

Release Notes for the Cisco 220 Series Smart Plus Switches Firmware Version 1.1.0.14

October 31, 2016

These Release Notes provide information about what's new and known issues that apply to firmware version 1.1.0.14 for the products that the following table lists:

Model	Description	Ports
SF220-24	24-Port 10/100 Smart Plus Switch	fa1-fa24, g1-g2
SF220-24P	24-Port 10/100 PoE Smart Plus Switch	fa1-fa24, g1-g2
SF220-48	48-Port 10/100 Smart Plus Switch	fa1-fa48, g1-g2
SF220-48P	48-Port 10/100 PoE Smart Plus Switch	fa1-fa48, g1-g2
SG220-26	26-Port Gigabit Smart Plus Switch	g1-g26
SG220-26P	26-Port Gigabit PoE Smart Plus Switch	g1-g26
SG220-50	50-Port Gigabit Smart Plus Switch	g1-g50
SG220-50P	50-Port Gigabit PoE Smart Plus Switch	g1-g50
SG220-28	28-Port Gigabit Smart Plus Switch	g1-g28
SG220-28MP	28-Port Gigabit PoE Smart Plus Switch	g1-g28
SG220-52	52-Port Gigabit Smart Plus Switch	g1-g52

These caveats apply to:

- Firmware version: 1.1.0.14
- Bootloader version for 24-port switches: u-boot-Sx220-24-1.0.0.6.bin
- Bootloader version for 48-port switches: u-boot-Sx220-48-1.0.0.6.bin



TIP As with any firmware release, please read these release notes before upgrading the firmware. We also recommend that you back up your configuration before any firmware upgrade.

For detailed information about upgrading the firmware, see the “**Upgrading the Firmware Image**” section in the administration guide for this release.

What’s New in This Release

- 802.1X support:
 - Single-host, multi-host and multi-session mode
 - RADIUS VLAN authorization
 - Single-host mode violation actions
- Green features:
 - Port LED ON/OFF administratively
 - Time-based port management
 - Time-based PoE
- Loopback detection
- Spanning tree loopback guard
- Enable PoE+ for all ports on all global SKU
- Support for CISCO-CONFIG-COPY-MIB

Resolved Issues

The following table lists the resolved issues in firmware version 1.1.0.14:

Ref Number	Description
CSCun61800	Ethechannel CLI—Output needs modification
CSCux68093	Support IF-MIB 64-bit counters
CSCux68099	Using autoconfig method, bad config file is not rejected
CSCuy32960	“show tech” output stops and prompts with “--More--”

Known Issues

The following table lists the known issues in firmware version 1.1.0.14:

Ref Number	Description
CSCuy16641	Port input error counters increment when receiving packets are dropped due to Spanning Tree or VLAN mismatch. Workaround: None.
CSCun69641	All users logged in to the switch using the RADIUS server for authentication have the same privilege level (level 15), regardless of their privilege levels defined on the RADIUS server. Workaround: None.
CSCun69651	Ingress rate limit with a small rate setting such as 512 Kbps may not take effect immediately due to the ingress bandwidth burst capability (8 MB burst size). Workaround: None.

Related Information

Support	
Cisco Support Community	www.cisco.com/go/smallbizsupport
Cisco 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 Firmware Downloads	www.cisco.com/go/smallbizfirmware Select a link to download firmware for Cisco Products. No login is required.
Cisco Open Source Requests	www.cisco.com/go/smallbiz_opensource_request
Cisco Partner Central (Partner Login Required)	www.cisco.com/web/partners/sell/smb
Product Documentation	
Cisco 220 Series Switches	www.cisco.com/c/en/us/support/switches/small-business-220-series-smart-plus-switches/tsd-products-support-series-home.html
Regulatory Compliance and Safety Information	www.cisco.com/en/US/docs/switches/lan/csb_switching_general/rcsi/Switch_ClassA_RCSI.pdf
Warranty Information	www.cisco.com/go/warranty

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