

Version Info:

1. Minimum FW Version for Update: 1.0.0 Build 20241111 Rel. 59279.
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 Port Information display for showing connected Omada devices.
2. Added support for Inform subscription mechanism.
3. Added support for Controller hot-standby (HA) configuration.
4. Added Support for Controller cluster mode.
5. Added support for RADIUS proxy.
6. Added support for OWE encryption.
7. Added support for cloud firmware upgrade in Standalone mode.
8. Added support for Portal Logout feature.
9. Added support for disabling the HTTP protocol in Standalone management mode.
10. Added support for DHCP Option43.
11. Added support for configuring multiple RADIUS servers with MAC authentication and PPSK.
12. Added support for NAS ID configuration in enterprise-grade encryption.
13. Added support for DNS Queries feature.
14. Added supported for post-Portal bandwidth control in Controller mode.
15. Added support for configuring the Device Name in Controller mode.
16. Added support for Standalone login when devices are managed by the Controller for status viewing and basic configuration.
17. Added support for wireless mode configuration in Controller mode.
18. Added support for multicast or broadcast data statistics.
19. Added support for disabling HTTP, HTTPS, and APP discovery in Controller mode.
20. Added support for Non-Stick Roaming and Ping-Pong Roaming
21. Added support for Unbound MAC-based PPSK and EKMS.
22. Added support for IPv6 multicast filtering.

23. Added support for DNS adoption feature.
24. Added support for multicast rate limiting.
25. Added refined encryption suites to enable WPA3-only mode support.
26. Added support for multi Radius Server with PPSK
27. Added support for SSID VLAN Pool
28. Added support for Prohibit Wi-Fi Sharing.
29. Added support for HTTPS Redirection on portal authentication.
30. Added support for RADIUS login and logoff in standalone mode, including CHAP authentication.
31. Added support for selecting the portal landing page in Standalone mode.
32. Added support for MAC authentication via LDAP.
33. Added support for Hotspot 2.0.
34. Added support for GRE Tunnel and PPSK By GRE Tunnel.
35. Added support to disable the Reset button in Controller mode.
36. Added support for wired client traffic reporting in Controller mode.
37. Added support for modifying the Inform URL via SSH.

Enhancements:

1. Improved roaming experience.
2. Added display of configuration synchronization status in Controller mode.
3. Optimized transmit power deployment.
4. Improved security in APP management mode.
5. Updated SSH encryption algorithms for enhanced security.
6. Optimized rate selection algorithm.
7. Optimized Log system.
8. Optimized AP portal functionality.
9. Added security reminder for SNMP community configuration.
10. Optimized LLC packet transmission timing.
11. Expanded PPSK capacity.
12. Expanded capacity for EAP MAC Filter entries.
13. Supported more WPA3 Enterprise cipher suite.
14. Unified DHCP Vendor Class Identifier format.
15. Enhanced CLI commands for better management.
16. Modified the default list of NTP servers.
17. Optimized AP portal functionality.
18. Optimized IPv6 RA frame handling over wireless interfaces.

19. Optimized the log subscription mechanism.
20. Optimized bridge hook logic to reduce CPU usage when corresponding features are disabled.
21. Complied with CE-RED certification requirements.
22. Optimized configuration logic to reduce the time required for certain configurations.
23. Upgraded OpenSSL library to version 1.1.1n.
24. Adapted to the new Omada Visual Identity.
25. Added power information to LLDP packets.
26. Optimized information display in Controller mode.
27. Optimized information reported by device in Controller mode.
28. Updated U-Boot.

Notes:

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