

Release Notes for Cisco Small Business Pro ESW500 Series Switches

June, 2009

These Release Notes describe the recommended practices and known issues that apply to the ESW 500 Series of Switches for the software release version 2.0.3.

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Release Contents

This software version (2.0.3) contains the following items:

- Provides Cisco Configuration Assistant (CCA) version 2.0 XML support
- Sets the Voice VLAN to Cisco-Voice
- Added a Save Configuration button next to the Logout button in the Switch Configuration Utility to save the startup configuration if changes have been made
- Various Cisco Discovery Protocol (CDP) enhancements that support power TLV, trigger TLV, and allow Small Business Pro devices to operate correctly on the switch

- Various changes to the Graphical User Interface for usability improvements
- Bug fixes

Recommended Practices

- When the user changes the default VLAN, the previous default VLAN will be deleted from the switch. If the user wants to work with the previous default VLAN as a regular VLAN, they should create it again.
- When working with the ESW-520-48P switch and the RPS1000 Redundant Power Supply, the RPS1000 can provide 380W. This is less than the internal power supply on the ESW-520-48P can provide. The user should verify that the consumed PoE power does not exceed 270W before connecting RPS1000 to the switch.
- The real-time clock or internal clock is not currently supported by hardware. As a result, the clock is out of sync after a system reload or power cycle.

Workaround:

Configure the external clock using SNTP.

Known Issues

- When using DHCP snooping with mixed entry types Static and Dynamic, deleting Static DHCP snooping types will result in both entry types reappearing.

Workaround:

In order to delete static DHCP snooping entries the user need to perform the following steps:

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- STEP 1** Disable DHCP snooping database
 - STEP 2** Delete desired static entry
 - STEP 3** Synchronize the clock again (either by clock set command or via sntp) OR reload the device
 - STEP 4** Enable DHCP snooping database

STEP 5 Renew all dynamic hosts IP addresses to be learned again (dynamically) by DHCP snooping table.

- The SNTP server is always displayed as secondary in the preferences column (if two servers are configured both will be displayed as secondary).
- There is a hardware limitation on the ESW-540-48 switch. If you insert a fiber optical cable into one of the four mini-GBIC ports, the corresponding copper port LED should light up, but does not.
- A condition exists where a user is able to log into the switch without providing a username and password. If the user has already logged into the switch, and then clicks the back button on the browser, they are logged out of the switch at this point. Once the login page appears, if the user clicks the login button, they are logged into the switch without providing a login or password. This problem was observed with the Internet Explorer version 7.0.573.13 and the Firefox version 3.0.7 browsers. There is no workaround for this.

Downloading the Firmware

To obtain current firmware for Cisco Small Business and Small Business Pro products, visit the following URL:

www.cisco.com/go/esw500help

Where to Find Support

To obtain current support contact information for Cisco Small Business and Small Business Pro products, visit the following URLs:

www.cisco.com/go/esw500help

-or

www.cisco.com/go/smallbizsupport

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OL-19633-01