

Stride SE- Series Managed Switch Firmware Release Notes

Version 5.3.192 (September 2020)

Major New Features

- Security enhancements

Bug Fixes

- Fixed problem where some switches did not correctly apply settings when an SFP is installed resulting in fiber issues.
- Fixed incorrect initialization of 16MS and 18MG switches which could result in two switches calculating identical port MAC addresses.
- Fixed inability to configure DHCP server when upgrading from pre-5.3 series firmware to 5.3 series firmware.
- Fixed DHCP server was passing the switch as the gateway when the switch has a gateway configured itself. Now, if the switch has a configured gateway, that will be passed as the gateway to DHCP clients. If it does not, the switch's IP will be sent as the gateway address.
- Removed validation which would incorrectly flag some non-broadcast IPv4 addresses as broadcast, which would, in turn, not allow you to set the IPv4 address to a valid address.
- Fixed possible missed state transitions if there is more than one Spanning Tree Instance.

Version 5.3.174 (January 2017)

Major New Features

- Add ability to configure administrator user names
- Add ability to add additional users
- Enhanced IEEE 802.1X support

Bug Fixes

- Corrected default fiber port settings for models with fiber ports
- Fix not sending EAPOL packet on link up.
- Added finer-grained rate limiting
- Change to a more robust DHCP client

- Generate unique SSH keys and SSL certificates on first boot
- Fix port security settings not propagating across SE-SW16M switches
- Fixed CPU port traffic not being rate limited on SE-SW10MG-2P and SE-SW8MG-4P switches.
- Updated kernel, OpenSSL, OpenSSH, Lighttpd, and BusyBox.
- Flush old addresses when starting DHCP.
- Fixed error detection when updating firmware using the web UI or TFTP.
- Only rewrite SNMP configuration on boot if it actually changed. Previously, we'd always rewrite it, even if it didn't change.
- Moved the password to a common location shared by both firmware instances.
- Fix endian-flipped STP root id.
- Fixed password tools to accept more than 8 characters.
- Fix broadcast traffic not being capped on SE-SW10MG-2P and SE-SW8MG-4P switches when "Broadcast" or "Broadcast, Multicast" is selected.
- Fix display of uptime in web UI.
- Fix regression which broke telnet.
- Fix errors in CLI's IKE validation.
- Fix errors in CLI's Modbus validation.
- Fix bug where SNMP wasn't responding to broadcast UDP packets

Note that the following features are not supported in the listed models:

Feature:	Not supported in these models:
MAC Port Security	SE-SW5M SE-SW5M-2SC SE-SW5M-2ST
MGMT VLAN ID	SE-SW5M SE-SW5M-2SC SE-SW5M-2ST SE-SW8M SE-SW8M-2SC SE-SW8M-2ST

Q in Q	SE-SW5M SE-SW5M-2SC SE-SW5M-2ST SE-SW8M SE-SW8M-2SC SE-SW8M-2ST
MAC Address Table	SE-SW16M