

Version Info:

1. Minimum FW Version for Update: 1.0.0 Build 20250421 Rel. 76546.
2. This firmware upgrade is irreversible. Contact Omada technical support if downgrade is required.
3. Recommended Omada Controller version 5.15 or above.
4. For downloading of any firmware version, please refer to [Omada Download Center](#).

New Features:

1. Added Support for Controller cluster mode.
2. Added support for RADIUS proxy.
3. Added support for OWE encryption.
4. Added support for disabling the HTTP protocol in Standalone management mode.
5. Added support for DHCP Option43.
6. Added support for configuring multiple RADIUS servers with MAC authentication and PPSK.
7. Added support for NAS ID configuration in enterprise-grade encryption.
8. Added support for DNS Queries feature.
9. Added support for configuring the Device Name in Controller mode.
10. Added support for Standalone login when devices are managed by the Controller for status viewing and basic configuration.
11. Added support for multicast or broadcast data statistics.
12. Added support for disabling HTTP, HTTPS, and APP discovery in Controller mode.
13. Added support for Unbound MAC-based PPSK.
14. Added IPv6 support for multicast filtering.
15. Added support for multicast rate limiting.
16. Added refined encryption suites to enable WPA3-only mode support.

17. Added support for Prohibit Wi-Fi Sharing.
18. Added support for HTTPS Redirection on portal authentication.
19. Added support for RADIUS login and logoff in standalone mode, including CHAP authentication.
20. Added support for Ping-Pong Roaming Suppression and Non-Stick Roaming.
21. Added support for MAC authentication via LDAP.
22. Added support for Hotspot 2.0.
23. Added support for GRE Tunnel.
24. Added support to disable the Reset button in Controller mode.
25. Added support for VLAN Pool.
26. Added support for selecting the portal landing page in Standalone mode.

Enhancements:

1. Optimized AP portal functionality.
2. Optimized beacon interval configuration.
3. Updated some AP information reported to the Controller.
4. Expanded PPSK capacity.
5. Expanded capacity for EAP MAC Filter entries.
6. Added display of configuration synchronization status in Controller mode.
7. Supported more WPA3 Enterprise cipher suite.
8. Complied with CE-RED certification requirements.
9. Optimized IP address renewal mechanism after DHCP sever change.
10. Modified the default list of NTP servers.
11. Optimized configuration logic to reduce the time required for certain configurations.
12. Improved roaming experience.
13. Optimized the log subscription mechanism.

14. Adapted to the new Omada Visual Identity.

15. Added power information to LLDP packets.

Bug fixed:

1. Fix an issue where TLS 1.3 packet fragmentation caused URL filter functionality to fail.

2. Fix an issue where loopback detection packets forwarded to the air interface, causing high air interface utilization.

3. Fixed an issue where modifying the PPSK without RADIUS profile would affect other SSIDs.

4. Fix an issue where MLO clients may repeatedly connect to a SSID.

Notes:

1. This version of firmware is applied to the Omada APP 4.24 or above.