Release Notes for SxE20x0

June 2011

These Release Notes describe the recommended practices and known issues that apply to the SxE20x0 for the following software versions:

Firmware	
Firmware version	3.0.1.0
Firmware Image Name	ros_ls1_bp_ge_bx-3010.ros
	ros_ls1_bp_fe_bx-3010.ros
Firmware Release Date	June, 2011
Boot Code	
Boot Code Version	2.0.0.03
Boot Code Image Name	cisco_bp_sge_boot-20003.rfb
	cisco_bp_sfe_boot-20003.rfb
Boot Code Release Date	June, 2009

Contents

Limitations and Restrictions

- IPv6 stateless Autoconfig Trunk fails to negotiate with IPv6 Routers when using tagged VLAN. (CSCto40707)

    - The switch does not process the response from the router (Router Advertisement), therefore the switch will not pick up the address.

    NOTE Creating an IPv6 Interface will overwrite any existing ones. This is a feature limitation.

    - **Workaround**: Use Native (untagged) VLAN.

- If the switch is in static IP mode during an upgrade, it will fail to switch to DHCP mode after the upgrade. (CSCtq49370)

    - **Workaround**: If you want the switch to be in DHCP mode after the upgrade, change the switch to DHCP mode prior to the upgrade.

- If a new firmware image is loaded on image 2, a reboot will set image 1 as the active image. (CSCtq62385)

    - **Workaround**: Install the firmware onto active image 1.

- The Command Line Interface (CLI) does not support an administrative password over 20 characters long. If the GUI password is greater than 20 characters, then you will not be able to access the CLI.

    - **Workaround**: Provision the GUI administrative password with 20 or less characters in order to access the CLI.

- RADIUS login authentication requires a cisco specific server setup, either cisco-avpair (attribute 26) set as "shell:priv-lvl=15" *or* Service-Type (attribute 7) set at level 6 (Administrative-User). For example:

    ```
    admin Cleartext-Password:="pass"

    Service-Type=6,

    cisco-avpair="shell:priv-lvl=15"
    ```

Issues Resolved

- When a user snoops a DHCP request sent by a client via the switch, the switch will change the DHCP binding and set the IP addr to 0.0.0.0. With this new release, the IP address will show the actual IP of the client and not 0.0.0.0 (CSCtk57340)

- When a switch has a MAC with a high value in the 1st byte - it calculates itself as root bridge automatically which affected STP behavior.

- Dropping DHCP packets with option 82 when it does not contain sub-options 1 and 2.

Where to Find Support

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

www.cisco.com/en/US/products/ps9967/ tsd_products_support_series_home.html

www.cisco.com/go/smallbizsupport