All SNA View subtasks completed`

Explanation SNA View has completed the shutdown of all subtasks. Processing continues with the shutdown of the main task.

Recommended Action No user action is required.

Error Message NSP905
`Restart #attempt of subtask task will be attempted in time seconds`

attempt is the number of times the subtask has been restarted.

task is the subtask name.

time is the number of seconds until the next restart attempt is made.

Explanation The named subtask has terminated and will attempt to restart itself automatically in the stated number of seconds. The subtask sleeps for the specified number of seconds before attempting to restart itself.

Recommended Action None. The INIT command can be used during the delay to bypass the delay and do an immediate restart of the subtask. The KILL command can be used to bring down the subtask and cancel any further automatic restart attempts.

Error Message NSP906
`No auto restart for task. Use INIT command to restart.`

task is the subtask name.

Explanation The named subtask has terminated and will not attempt to restart itself because either the operator explicitly issued a KILL command aganst the subtask, or the maximum number of restart attempts has been exceeded for the subtask. The NIT command may be used to reinitialize the subtask and reset the number of restart attempts. The subtask is terminated.

Recommended Action None.