



SISPM1040-582-LRT Release Notes

Date: Nov.19, 2020

Version: vB7.20.0016

Overview

This release notes covers firmware version vB7.20.0016 and MIB for SISPM1040-582-LRT

Release Changes and Enhancements

[New Features & Changes]

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- * Add DI/DO set/get via Unified API.
- * Have TLV IEEE802.3 MAC/ PHY configuration/status in LLDP packets.
- * Add RADIUS and TACACS Key encrypt AES256 on Show Running Config.
- * Modify name "Non-stop PoE" to "Always-On PoE" and add "Always-On PoE" in mib.
- * Add d auto logout mechanism.
- * Support unified API and Device list table.
- * support 802.3bt standard.
- * Add MRP Ring option in Trap Event Severity Configuration.
- * Modify System Information Name display requirement.
- * Add Click Save Button when Save Start Button on Web UI

[Bugs Fixed]

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- * API: After using the API of "Get DI DO Status", will cause DIDO PD's Do to be reset.
- * Upgrade: Upgrade the image via CLI, CLI will show error message "failed: File too large" and upgrade fail.
- * DIDO: The DO auto-recovery cannot be reset to default value after performing reload default.
- * API: Once login is performed from one client; all any clients are allowed to get data.
- * LLDP: The LLDP packet with IEEE802.3 power via mdi information sent from Port 10(fiber port).
- * LLDP: When the switch receives a packet with LLDP-MED, it will send an IEEE802.3 MAC/ PHY packet with two configuration/status TLV.
- * Web: Set the auto logout setting to 1 min, and then execute Maintenance>Restart Device, but the setting still is 1 min after switch restart.
- * Web: Floor Image Management Help description and behavior should be consistent.
- * API: Setting ip address/dhcp/fallback/ip via api/set_ip_address, the interface does not have fallback timer.

- * API: Set PoE mode to 4pair90w via /api/set_poe_config, the API PoE Mode show 2-pair, but show Disabled in web ,and show 4pair2pair in CLI.
- * API: Set PoE mode to 4pair60w via /api/set_poe_config, the API PoE Mode will show 4pair60W.
- * Web: Select the "Software Upload" page, will show Non-Stop-PoE in web, and then change to Always-On PoE.
- * Web: Setting radius/tacacs config(key is not encryption)and reboot, the CLI will show Error: HTTPD cache has no valid entry!
- * Web: Setting radius/tacacs config (key is encryption), the CLI will show Error: HTTPD cache has no valid entry!
- * API: get_port_config and set_port_config returns media is "cooper"
- * API: set_mirror_config does not exactly apply configuration to the switch.
- * API: The reply JSON format of "device_list_table" doesn't have a beautifier.
- * SNMP: Setting the OID of Always-On PoE mib doesn't keep after reboot.
- * MIB: Mib file still shows "poe auto check", it should be "poe auto power reset".
- * PoE: Connect CREE PD(Model:32L-ACK-POE), the lamp cannot reach the brightest.
- * CLI: Performing the "no hostname" command, the hostname does not restore to default.
- * timeout: Set timeout as 1 min and save to startup config, the timeout behavior is not expected.
- * AAA: There is http redirect command in custom-config, when uploading the no http redirect command of custom-config, abnormal phenomenon will occur.
- * Timeout: The timeout behavior is different from the setting.
- * MRP: domain Events time stamp information is wrong.
- * Syslog: The first syslog sent by the switch is incorrect.
- * CLI: When idle time (auto logout time) is reached, Web page does not automatically go to login screen.
- * Web: After entering the First time wizard without setting a password and closing the browser, connecting again will directly enter the system information.
- * 802.1X: Use Cisco ISE server, MAC-based Authentication will fail.
- * CLI: "show dhcp" command cannot be executed rarely.
- * PoE: When PoE mode is 2-pair mode, the switch will supply power through the four cores of RJ45 (4,5,7,8).
- * Switch cannot issue DHCP IP other than VLAN 1.
- * Web: Modifying the System name will change to the Model Name on the left

Known Limitations and Restrictions

1. Need to follow the upgrade procedure: upgrade switch to vB7.10.2706 at first, then upgrade it to vB7.20.0016
2. Once the SISPM1040-582-LRT is upgraded to vB7.10.2706, there is no way to fall back to the old firmware versions.