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Nortel Networks
Policy Switch (BPS/BS460/BS470)
Version 3.0.6

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Part No.: 215788-B
Updated: 12/04/2003
Readme Version: 1.3

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RELEASE SUMMARY:

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The Policy Switch v3.0.6 software is a patch release.

PLATFORMS SUPPORTED:

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BPS2000
BS460-24TPWR
BS470-24T
BS470-48T

NOTES FOR UPGRADE:

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See "Release Notes for the BayStack Operating System Switching Software (BoSS) 3.0 for BayStack 460, 470, and BPS 2000", document No. 215148-A dated May 2003.

VERSION OF PREVIOUS RELEASE:

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Version 3.0.3

COMPATIBILITY:

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Same as Release v3.0.
Managed by Java Device Manager v5.6.1.

CUSTOMER CRs RESOLVED IN THIS RELEASE:

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Q00755313 - Tagged packets counted twice at the ingress of BPS 2000-GE MDA
Q00733678 - IGMP report loop on MLT port with proxy disable
Q00585849 - BPS2000-4TX MDA, port 25 speed/duplex change after soft reset
Q00748796 - Console timeout sessions from any port configuration menus blocks access to those menus from telnet
Q00607019 - IGMP proxy may spoof IP addresses with pseudo queriers
Q00764260 - Connectivity issues for AppleTalk traffic on 470 and BPS
Q00691410 - No trap is sent after a BPS2000 unit which goes down and then comes back up

NEW FEATURES IN THIS RELEASE:

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RADIUS Access Challenge:

This feature requires no configuration on the switch, and is automatically activated based upon the response from the RADIUS server. The authentication process is as follows:

- 1) User telnets to BPS2000/BS460-24TPWR/BS470-24T/BS470-48T
- 2) Switch queries user for RADIUS authentication info (username and password)
- 3) Info sent to RADIUS server (access request)

- 4) RADIUS server, when so configured, sends request to a secure authentication server
- 5) The server in turn sends back access-challenge with state information and challenge reply information
- 6) Switch receives response and displays a challenge screen to the user with the challenge reply information and gets a response from the user
- 7) The user's original username and the new response are then sent to the RADIUS server in a new access request.
- 8) The access request then goes through the same validation process as in step 4 on, and may get more challenges, or access accept/reject

RADIUS Password Fallback (Q00604265):

It is now possible to access the switch using a fallback password if the RADIUS servers are down or unavailable.

KNOWN ISSUES:

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If you are remotely telnetting to a switch and accessing the Port Configuration page and the network connection is lost before the telnet session times out, you will not be able to access the Port Configuration page locally through a console terminal. To workaroud this issue, set the telnet time-out value to less than 10 minutes.

The CR fix for Q00585849 only applies to a pure stack of BPS2000's and an allied stack (BPS2000 and BS470). In a mixed (BPS2000 and BS450), the issue is still reproducible.

Q00691669: While staging unit replacement, can't change Target Unit with 2 opened telnet sessions.

Q00696227: While staging unit replacement, Clear Target on renumber screen works only on the base unit.

Q00692114: IP address on the ping field only displays on unit 1 of allied stack.