



SESPM1040-541-LT-xx Release Notes

Date: July 1, 2019

Version: 2.0.4.6

Overview

This release note covers the requirements, important notes, new features and changes, addressed issues and known limitations for the Self-Enclosed Managed Hardened Gigabit Ethernet PoE++ Switch.

Firmware version 2.0.4.6 and these release notes apply to the following products:

- SESP1040-541-LT-AC-xx
- SESP1040-541-LT-PD

Requirements:

Access to the management info for the SESP1040-541-LT-xx is available using the Web UI on a desktop or laptop with Windows OS or Linux distro, NFC on a smartphone or tablet with Android OS, BLE on a smartphone or tablet with Android OS, or Command Line Interface (CLI) via the console port. Management is also available via SNMP.

New Features and Enhancements:

This release provides support for existing Self-Enclosed Managed Hardened Gigabit Ethernet PoE++ Switch model numbers:

- SESP1040-541-LT-AC-xx Self-Enclosed PoE++ Switch w/region-specific AC power cord

This release of firmware version 2.0.4.6 adds support for the following model number:

- SESP1040-541-LT-AC-PD Self-Enclosed PoE++ Switch, PoE Powered version
- SESP1040-4P-DIG Self-Enclosed PoE++ Switch Digital Input/Output Module

This release also includes the following enhancements:

- PoE remains active through reboot and backup/restore cycles, assuming the configuration hasn't changed. (With firmware upgrade to version 2.0.4.6 from an earlier release, PoE will power cycle once.)
- NFC enabled by default.
- BLE enabled by default.
- PoE Allocation and PoE Priority has been added to web UI PoE Configuration.

Related Documentation:

- Self-Enclosed Managed Hardened Gigabit Ethernet PoE++ Switch Install Guide (33772)
- Self-Enclosed Managed Hardened Gigabit Ethernet PoE++ Switch Operation Guide (33773)
- Self-Enclosed Managed Hardened Gigabit Ethernet PoE++ Switch Quick Start Guide (33783)
- SESP1040-2P-1G-CP Additional Combo Port Module Option Install Guide (33779)



Known Limitations:

- Restore Configuration does not correctly apply SNMP community string changes. User will have to apply community string changes manually.
- Output of show running-config, show startup-config command is not user friendly.
- The character # should not be used in any text fields.
- Flow Control is off by default. There is no user interface to change this.
- Spanning Tree is on by default. There is no user interface to change this.
- When the switch is powered up there is no output on the console port for over a minute as the switch reboots.
- Changing system name from web UI or through Restore System Configuration, user must change views in CLI for the change to show in CLI prompt.
- Digital I/O port descriptions cannot contain a space character. Port description may save but will not restore properly.

Features Coming Soon:

- PoE Negotiation via LLDP
- IEEE 802.1q and IEEE 802.1ad VLANs
- DHCP Server
- DHCP per port
- Spanning Tree – user control
- LLDP
- MAC Tables
- Tamper Detection
- IEEE 802.1AX LACP
- IEEE 802.1x Port Authentication