SM24TAT4XB Release Notes
Date: September 26, 2022
Version: 8.50.0070

Overview

This release note covers firmware version 8.50.0070 and Mib files for SM24TAT4XB

Notes

- Firmware 8.50.0062 is required to upgrade to firmware release 8.50.0070
- A 2-step firmware upgrade is required
    - v8.40.1845 ➔ v8.50.0062 ➔ v8.50.0070

Release Changes and Enhancements

- Modified the "Always On PoE" software behavior.
    = The "Always On PoE" feature will be enabled and shown on web UI after upgrading FW
- Modified name "Non-stop PoE" to "Always-On PoE" and add "Always-On PoE" in mib.
- Added force mode for feeding power to PD without negotiation procedure.
- Added API commands:
    = api/export_config
    = api/import_config
    = api/get_config_action_status
    = Ping
    = Get Ping Status
    = Traceroute
    = Get Traceroute Status
    = Activate Config
    = Auto Power Reset
    = SNMP trap config
    = Show syslog
    = Clear syslog
    = SFP port details

- Added Support DHCP per port function can select a particular IP interface.
- Updated Default adjustment requirement.
    = SNMP mode stays Disabled as factory default.
    = Activate First time wizard mechanism.
    = Auth Method Configuration.

Bugs Fixed

CLI: The description of QCE ipv6 is wrong.

CLI: QoS config output is coming in 'show run feature <lacp|aggregation>' CLI output.

EPS: Discrepancy in EPS 'domain' config options between CLI and WebGUI.

QoS: WebGUI is allowing 0.0.0.0 mask value in QoS QCE Frame Type IPv4/IPv6 SIP/DIP specific parameter without error message.

Diagnostics: The traceroute results is not consistent between Web and CLI.

MIB: Use MG-soft to compile mib file, will show one warning.

Web: ICMP ping page helper description is not correct.

Diagnostics: In Web ui, the Traceroute Max TTL should be set to 255.

LLDP: When the switch receives a packet with LLDP-MED, it will send an IEEE802.3 MAC/ PHY packet with two configuration/status TLV.

LLDP: When the port speed is 10/100Mbps, the IEEE802.3 MAC/ PHY configuration/status TLV error sent from LLDP.

Backup Configuration: Backup Configuration provide download "api_translater.st".

LLDP: PMD Auto-Negotiation Advertised Capbility field does not display all the available speeds of the port.

API: User get wrong information via /api/get_firmware_upgrade_status API.

No response from API if changing IP address.

MIB: Failed to get the SystemInfoProductionDate value but got the unparsed mib node.

API: Can't get PoE firmware version via API.

API: Setting the port config will cause speed mode show 0,00 and 10.

API: Set port speed100Mbps HDX, then set to Auto, then set to Disabled, speed mode shows 00.

PoE: Change poe mode from force mode to enable mode via SNMPc, but value is still force.

MIB: PoeConfigurationPortPoEMode value poeplus (2) is superfluous parameter value.

Access management does not correctly work after restart.

SNMP: Trap Destination Port value range need in 1~65535.

DUT cannot traceroute IPv6 in WebUI.

Can't modify Privilege Levels of Security(access) and Security(network) via Web UI

When traceroute the IP address that is not in the same network segment, web UI will be redirected to an error page.

Known issues
1. VLAN 1 can't be deleted from WebUI
2. Doesn't send SNMP "PoE PD off" trap when PoE mode set to "Disabled"
3. Doesn't send SNMP "warm start" trap when restart switch from Web or CLI
4. Doesn't send SNMP "cold start" trap when the switch power is physically off
5. TACACS+ global key was not configured (empty) in default
6. Doesn't send Syslog "PoE PD off" message when PoE mode set to "Disabled"