SISPM1040-582-LRT Release Notes
Date: May.8, 2019
Version: 7.10.1959

Overview

This release notes covers firmware version v7.10.1959 for SISPM1040-582-LRT

Release Changes and Enhancements

[New Features & Changes]
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* Modify RJ45 1,2,3,6 PoE Power Polarities to Meet 802.3bt Type 4 Standard "HW MRS".
* Modify PoE Enable Circuitry to support Soft-Reboot Feature on sheet "HW MRS".
* Add Soft-Reboot PoE Non-stop Feature on sheet "SW MRS.
* Add disable/enable option for SNMP write community.
* DMS mode enhancement
  - Default value
   = Mode: enabled
   = Priority: low
* Security improvement
  - Disconnect SSLv2 and SSLv3 for HTTPs connection, only use TLS v1.2.
  - Use SHA256 as signature algorithm for the certificate instead of SHA1, use 2048 bit RSA key.
  - Remove the weak ciphers.
   = x16 DH(keyExch.) 3DES(Encryption) 168(Bits)
   = x0a RSA   3DES   168
   = x9a DH   SEED   128
   = x96 RSA   SEED   128
   = x05 RSA   RC4   128
   = x04 RSA   RC4   128

[Bugs Fixed]

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* Execute "no snmp-server community v3 public", web still retains the entry.
* Execute reload warm function, after reboot show "VLAN ID 10 is not existed. Please create it and set its IP. % 2 problems found during configuration. "
* Modify ACE ARP Parameters "IP" and "Ethernet" descriptin in HELP and CLI command.
* PoE force mode: Port status shows "PoE turned ON", but no PD is connected on this port.
* ACL : CLI command description is wrong for the "RARP Target MAC Match" parameter.
*SCP function doesn't work after inputting wrong file name 5 times.
* Can't change UDLD message interval.
* MAC based VLAN function doesn't work.

* After executing "no switchport mode" command on a port, the port will be removed from all VLAN group.
* QoS WRR: get a wrong WRR percent via SNMP.
* PoeChipsetRebootMode does not set via SNMP.
* QosPortEgressTagRemarkingMapEntry OIDs is not working.
* Can't set aggregation mode via SNMP.
*Port security: PortSecPortStatusTable OIDs is not working.
*Mirror function CLI and SNMP mismatch and cannot set the function successfully.
*In IGMP proxy mode, the router port can't send IGMP v3 leave packet.
*SNMP can't set ipv4 static route with 32bit net mask.
*Can't delete ipv6 static route by SNMP.
* Switch will reboot after loading customer config file and unplugging/plugging ports with enabling syslog function.
* System is rebooted, when input port-security maximum, and then input any port-security related command.
* Can't erase configuration about SNMPv3 community entry via CLI.
* Type "copy" command, there are typos in the system.
* Fixed switch reboot issue. When NTP is enabled, but switch can't connect to NTP server and get time information

Known Limitations and Restrictions
The "Soft Reboot" feature doesn't work properly on the SISPM1040-582-LRT with serial number A0741YY**AR**WW00001