Release Note

Version Info:

1. **Firmware Version:** 6.4.1 Build 20261122 Rel.28757
2. **Applied Model:**

   a) SG3428XMPP(UN) v1.0

   b) SG3428XMPP(UN) v1.6

   c) SG3428XMPP(IN) v1.8
3. **Fully Adapted Omada Controller version:** 6.4.0.
4. **Fully Adapted Omada App version:** N/A.
5. For downloading any firmware version, please refer to Omada Download Center .

New Features

1. Added support for aligning the port layout on the private configuration page with the actual physical port layout of the switch.
2. Added IPv6 support for Ping, Traceroute, and DNS Lookup on the Controller.
3. Added support for recording and reporting client connection events that occur while the device is disconnected from the Controller.
4. Added dBm values converted from Tx/Rx power readings on the Controller DDM page.
5. Added support for a high-strength password hashing algorithm, improving the security of password data.
6. Added support for configuring IP Groups using IP address ranges in Controller mode.
7. Added support for Path MTU Discovery (PMTUD).
8. Added support for TLS 1.3.
9. Added support for selecting the IP interface used by the switch to communicate with the RADIUS server.
10. Added support for exporting encrypted configuration files from the switch.
11. Added support for Jumbo Ping.

Enhancements

1. Improved the usability of OUI-based VLAN configuration.
2. Optimized the authentication and configuration delivery mechanisms between the device and Controller.
3. Optimized the authentication mechanism when devices connect to the cloud management platform.
4. Improved the user experience of Time Range configuration.
5. Improved the output of the `show controller` command to eliminate ambiguity.
6. Optimized ARP Detection logging.
7. Reduced the time required to transition to the Guest VLAN after MAC authentication fails.
8. Optimized the minimum rate limit for Broadcast Storm Control to 1 kbps.
9. Increased the maximum number of LAGs to half the number of switch ports.

Bug Fixed

1. Fixed an issue where the total site traffic displayed on the Dashboard > Traffic page was incorrect.
2. Fixed an issue where wired client traffic increased abnormally when clients rapidly disconnected and reconnected within a LAG.
3. Fixed an issue where Controller incorrectly identified Archer AX5400 as a Dahua IPC.
4. Fixed an issue where authentication behaved unexpectedly when the RADIUS server was unreachable.