

## **Version Info:**

**Firmware for SG3428MP(UN) 6.20, SG3428MP(IN) 6.28, SG3428MP(UN) 6.26.**

**Recommended Omada Controller V6.2.0.**

### New Features

1. Added NAT Traversal feature.
2. Supported Omada Config Tools V2.0.
3. Added support for Lightweight DHCPv6 Relay Agent (LDRA).
4. Extended L2PT functionality to support LLDP and 802.1X protocols.
5. Added IGMP Snooping VLAN SSDP Flood feature to ensure packets for multicast group 239.255.255.250 (commonly used for SSDP service discovery) are always flooded.
6. VLAN Isolation feature now supports configuration via SNMP.
7. Added CLI command to display STP Topology Change Notification (TCN) statistics per port.
8. Added statistics for ERPS ring port R-APS packet transmission and reception (RX/TX).

### Enhancements

1. Supported common MAC address formats across all input fields.
2. Optimized ERPS convergence time on optical ports, achieving convergence within 50 ms.
3. Supported configuration of 802.1X authentication in MAB-only mode.
4. Added option to disable DNS Adoption to meet specific network management requirements.
5. Optimized fan status log reporting frequency.
6. Improved LLDP protocol compatibility.
7. Enhanced system self-healing capability to improve long-term stability.
8. Improved management link reliability.
9. Enhanced STP module reliability and overall spanning tree stability.

## Bug Fixed

1. Fixed issues where SNMP nodes Q-BRIDGE-MIB and BRIDGE-MIB did not comply with protocol specifications.

## Others

None.