

## Version Info:

**Firmware for SX3016F(UN) 1.20,SX3016F(IN)1.28,SX3016F(UN) 1.26.**

**Recommended Omada Controller V6.2.0.**

### New features

1. Added support for NAT Traversal.
2. Added compatibility with Omada Config Tools V2.0.
3. Added support for Lightweight DHCPv6 Relay Agent (LDRA).
4. Added support for LLDP and dot1x as part of the L2PT feature enhancement.
5. Added IGMP Snooping VLAN SSDP Flood to ensure that packets destined for multicast group 239.255.255.250 (commonly used for SSDP service discovery) are always flooded.
6. Added support for configuring VLAN Isolation via SNMP.
7. Added a CLI command to display Spanning Tree Topology Change Notification (STP TCN) statistics for each port.
8. Added support for ERPS ring port R-APS packet (RX/TX) statistics.

### Enhancements

1. Supported common MAC address formats for MAC address input fields.
2. Optimized ERPS convergence time on fiber ports, achieving convergence within 50 ms.
3. Supported configuring 802.1X authentication in MAB-only mode.
4. Supported disabling DNS Adoption to meet specific network management requirements.
5. Optimized the fan status log reporting frequency.
6. Improved LLDP protocol compatibility.
7. Added system self-healing recovery capability to enhance long-term device stability.
8. Improved management link reliability.

9. Improved STP module reliability and optimized the stability of Spanning Tree operation.

Bug fixed

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