



Enterprise Switch Manager

Release 6.3.1

1. Release Summary

Release Date: January 5th 2010

Purpose: The Nortel Enterprise Switch Manager (ESM) Release Notes for release 6.3.1 Provide the following information:

- New features in Enterprise Switch Manager 6.3.1
- Supported operating systems
- Supported devices
- Upgrading and downgrading ESM
- Known issues
- Resolved issues

2. Important Notes Before Upgrading to This Release

None.

3. New features in Enterprise Switch Manager 6.3.1

Primarily a bugfix release for existing ESM 6.3 customers.

- **Bugfixes**

Q02093871	ESM 6.3.0 - VLAN Manager fails managing 470-24T-PWR interfaces 25-26
Q02045747	ESM 6.3 ERS8600 v4.1.5.1. Illegal get buld reply
Q02029278	ESM 6.3 Vlan manager not all switches in vlan displayed
Q02063132	ESM 6.3-Topology map displays hubs in between devices
Q01979470	ESM 6.2- Passport 8600 displays as a group of hubs
Q01999813	ESM 6.1.0.0 Security Issue
Q02063060	Knova: ESM 6.3- 5000 hybrid stack dmlt link shown twice.

- **CAT package**

- The Configuration Auditing Tool verifies 24 configuration and hardware components for Best Practice Configuration. These checks focus on boot flags, runtime operability, and stability features.

- **Platforms Supported**

All Ethernet Routing Switch 8600 modules are supported.

The following software MD5 checksums are included in this release:

4.1.4.0	5.0.0.2
4.1.5.4	5.0.1.0
4.1.8.2	5.0.5.0

4.1.8.3 5.1.0.0
 5.0.0.1 5.1.1.1

- **Directions for use**
 - Starting page. Click on DEVICE CREDENTIALS to populate the device database. HELP displays this document. CONFIGURATION AUDIT begins the audit process.

4. Supported Operating systems

The following table lists the operating systems supported by ESM 6.3.1.

Operating system	Version	File Type
Windows	XP, 2003, 2008 and Vista	esm_6310.exe
Linux	Kernel version 2.2 and above	esm_6310_linux.sh
Sun Solaris/SunOS	8,9,10	esm_6310_solaris.sh

Support for VMware environment for Windows and Linux Operating system

Enterprise Switch Manager 6.3.1 bundles the Java Runtime Environment (JRE) Version 1.6. Operating system patches are required for installing the JRE for some Solaris/SunOS releases. ESM 6.3.1 bundle with JRE 1.6.0_12 for Window 2008

5. Device Support

Device	Software release
Ethernet Routing Switch 8600, including the following hardware: 8681XLW module, 8681XLR module, 8616GTE module, 8672ATME MDA, 8608GBM module, 8608GTM module, 8632TXM module, 8648TXM module, 8672ATMM module, 8683POSM module.	3.0, 3.0.x, 3.1.x, 3.2.0, 3.2.0.2, 3.2.1.0, 3.2.2, 3.3, 3.5, 3.7, 4.0, 4.1, 5.0, 5.1
Ethernet Routing Switch 8600 Web Switching Module	WebOS 9.x, 10.0.x
Ethernet Routing Switch 8100	2.0, 2.0.1.1, 3.1.x, 3.2.0, 3.2.0.2, 3.2.1.0, 3.2.2, 3.3
Ethernet Routing Switch 8300	2.0, 2.1, 2.2, 2.2.8, 2.3, 3.0, 4.0, 4.1, 4.2

Passport 1050/1150/1200/1250	2.0.5.6, 2.0.5.7, 2.0.7.2, 2.0.7.3, 2.0.7.4, 2.1.0, 2.1.3
Ethernet Routing Switch 1424T	2.1
Ethernet Routing Switch 1612G, 1624G, 1648T	1.0, 1.2, 2.1
BayStack 350/410/450	3.0, 3.1, 4.0, 4.1, 4.2, 4.3, 4.4
Business Policy Switch 2000	1.0, 1.0.1, 1.1, 1.2, 2.x, 3.0, 3.1
BayStack 380-24 T	2.0, 3.0
BayStack 420	1.0, 1.0.2, 1.1, 1.1.1, 1.1.2, 1.1.3, 3.0, 3.1
Ethernet Switch 460	2.3, 3.0, 3.1, 3.5, 3.6, 3.7
Ethernet Switch 470-24 T	3.0, 3.0, 3.1, 3.5, 3.6, 3.7
Ethernet Switch 470-48 T	2.1.0 (standalone only), 2.2.0, 2.2.1 (stack also supported), 3.0, 3.0, 3.1, 3.5, 3.6, 3.7
Ethernet Switch 425-24T	2.0, 3.0, 3.0, 3.1, 3.5, 3.6
Ethernet Switch 425-48T	3.1, 3.5, 3.6
Ethernet Routing Switch 5510, 5520	3.0, 3.0.0.1, 3.0, 4.0, 4.1, 4.2, 4.3, 5.0, 5.1, 6.0
Ethernet Routing Switch 56xx	5.1, 6.0
Ethernet Routing Switch 5530	4.2, 4.3, 5.0, 5.1, 6.0
Ethernet Routing Switch 3510	4.0
Ethernet Routing Switch 45xx	5.0, 5.1.x, 5.2
Ethernet Routing Switch 25xx	4.0, 4.1.x, 4.2
Ethernet Routing Switch 16xx	2.1.5.x, 2.1.6.x
Alteon 2208, 2216, 2224, 2424, 2424 SSL, 3408	AOS 21.0
OPTera Metro 1200/1400/1450	1.0, 1.2, 1.3
WLAN AP	1.3

6. Upgrading and downgrading ESM

To upgrade to ESM 6.3.1:

Step Action

-
- 1 Install ESM 6.3.1 in a separate directory.
 - 2 Launch ESM 6.3.1.
 - 3 To migrate existing scheduled tasks from previous software versions of ESM (4.0, 4.1, 5.0, 5.1, 6.0, 6.0.1, 6.1, 6.2, 6.3), use the Scheduled Tasks Upgrade Utility feature (**File > Upgrade**).

Note: To ensure that scheduled tasks have migrated successfully, open and test ESM 6.3.1.

- 4 Uninstall previous versions of ESM (4.0, 4.1, 5.0, 5.1, 6.0, 6.0.1, 6.1, 6.2, 6.3).

—End—

To downgrade from ESM 6.3.1 to a previous version:

Step Action

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- 1 Uninstall ESM 6.3.1.
 - 2 Create a new directory.
 - 3 Install the previous version of ESM.
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—End—

7. Known issues

- **Windows 2008 platform specific** - WinAgents TFTP Server for Windows is a full-service TFTP server realized as a Windows service. This service must be stopped to use ESM bundled TFTP server properly although using "WinAgents TFTP Server" user could achieve same functionalities.

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