



Ethernet Routing Switch 5510/5520/5530 Software Release 4.2.1

1. Release Summary

Release Date: 10-Oct-2005

Purpose: Software patch release to address customer found software issues.

2. Important Notes Before Upgrading to This Release

None.

3. Platforms Supported

Ethernet Routing Switch 5510/5520/5530

4. Notes for Upgrade

Please see "System Configuration Guide for Nortel Ethernet Routing Switch 5500 Series, Software Release 4.2" (Part No. 217462-A, available at <http://www.nortel.com/support>. In the Product Finder, select Routers & Routing Switches -- Ethernet Routing Switch, then Ethernet Routing Switch 5510, 5520, or 5530-24TFD, followed by Documentation) for details on how to upgrade your Ethernet Routing Switch.

File Names For This Release

File Name	Module or File Type	File Size (bytes)
bs5520_boss42011_diag.bin	Diagnostic image	808,508
bs5520_boss421_004.img	Agent code image	4,109,148
bs5520_boss421_005s.img	Agent code image (SSH)	4,201,208

5. Version of Previous Release

Software Version 4.2

6. Compatibility

This software release is managed with Java Device Manager (JDM) release 5.9.0.

7. Changes in This Release

New Features in This Release

The front panel port statistics now displays the number of packets that are dropped due to lack of resources on the egress; this additional information is now displayed as “Dropped on No Resources”. For displaying the ingress dropped packets, the Ethernet port error MIB “In-Discard” should be used. This feature is not supported on 5530 10 Gig ports (**Q01205046**).

Old Features Removed From This Release

None.

Problems Resolved in This Release

When using EAPOL Radius for authentication, the secondary Radius server serviced nearly half of the authentication requests while the primary server was active (**Q01180650-01**).

When using EAP for authentication, an XP client did not at times get properly authenticated (**Q01207127**).

The IfHCOctets counter only returned a 32-bit value on fiber ports; this is now corrected to return a 64-bit value (**Q01135795**).

Running SNMP polls under high level of unresolved ARP traffic could cause memory leaks resulting in stack instability (**Q01182805**).

8. Outstanding Issues

The repeated use of the CLI command “Mem-show” while sending out a large number of ARP requests could cause stack instability (**Q01215718**).

9. Known Limitations

None.

10. Documentation Corrections

For other known issues, please refer to the product release notes and technical documentation available from the Nortel Technical Support web site at: <http://www.nortel.com/support> .

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