Release Notes for Cisco Small Business Pro ESW500 Series Switches Firmware Version 2.1.21

January, 2012

These Release Notes describe the recommended practices and known issues in the Cisco Small Business Pro ESW500 Series Switches firmware version 2.1.21.

The following table lists the boot versions that are associated with firmware version 2.1.21:

Description	Version	Date
Firmware version	2.1.21	December 2011
Boot version	1.0.0.4 (24/48-port models)	May 2008
	1.0.0.7 (8-port models)	October 2009

In the table above, the boot version for the 8-port models is different from the 24- and 48-port models.

Contents

This document includes the following topics:

- **Known Issues When Upgrading**

- **Limitations and Restrictions**

- **Related Information**

Known Issues When Upgrading

In addition, firmware version 2.1.21 requires boot version 1.0.0.7 for the following two 8-port models: esw520-8p-k9-2.1.21.ros for ESW-520-8P and esw540-8p-k9-2.1.21.ros for ESW-540-8P. The remaining 24- and 48-port models require boot version 1.0.0.4.

NOTE The 8-port models with the new VID of V02 (ESW-520-8P-K9 V02 and ESW-540-8P-K9 V02) cannot be loaded with firmware versions of 2.1.16 or earlier.

Issues Resolved

The following issues have been resolved in release 2.1.21:

- Included in this release are new MIB bundles. A listing can be found at:

  www.cisco.com/cisco/software/navigator.html

  Navigate to the download area listed as **Cisco MIBS**

- Fixed an issue with the Switch containing a MAC address with high value in 1st byte calculating itself as a root bridge even though it should not, causing STP problems.

- Fixed an issue with a DSCP setting in policy map for VoIP-Control-Class to dscp 24.

- Streamlined selected MIB values.

- Fixed the possibility of selected Bonjour Message causing switch reboot.

Limitations and Restrictions

The following caveats are acknowledged in release 2.1.21:

Problem: The ESW 500 series switch does not support adding an NTP server (for example, pool.ntp.org) as a hostname.

Solution: Use an IP address of a known NTP server in place of a hostname.

Problem: When viewing the switch port settings, the budgeted power column shows consumed power. The ESW 500 series currently does not support 802.3af class based power allocation.

Solution: There is no workaround.

Problem: There is an error in the documentation that states that the POWER/SYS LED flashes red for hardware failure. This is not accurate, and was intended for a different software release. There is no flashing red POWER/SYS indicator on the ESW 500 series switches at this time.

Solution: There is no workaround.

Related Information

Support	
Cisco Small Business Support Community	www.cisco.com/go/smallbizsupport
Cisco Small Business Support and Resources	www.cisco.com/go/smallbizhelp
Phone Support Contacts	www.cisco.com/en/US/support/tsd_cisco_small_business_support_center_contacts.html
Cisco Small Business Firmware Downloads	www.cisco.com/go/smallbizfirmware Select a link to download firmware for Cisco Small Business Products. No login is required. Downloads for all other Cisco Small Business products, including Network Storage Systems, are available in the Download area on Cisco.com at www.cisco.com/go/software (registration/login required).
Product Documentation	
ESW500	http://www.cisco.com/en/US/products/ps10143/tsd_products_support_series_home.html
Cisco Small Business	
Cisco Partner Central for Small Business (Partner Login Required)	www.cisco.com/web/partners/sell/smb
Cisco Small Business Home	www.cisco.com/smb

OL-23484-01