



# Ethernet Routing Switch 5510/5520/5530 Software Release 5.1.5

## 1. Release Summary

Release Date: 03-May-2010

Purpose: Software patch release to address customer 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. This upgrade path includes the following releases: 4.0, 4.1, 4.2 and 5.0.

## 3. Platforms Supported

Ethernet Routing Switch 5510/5520/5530

## 4. Notes for Upgrade

For details on updating the software on your Ethernet Routing Switch, please see "*Nortel Ethernet Routing Switch 5500 Series, Configuration — System*" for software release 5.1 (NN47200-500 v03.01). To download this document, go to <http://www.nortel.com/support>, and select **Routers & Routing Switches**. Under Ethernet Routing Switches, select either **Ethernet Routing Switch 5510, 5520, or 5530-24TFD**. Click on **Documentation** in the gray banner to view a list of all documentation for the product.

### File Names for This Release

File Name	Module or File Type	File Size (bytes)
5530_500004_diag.bin	Diagnostic image	812,036
5530_515008.img	Agent code image	6,018,916
5530_515009s.img	Agent code image (SSH)	6,269,472

## 5. Version of Previous Release

Software Version 5.1.4.

## 6. Compatibility

This software release is managed with Java Device Manager (JDM) release 6.0.2 or later.

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

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

None

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

None.

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

When unknown multicast no flood filter was enabled the multicast packets used by OSFP were blocked (**Q02007873**)

Uplink fiber port was set to "Custom" instead of "Enabled" after code upgrade to 5.1.3 (**Q02023262**)

Stack did not properly pass MIB values for Auth-Status (**Q02011169**)

HTTP web-server crashed when running specific security test (**Q02004709**)

Under certain conditions, when a new MLT was configured, traffic did not properly flow through both links of the MLT (**Q02011420**)

Link did not come up when specific SFPs were used on (**Q01966044**)

SSH login accepted any username except blank (**Q02010762**)

Exception Error with Data Access Task Name "tldt" (**Q02024889**)

#### **NSNA Fixes:**

Clients received wrong IP addresses when the switch rebooted with fail-open enabled (**Q02004307**).

After Switch reboot, if SNAS did not connect, ports were not up for 15 minutes (**Q02007477**).

After running a TFTP script, some times the IP management of the switch was lost (**Q02006693**).

Some IP phones may not have their DHCP resolved after a switch reboot (**Q02001648**).

Wrong VLAN ID displayed for the phones when SNAS was up from fail-open state (**Q01999198**).

IP phones some times displayed the IP address of 0.0.0.0 (**Q02001516**).

Under certain conditions, ports on the base unit remained disabled after a SNAS reboot (**Q02010106**).

Resetting the switch when NSNA was not available (fail open state) would intermittently cause some IP phones getting assigned with fail open VLAN instead of the correct voice VLAN (**Q02010822**).

Static PC on a fail open port moved to Red Filter after re-enabling the uplink (**Q02008829**).

Under certain conditions, the phones were unable to get IP (**Q02013289**).

Clients and phones were unable to obtain DHCP addresses if DHCP snooping was enabled (**Q02016900**).

In fail open condition, a static PC behind a phone may not be displayed if the phone reboots (**Q02015388**).

Same MAC addresses were displayed multiple times after client move in fail open state (**Q02016370**).

While Using the Yersinia test tool and performing a DHCP DISCOVERY DoS attack, the switch CLI locked up (**Q02009674**).

Under certain condition, IP management of the stack was lost (**Q02017080**).

Some client MACs did not remain authenticated after reboot stack (**Q02032215**)

## **8. Outstanding Issues**

OSPF adjacencies do not come up when connected to the non-base unit. This issue has been properly addressed in 6.0 and 6.1 code streams (**Q02120772**).

## **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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