



# Ethernet Routing Switch

5510/5520/5530/5698TFD(-PWR)/5650TD(-PWR)/5632FD  
Software Release 6.0.5

## 1. Release Summary

Release Date: 22-March-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 6.0" (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_605028.img	Agent code image	15,369,540
5530_605029s.img	Agent code image (SSH)	15,908,276

## 5. Version of Previous Release

Software Version 6.0.4.

## 6. Compatibility

This software release is managed with Java Device Manager (JDM) release 6.1 or later.

## **7. Changes in This Release**

### **7.1. New Features in This Release**

- Total system uptime in days since first power up
- Support for DDI SFPs
- Improved 802.1AB detection to work with Avaya Ip Handsets (Q02109202)
- Shared port enhancement

### **7.2 Old Features Removed From This Release**

None.

### **7.3 Problems Resolved in This Release**

Radius Accounting Configuration is not saved after upgrade (**Q01995703**).

ERS55xx/6.0.3-keeps sending re-authentication when radius VLAN Assignment NEAP (**Q01994731**)

Static routes getting disabled, after link to next hop is broken (**Q02002640**)

8 sec impact on traffic through base unit when non-base is reset (**Q01997338**) –

SLPP packets loop over 55xx MLT ports during VLACP link flap on the BS (**Q01926412-01**)

Port Names Are Missing When Upgrading From 6.0.1.0 to 6.0.3.0 (**Q02019044**)

Auth Status not properly returned in JDM/SNMP for Port Security (**Q02011169-01**)

Running Security scans by using Qualys tools caused switch crashes (**Q02004709-01**)

RSTP MLT ports seen as forwarding but actually blocking (**Q02011420-01**)

Data Exception type: Data Access Task Name "tldt" (**Q02024889**)

EAPoL is properly functional only when Radius server is reachable with ICMP (**Q02025072**)

The switch is not relaying DHCP larger than 590 byte (**Q02042427-03**)

Some Layer-2 packets are not properly forwarded (**Q02032738-01**)

Intermittent traffic loss over DMLT connections to 8600 (**Q02045069-02**)

IfAdminStatus and IfOperStatus Show Interface As Being Down (**Q02073525**)

5520 6.0.2 Transmit BPDUs After STP Is Disabled Causing MLT Port Blocking (**Q02082301**)

VLAN creation causes switch to wedge (repeatable) (**Q02039074**)

Filter on Multicast Traffic drops OSPF control traffic (**Q02103672**)

Switch Locks Up When OSPF Interface Is Brought Up (**Q02075419-01**)

Certain DHCP clients don't have an entry in the binding table (**Q02084318-01**)

Switch failed to respond to DoS attack (**Q02009674-01**)

Re-booting edge switch triggers SLPP loop on core switch uplink port (**Q02045991**)

## **8. Outstanding Issues**

None.

## **9. Known Limitations**

With SMLT configured, the default route was learned on an incorrect port after core stack reboot (**Q02123318**)  
Is issue is only partially fixed in 6.0.5, not reproducible with 6.1.2. There are two workarounds:

- clear the arp-cache
- Configure VLACP on the IST ports.

## **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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