SM12DP2XA Release Notes
Date: Dec.2, 2019
Version: 7.10.2307

Overview

This release notes covers firmware version v7.10.2307 and MIB file for SM12DP2XA

Release Changes and Enhancements

[New Features & Changes]
==
* Add PoP ''Traffic Monitor feature is only available on master switch.'' Message on All Supported DMS Switches Web UI.
* Improve Password Encoding.
* Add NTP Time Sync Interval.
* Add SCP feature.
* DMS Map View - Add upload Google map API key function.
* Disable SSH SHA-1 for connection.
* Modify Alarm LED behavior.
  - Both AC and DC input are detected from system initial, if one of power is removed, system alarm LED will light.
* Modify DMS mode behavior
  - Default value
    = Mode: enabled
    = Priority: low

[Bugs Fixed]
==
* DMS Diagnostics result is wrong when port is link down, it always shows "cable length is 0m".
* After ERPS recover, the ping timeout too long.
* NTP: NTP sync interval is not accurate.
* SNMP: Using SNMPc will result in a reduction in free memory.
* Web: DMS -> Traffic Monitor page does not has help feature.
* NTP: 4 ~5 days after the switch is started, the switch does not actively send NTP packets to synchronize the time.
* CLI: After clean syslog partition, the switch will crash.
* DHCP leaking over PVLAN.
* CPU loading : Use Firfox V68.0.2 to upgrade the firmware, the upgrades window always open, and the CPU loading will reach 99%~ 100% after the firmware upgrade is completed.

* Web: Execute Restart Device via https, if the browser not close, the switch work abnormal after boot, and CLI work abnormal too, and then ping the switch response time almost 1500ms.
* Receiving this message "Secure Connection Failed, it wasn't able to get into the switch using Firefox again.
* NTP: ntp server enter IPv6 address for synchronization, which will cause the switch to automatically reboot.
* Parent node shows between two DMS switches, even gateway already changed to correct one on all DMS switches.
* Topology view is wrong, and parent node shows between two DMS switches.
* Device's http port number can be modified in the topology view, but can't be modified in the DMS device list page.
* Switch will reboot after loading customer config file and unplugging/plugging ports with enabling syslog function.
* Switch will reboot 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.

Known Limitations and Restrictions
1. The password encoding is improved in the firmware version v7.10.2307, user will be unable to login if downgrading the switch to older firmware versions or loading an old configure file in new firmware unless making Factory default.