

Version Info:

1. Minimum FW Version for Update: 1.0.2 Build 20230717 Rel. 70246.
2. This firmware upgrade is irreversible. Contact Omada technical support if downgrade is required.
3. Recommended Omada Controller version 5.14 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 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 support for Non-Stick Roaming.
17. Added support for a new Inform subscription mechanism.
18. Added support for cloud firmware upgrade on Standalone mode.
19. Added support for Portal logout function.
20. Added support for traffic limit after passed Portal authentication.
21. Added support for 802.11 a/n mixed mode on Controller mode.
22. Added support for DNS adoption function.
23. Added support for reporting default OFDMA status.

Enhancements:

1. Optimized beacon interval configuration.
2. Updated some AP information reported to the Controller.
3. Expanded PPSK capacity.
4. Expanded capacity for EAP MAC Filter entries.
5. Added display of configuration synchronization status in Controller mode.
6. Added display of working bandwidth and maximum associated clients range of EAP.
7. Supported more WPA3 Enterprise cipher suite.
8. Optimized configuration logic to reduce the time required for certain configurations.
9. Optimized the log subscription mechanism.
10. Improved power deployment strategy.
11. Unified the DHCP Vendor Class Identifier format.
12. Optimized the timing of LLC packet transmission.
13. Improved CLI command functionality.
14. Adjusted SSH encryption algorithms.
15. Added anti-brute force attack in Omada APP.
16. Improved the accuracy of RSSI measurement.
17. Improved the SSID configuration experience.
18. Enhanced device security.

Bug fixed:

1. Fixed an issue where TDDP security vulnerabilities could occur.
2. Fixed an issue where RADIUS-related security vulnerabilities could be triggered.
3. Fixed an issue where TLS 1.3 packet fragmentation caused URL filtering to fail.
4. Fixed an issue where AI deployment reported incorrect positive RSSI values.
5. Fixed an issue where LLDP-MED packets were not forwarded properly.
6. Fixed an issue where Portal functionality failed due to unauthenticated entry aging or cross-subnet HTTPS redirection.
7. Fixed an issue where tri-radio MLO connections could cause the AP to crash.
8. Fixed an issue where incorrect spatial stream information was displayed in SSH.
9. Fixed an issue where clients might disconnect and reconnect when PMF was enabled on MLO SSIDs.
10. Fixed an issue where COA did not take effect on MLO STAs.
11. Fixed an issue where mesh connections could fail in certain scenarios.
12. Fixed an issue where devices could crash and reboot in specific mesh

environments.

13. Fixed an issue where IPv4 multicast packets could not be forwarded from a mesh AP to the root AP.
14. Fixed an issue where clients experienced slow speeds and page loading delays when connecting to VLAN-enabled SSIDs under single-hop mesh topology.
15. Fixed an issue where some clients could not associate with 2+5 GHz MLO under Controller management.

Notes:

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