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Native Service Point 1.0 Release Note

This release note provides information about changes to CiscoWorks Blue Native Service Point 1.0 that are not documented in the *CiscoWorks Blue Native Service Point Installation and Reference Guide*, Software Release 1.0. Use this release note as a supplement to the *CiscoWorks Blue Native Service Point Installation and Reference Guide*.

Caution Read this release note before you upload Native Service Point software to your mainframe host or use Native Service Point commands. This release note contains information for NetView operators, NetMaster operators, and programmers.

Following are the topics in this release note:

- Uploading Native Service Point for NetMaster to an MVS Host
- Setting Up Automatic Update of Router Status
- Commands
- Panel Names
- Error Message Numbers
- Programmer Reference Information

Uploading Native Service Point for NetMaster to an MVS Host

The sample output of the contents of a $NWRUNCX NCL is changed and the correct output is shown below:

```
>>CHANGE                                                                  00010000
-* NAME        : $NWRUNCM                                  EWR0XX      *00100000
>>TO                                                                      00100100
-* NAME        : $NWRUNCX                                  EWR0XX      *00101000
-*                                                                       *00110000
>>ADD                                                                     00120000
-* Modify DATE : 29-JUN-1995                                            *00231000
-* SHRVARS=(NSPHCOPY,SV32TXT,SYSMSG)                                    *00232000
                                                                        *00233000
>>ADD                                                                     01161000
-* JUL 95       Modified. Add NSPHCOPY to suppress output     H.Liberty*01170000
>>BEFORE                                                                  01170100
-* JUN 92       CREATION.                                      B.YUNG  *01171000
                                                                         01210000
>>CHANGE (REQUIRED)                                                      01220000
  &CONTROL UCASE    NOSHRVARS                                           01280000
>>TO                                                                     01280100
  &CONTROL NOUCASE    NOSHRVARS (Need lower case for router)            01280200
                                                                         01280300
>>ADD                                                                    01300000
   &IF .&NSPHCOPY NE .NO &THEN +         -* Modified by HJL             03920000
>>BEFORE                                                                 03921000
     &WRITE DATA=EW0019 &WK1                                             03930000
>>ADD                                                                    03940000
   &IF .&NSPHCOPY NE .NO &THEN +         -* Modified by HJL             04190000
>>BEFORE                                                                 04191000
      &WRITE DATA=EW0020 &WK             -* WRITE THE HIERARCHY          04200000
                                                                         04201000
>>ADD                                                                    04210000
   &IF .&NSPHCOPY NE .NO &THEN +         -* Modified by HJL             04300000
>>BEFORE                                                                 04301000
    &WRITE DATA=EW0020 &WK               -* WRITE THE HIERARCHY          04310000
>>ADD                                                                    04320000
   &IF .&NSPHCOPY NE .NO &THEN +         -* Modified by HJL             04540000
>>BEFORE                                                                 04541000
    &WRITE LOG=YES DATA=EWR003 MESSAGE TEXT                              04550000
                                                                         04560000
>>ADD                                                                    04570000
   &IF .&NSPHCOPY NE .NO &THEN +         -* Modified by HJL             04800000
>>BEFORE                                                                 04801000
      &WRITE LOG=YES DATA=EWR004 &WK4                                    04810000
                                                                         04811000
>>ADD                                                                    04820000
   &IF .&NSPHCOPY NE .NO &THEN +         -* Modified by HJL             05111000
>>BEFORE                                                                 05111100
    &WRITE LOG=YES DATA=EW0018 *END*     -* DISPLAY TERMINATION MSG     05112000
?
```

Building a List of Routers for NetView

In the procedure for building a list of routers for the NetView version of Native Service Point, access the NSPSINIT CLIST (documented in the manual as NSPSINIT CLIST) and enter the following line for each router you want to access from Native Service Point:

&NSPLSTn = '*SPname* [*domain*] [*host name*]**'**

Refer to the *CiscoWorks Blue Native Service Installation and Reference Guide* for the remainder of the procedure and save the NSPSINIT CLIST.

Building a List of Routers for NetMaster

In the procedure for building a list of routers for the NetMaster version of Native Service Point, access the NSPSINIT NCL (documented in the manual as NSPSINIT CLIST) and enter the following line for each router you want to access from Native Service Point:

&NSPLSTn = '*SPname* [*domain*] [*host name*]**'**

Refer to the *CiscoWorks Blue Native Service Installation and Reference Guide* for the remainder of the procedure and save the NSPSINIT NCL procedure.

Setting Up Automatic Update of Router Status

To enable Native Service Point to automatically obtain and provide an updated status of your routers, the domains where they are located, and information of any operators that are logged in to the routers, your programmer needs to add certain commands to the NetView automation table or the NetMaster MSGPROC procedure.

This section provides the correct commands to be used by your programmer.

Editing the NetView Automation Table

If you use NetView, your programmer should complete this procedure to ensure that the latest status about your routers is available to you in Native Service Point.

Step 1 Add the following commands to the NetView automation table:

```
IF MSGID='IST5901' & TEXT=MESSAGE
THEN EXEC (CMD('NSP590E' MESSAGE)) DISPLAY(Y) NETLOG(Y);
```

Step 2 If the IST5901 message already exists in the automation table, add the following commands *before* the existing entry your automation table:

```
IF MSGID='IST5901' & TEXT=MESSAGE
THEN EXEC (CMD('NSP590E' MESSAGE)) DISPLAY(Y) NETLOG(Y)
CONTINUE(Y);$
```

Step 3 Save the updated automation table.

Editing the NetMaster MSGPROC Procedure

If you use NetMaster, your programmer should complete this procedure to ensure that the latest status about your routers is available to you in Native Service Point.

Step 1 Add the following commands to the MSGPROC procedure of the operator who will receive the VTAM messages:

```
.M#IST590I
.M#5D90I
   &NODE     = &STR &5                    -* SAVE THE NODE Name
   &NODECONN = &STR &2                    -* GET THE NODE Status
   NSP590E &NODE &NODECONN                -* Call Update status
   &GOTO .LOOP                            -* NEXT MESSAGE
```

Step 2 If the IST5901 message already exists in the procedure, add the following commands *after* the label in your MSGPROC procedure.

```
&NODE     = &STR &5                    -* SAVE THE NODE Name
&NODECONN = &STR &2                    -* GET THE NODE Status
NSP590E &NODE &NODECONN                -* Call Update status
```

Editing the NetView Automation Table

If you use NetView, your programmer should complete this procedure to ensure that the latest status about your routers is available to you in Native Service Point.

Step 1 Add the following commands to the NetView automation table:

```
IF MSGID='IST5901' & TEXT=MESSAGE
THEN EXEC (CMD('NSP590E' MESSAGE)) DISPLAY(Y) NETLOG(Y);
```

Step 2 If the IST5901 message already exists in the automation table, add the following commands *before* the existing entry your automation table:

```
IF MSGID='IST5901' & TEXT=MESSAGE
THEN EXEC (CMD('NSP590E' MESSAGE)) DISPLAY(Y) NETLOG(Y)
CONTINUE(Y);$
```

Step 3 Save the updated automation table.

Commands

Table 1 shows the correct commands you use to perform various tasks with Native Service Point.

Table 1 Correct Native Service Point Commands

Command Shown in the Manual	Correct Command
rtrhelp	nsphelp
rtroper	nspoper
rtrcmd	nspcmd
rtrrcmd	nsprcmd
rtrreset	nspreset
rtrmgr	nspmgr
rtrsinit	nspsinit

Panel Names

Table 2 shows the correct panel names.

Table 2 Correct Native Service Point Panels

Panel Name Shown in the Manual	Correct Panel Name
RTRMGR	NSPMGR
RTRCMD	NSPCMD
RTRHLP	NSPHLP

Error Message Numbers

Error messages described as beginning with RTR (for example RTRM001) in the manual have changed. All error messages begin with NSP (for example NSPM001).

Programmer Reference

This section describes changes to the following:

- CLISTs for NetView
- Common globals for NetView
- Operator Task Globals for NetView

CLIST Names for NetView

This section provides a listing of the correct names for CLISTs available with the Native Service Point software for NetView.

Table 3 provides a description of the correct CLIST names in Native Service Point.

Table 3 Correct CLIST Names

CLIST Name in the Manual	Correct CLIST Name	Description
RTRCMD	NSPCMD	Cisco/NetView router CLIST
RTRRCMD	NSPRCMD	Cisco/NetView remote router CLIST
RTROPER	NSPOPER	Cisco/NetView operator reset CLIST
RTRMGR	NSPMGR	Router status display CLIST
RTRSINIT	NSPSINIT	Router Manager initialization CLIST
RTR590E	NSP590E	Status automation CLIST
RTRHELP	NSPHELP	List of all NSP commands

Common GLOBAL Names for NetView

This section provides a listing of the names of the correct common GLOBALs available with the Native Service Point software for NetView.

Table B-1 provides a description of the correct common GLOBALs in Native Service Point.

Table 4 Common GLOBAL Names for NetView

Common Global Names Listed in the Manual	Correct Common Global Names	Descriptions
&RTRSINITS	&NSPINITS	Date and time NSPSINIT was last executed.
&RTRNUM	&NSPNUM	Number of routers being monitored.
&node	&node	Router Service Point Name.
&RTR&node = &n =	&NSP&node = &n =	Index number assigned to the router.
&RTR&n	&NSP&n	Name of router (&node).
&RTR&n	&NSP&n	Name of domain that owns the router &node.
&RTH&n	&RTH&n	Host name defined in the router configuration &node.
&RTS&n	&RTS&n	Status of router &node.
&RTO&n	&RTO&n	Name of operator monitoring router &node.

Operator Task GLOBAL Names for NetView

This section provides a listing of the names of the correct operator task GLOBALs available with the Native Service Point software for NetView.

Table 6 provides a description of the the correct common GLOBALs in Native Service Point.

Table 5 Operator Task GLOBAL Names for NetView

Operator Task GLOBALs Listed in the Manual	Correct Operator Task GLOBALs	Descriptions
RTRSPN	NSPSPN	Router being interrogated by operator.
&RTRHNAME	&NSPHNAME	Host name for router &NSPSPN.
&RTRDM	&NSPDM	Domain that owns the router &NSPSPN.
&RCMD	&NSPCMD	Last command sent to router &NSPSPN.
&RTRINDEX	&NSPINDEX	Number of commands saved for retrieve.
&c =	&c=	Saved command.
&RTRRCMD&c	&NSPRCMD&	=&NSPSPN &NSPHNAME &NSPDM &RCMD
&DEBUG	&DEBUG	Saved value of NSPCMD DEBUG operand.
&CTRACE	&CTRACE	Saved value(s) of NSPRESET CTRACE operand(s).

Programmer Reference for NetMaster Version

This section contains the following topics:

- NCLs and Jobs for NetMaster
- Common Variables for NetMaster
- Operator Task Globals for NetView

NCL Names and Jobs for NetMaster

This section provides a listing of NCL names and jobs available with the Native Service Point for NetMaster.

Table 6 shows the NCL descriptions for NetMaster version.

Table 6 Correct Names of NCL Descriptions for NetMaster

CLIST Names Listed in the Manual	Correct CLIST Names	Descriptions
RTRCMD	NSPCMD	Cisco/NetMaster router.
RTRHELP	NSPHELP	Cisco/NetMaster help panel
RTRMGR	NSPMGR	Router status display NCL.
RTROPER	NSPOPER	Cisco/NetMaster operator reset NCL.
RTRRESET	NSPRESET	Cisco/NetMaster messsage retrieval reset.
RTRSINIT	NSPSINIT	Router Manager initialization NCL.
RTR590E	NSP590E	Status automation NCL.

Table 7 shows the job descriptions for NetMaster version.

Table 7 Correct Names of Job Descriptions for NetMaster

Jobs	Description
PNALLOC	Cisco/NetMaster NCL
PNLRESTR	Cisco/NetMaster NCL
NSPMSGPR	MSGPROC for sample automation job.

Common Variables for NetMaster

This section provides a listing of common variables available with Native Service Point for NetMaster.

Table 8 shows the common variables for NetMaster version.

Table 8 Correct Names of Common Variables for NetMaster

Common Variables Listed in the Manual	Correct Operator Variables	Description
&000RTRSINIT	&000NSPSINIT	Date and time the **nspsinit** command was last executed.
&000RTRNUM	&000NSPNUM	Number of routers being monitored.
&node	&node	Router Service Point Name.
&000&node = &n =	&000&node = &n =	Index number assigned to router &node.
&000RTR&n	&000NSP&n	Name of router (&node).
&000RTD&n	&000RTD&n	Name of domain that owns router &node.
&000RTH&n	&000RTH&n	Host name defined in router &node configuration.
&000RTS&n	&000RTS&n	Status of router &node.
&000RTO&n	&000RTO&n	Name of operator monitoring router &node.
&000RTO&n	&000RTO&n	Saved value of **nspcmd debug** operand.

Operator Variables for NetMaster

This section provides a listing of operator variables available with Native Service Point for NetMaster.

Table 9 shows the operator variables for NetMaster version.

Table 9 Correct Operator Variables for NetMaster

Operator Variables Listed in the Manual	Correct Operator Variables	Descriptions
&RTRSPN	&NSPSPN	Router being interrogated by operator.
&RTRHNAME	&NSPHNAME	Host name for router.
&RTRDM	&NSPDM	Domain that owns the router.
&RCMD	&RCMD	Last command sent to the router.
&RTRINDEX	&NSPINDEX	Number of commands saved for retrieval.
&c	&c	Index for saved command.
&RTRRCMD&c	&NSPRCMD&c	Saved command
&RTRRCMD&c	&NSPRCMD&c	&NSPSPN &NSPHNAME &NSPDM &RCMD

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