SMxxTAT2SA Release Notes
Date: Aug.14, 2020
Version: 1.03.1490

Overview

This release notes covers firmware version v1.03.1490 and Mib files for SM8TAT2SA, SM16TAT2SA and SM24TAT2SA.

Release Changes and Enhancements

[Added]
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* RADIUS and TACACS Key use AES256 encryption on Show Running Config
* Add SMTP support
* Timeout expected behavior (save timeout settings)
* "Keep IP Configuration" of "Restore Configuration to Factory Default" needs to keep IP Gateway.
* syslog format is consistent with other switches.
* API: support device list table.
* Add a setting field for non-stop-poe function.
* Time wizard enhancement.
   - Add password verify mechanism
* Use system name as the Web UI tag title.
* Add a cli command and WEB UI page to show the LACP Status.
* Add SHA256 Password Encoding feature.
* Add PoP "Traffic Monitor feature is only available on master switch." Message on All Supported DMS Switches Web UI.
* Add POE with LLDP-MED Feature Request.
* Add Max Reboot Times, for PoE Auto Checking
* SSH Drop Bear Version upgrade to 2016.74 or more.
* Add Traffic monitor back to DMS.

[Bugs Fixed]

* DMS: The DMS will crash when continuously link up/down and looping.
*Web: During manual logout / login, the automatic logout timer behaves abnormally.
*Reload defaults keep-ip affects reboot when the switch uses class B subnet mask.
* PC's NIC has force 100Mfdx, while Restore Configuration to Factory Default, the port cannot link up.
* Aggregation: Using static trunk will produce incorrect information.
* The Switch does not have Non-Stop PoE function.

* Get PoE status thought API, there is "PwrAllocate_val" information.
* AutoCheck: when switch ping is work, the total does not improve.
* Install the first chip with a broken PoE board, the port 1~8 show No PD detected.
* Use a 3 chip-PoE board, and the 1, 3 chip is broken, the PoE status information is displayed incorrectly.
* CLI: Unable to enter TIME.google.com in NTP Server.
* Traffic Monitor page doesn't have path on Upper right corner.
* MIB file validation fails by simpleweb.
* Reboot Max (CLI) conifg and show running-config command is not consist, so save startup-config and reboot will not work.
* PoE Auto Power Reset Configuration cannot be used on different network segments.
*When (POE) Max. Reboot Times achieve limitation Max, the trap behavior of the two models is inconsistent.
* Use API to get PoE status, Missing PwrReq and total PwrReq information.
* Port Statistics Rx Oversize show negative value.
* MIB: ifInNUcastPkts/ifOutNUcastPkts/ifInUcastPkts/ifOutUcastPkts correct value is not obtained.
* API: Get IP Address unable to get switch DHCP IP.
* API: Get Port Statistics, some values are 0, and the correct value is not obtained.
* AutoCheck: "show poe auto-check" does not show number of statistics for the test.
* The PoE interface will stop responding to commands after many failures of the PoE Auto Power Reset feature.
* ifInOctets and ifOutOctets MIB only can reach counter to 31bit (2,147,483,647).
* Port: Currently the switch can be a forward packet of 10,000 bytes in length, but the statistics Tx / Rx size counter provides a 16383-byte field.
* When forwarding packets, the traffic is not overrun, but the error received is displayed.

Known Limitations and Restrictions

n/a