



Ethernet Routing Switch

5510/5520/5530/5698TFD(-PWR)/5650TD(-PWR)/5632FD
Software Release 6.1.3

1. Release Summary

Release Date: 11-May-2010

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

2. Important Notes Before Upgrading to This Release

For customers upgrading from older software versions, a series of upgrades are required to prevent configuration corruption under certain circumstances. Customers upgrading to release 6.0.1 and later versions from software versions prior to Release 6.0, must first upgrade to Release 6.0. Please see "Ethernet Routing Switch 5000 Series Release Notes - Release 6.0" for details on how to upgrade your Ethernet Routing Switch to Release 6.0.

3. Platforms Supported

Ethernet Routing Switch 5510/5520/5530/5698TFD(-PWR)/5650TD(-PWR)/5632FD

4. Notes for Upgrade

Please see "Nortel Ethernet Routing Switch 5000 Series, Configuration – System, Software Release 6.1" (NN47200-500, available at <http://www.nortel.com/support>). Under Technical Support, select Routers & Routing Switches followed by Ethernet Routing Switch 5510, 5520, 5530-24TFD, 5698TFD(-PWR), 5650TD(-PWR) or 5632FD) for details on how to upgrade your Ethernet Routing Switch.

File Names for This Release

File Name	Module or File Type	File Size (bytes)
5xxx_60009_diags.bin	Diagnostic image	2,464,972
5xxx_613024.img	Agent code image	15,839,496
5530_613025s.img	Agent code image (SSH)	16,376,356

5. Version of Previous Release

Software Version 6.1.2.

6. Compatibility

This software release is managed with Java Device Manager (JDM) release 6.2 or later.

7. Changes in This Release

7.1. New Features in This Release

7.1.1 Stack Health Monitoring and Recovery

7.1.2 Modify 802.1ab detection mechanism in ADAC to ensure full compatibility with the Avaya IP handsets (**Q02109202**).

7.2 Old Features Removed From This Release

None.

7.3 Problems Resolved in This Release

After upgrading from 6.0 to 6.1, interface names for the non-base unit were lost (**Q02024643, Q02019044**)

Using filters on multicast traffic caused OSPF control packet drops (**Q02103672-01**)

The switch did not properly pass MIB values for port security Auth Status to JDM (**Q02011169-02**)

A specific type of multicast packet on 56xx caused sporadic resets with out logging an exception (**Q02094042**)

When the switch has a route to a network that is learned from an OSPF neighbor and it is equal to one of its downed local interfaces, the switch will hang when that interface is brought up (**Q02075419-02**)

Link doesn't come up when AA1419069-E6 and AA1419070-E6 parts are used on 55xx (**Q01966044-02**)

In an SMLT Full Mesh environment, Traffic was lost when the core stack was powered down/rebooted (**Q02101874**)

With IGMP Snooping enabled, multicast traffic was not properly forwarded on Non-EAP ports (**Q02109643**)

With MAC Security enabled, there were unwarranted writes to NVRAM without any configuration changes (**Q02126138**)

In a RADIUS setup, the switch sends continuous authentication requests to the user "Nortel" (**Q02113703-02, Q02120164**)

The switch returns incorrect value for SNMP request for ifHCOutUcastPkt (**Q02119264**)

Locked Telnet sessions some times caused stack instabilities (**Q01899506-01**)

The 'radius-server password fallback' defaulted to "No" after upgrading to 6.1.2 (Q02119855)

Addressed the data exception error: "Data Access Task Name 'ltdt' "(Q02024889-02)

Support for creating user-defined protocol VLANs with SNAP encapsulation, unable to create a user defined VLAN using AppleTalk PIDs. (Q02128054)

Fixed the issue when IST could not be enabled thru JDM (Q02126805)

I2004 Phase 2 set connected to an EAPoL/ADAC configured port of the switch got the "Server Unreachable" error (Q02135088)

The link did not come up with BX SFPs between two ERS5530 switches (Q02116585)

Base Unit in an ERS5600 Stack running v.6.1.1.016 leaves and then later rejoins the stack while traffic is flowing at 1% bandwidth (Q02106434)

Stack Instability occurred when adding a unit with traffic flowing (Q02101619)

LACP Aggregations are lost when base unit resets (Q02106430)

8. Outstanding Issues

None.

9. Known Limitations

None .

10. Documentation Corrections

None.

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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