



Ethernet Routing Switch 4500

Software Release 5.1.4

1. Release Summary

Release Date: 18-December-2008

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 4500 (all models).

4. Notes for Upgrade

Please see "Release Notes for the Ethernet Routing Switch 4500 " (Part No. 322818-C, available at <http://www.nortel.com/support>, select Ethernet Routing Switch family, then select the appropriate Ethernet Routing Switch 4500 model) for details on how to upgrade your Switch.

File Names For This Release

File Name	Module or File Type	File Size (bytes)
4500_510007_diag.bin	Diagnostic image	1,580,460
4500_514008.img	Agent code image	5,321,824
4500_514009s.img	Agent code image (SSH)	5,566,644

5. Version of Previous Release

Software Version 5.1.3.

6. Compatibility

This software release is managed with Java Device Manager (JDM) release 6.0.9.

7. Changes in This Release

New Features in This Release

None.

Old Features Removed From This Release

None.

Problems Resolved in This Release

The ifSpeed attributes is now being correctly returned for the 10 Gig interfaces (**Q01912696**).

DHCP packets are now correctly processed by the Port Mirroring application when DHCP Snooping is enabled (**Q01897010**).

The 'show mac-address-table port x/x' command now produces an output (**Q01887303-02**).

The loading of the switch binary configuration is now correctly handled under certain corner-case initialization conditions (**Q01911604**).

Stack instability when port-mirroring was enabled on a stack of 5 to 8 units has now been addressed (**Q01948148**).

IP phones now correctly work when Dynamic ARP inspection is enabled (**Q01951221-01**).

DHCP Discover packets larger than 590 bytes are now correctly forwarded when DHCP Snooping is enabled (**Q01931641**).

VLACP now correctly keeps the link in a down state when there is no partner communication from the far end (**Q01931035-01**).

Port Mirroring using the port mirroring <-> PortX function now correctly captures the egress routed traffic (**Q01928111**).

When port mirroring is enabled and then disabled, the previous STP port state is now maintained (**Q01951054**).

When using certain versions of the Nortel 10 Gig XFP (AA1403001-E5) intermittent connectivity issues are now addressed (**Q01922007**).

8. Outstanding Issues

When an active Port Mirroring session is disabled, the monitor port may display an incorrect STP state (Q01969822)

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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