

Version Info

Firmware for SG2452LP(UN) 1.20 and 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 Private VLAN.
4. Added support for Lightweight DHCPv6 Relay Agent (LDRA).
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 Type 8 (PBKDF2 with SHA-256) and Type 9 (Scrypt) password storage encryption type.
9. Added support for CPP (CPU protect policy).
10. Added support for MAC flapping.
11. Added support for packet capture.
12. Added support for ping and traceroute using domain names.
13. Added support for multiple RADIUS servers redundancy.
14. Added support for domain name RADIUS server.
15. Added support for RADIUS CoA & DM.
16. Added support for RADIUS accounting standard attributes Framed-IP-Address and Called-Station-ID.
17. Added support for IGMP auto-elect and TCN flood for IGMP.
18. Added support for Syslog protocol, custom UDP ports, and transmission over UDP/TCP with DTLS or TLS.
19. Added support for LACP fast timeout.
20. Added support for deleting quadruple binding entries by port.
21. Added support for displaying user configuration information based on interface VLAN.
22. Added support for configuring DHCPv6 relay by port.

23. Added support for RadSec in 802.1X authentication.

24. Added support for log filtering based on keywords.

Enhancements

1. Supported common MAC address formats for MAC address input fields.

2. Supported configuring 802.1X authentication in MAB-only mode.

3. Supported disabling DNS Adoption to meet specific network management requirements.

4. Improved LLDP protocol compatibility.

5. Added system self-healing recovery capability to enhance long-term device stability.

6. Improved management link reliability.

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

8. Optimized MAC group.

9. Optimized the initialization process and remove default username and password.

10. Optimized interaction between 802.1X and VLAN.

11. Optimized DDM configuration display.

12. Optimized log display for STP root bridge changes.

13. Improved packet capture functionality.

14. Improved FDB table display.

15. Optimized client alarm notifications in Controller mode.

Bug fixed

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

2. Fixed an issue that mac address table on specific port is not able to be shown by CLI commands.

3. Fixed the issue of QoS anomalies in specific scenarios.

4. Fixed the issue of wired client list display issues in certain scenarios.

5. Fixed some security vulnerabilities related to interaction with Omada Controller

6. Fixed an issue of port authentication anomalies during upgrade.

7. Eliminated the risk of management instability when multiple NTP servers are configured.

8. Fixed a bug causing unstable SSH connections.