

Version Info:

1. Minimum FW Version for Update: 1.0.4 Build 20230731 Rel. 61305.
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. Supported cluster deployment in Local Controller mode (Omada Central doesn't support).
2. Supported RADIUS Proxy (Global View> Server Settings> Radius Proxy Server).
3. Supported OWE.
4. Supported upgrading firmware through cloud in standalone mode.
5. Supported Portal Log.
6. Supported disabling HTTP protocol in Standalone mode.
7. Supported DHCP Option43.
8. Supported multiple Radius servers when using MAC-Based Authentication (Site View Settings>MAC-Based Authentication).
9. Added support for configuring NAS ID with WPA-Enterprise encryption.
10. Supported DNS Queries (Network Tools>Network Check>DNSLookup).
11. Supported Rate Limit with Portal Authentication.
12. Supported configuring the Device Name in Controller mode.
13. Supported viewing status information and simple configuration through standalone management page when devices managed by the Controller.
14. Supported displaying the maximum associated clients range in Controller mode (EAP Config>Advanced>Load Balance).
15. Supported displaying the bandwidth of the EAP in Controller mode. (Details->Radios)
16. Added Support for 11 a/n mixed mode for 5GHz radio in Controller mode.
17. Added Support for multicast and broadcast data statistics. (Statistics->Multicast/Broadcast Packets)
18. Supported disabling HTTP, HTTPS and APP discovery in Controller mode (Only with Pro controller).
19. Supported Non-stick Roaming function.
20. Supported authentication of EKMS and Generic Radius with Unbound MAC for PPSK with Radius.

- 21. Supported Multicast Filtering with IPv6 address.
- 22. Supported DNS Adoption.
- 23. Supported displaying Configuration Result.
- 24. Supported Multicast/Broadcast Rate Limit.
- 25. Added support for new hash mode with load balancing (DA-dest address /SA-source address)
- 26. Added support for more encryption suit with WPA-Enterprise in controller mode. (2.4GHz and 5GHz added support for CCMP128+SHA256、GCMP256+SHA256、 GCMP256+SHA384, 6GHz added supported for CCMP128+SHA256)

Enhancements:

- 27. Optimized roaming function.
- 28. Optimized Transmit Power deployment logic, wireless clients now won't disconnect when configuring Transmit Power.
- 29. Optimized CLI command.
- 30. Supported 1024 PPSK entries.
- 31. Increased Mac filter entries limit.
- 32. Improved network and device security.
- 33. Optimized Portal functionality.
- 34. Improved MLO stability and compatibility.

Bug fixed:

- 35. Fixed the issue that RSSI display error in WLAN Optimization.
- 36. Fixed the issue that URL Filtering might not take effect in certain scenarios.
- 37. Fixed the issue that HTTPS Redirection and Pre-Authentication Access don't take effect when use portal.
- 38. Fixed the issue that IPv4 multicast packets can't be transmitted from mesh AP to root AP.
- 39. Fixed the issue that one hop mesh AP's client on SSID with VLAN would have slow Network speed.
- 40. Fixed the issue that CoA doesn't take effect with some MLO clients.
- 41. Fixed the issue that iPhone16 Por Max connectivity issue with 2.4+5 MLO SSID.
- 42. Fixed the issue where mesh may fail to establish.

Notes:

- 1. This version of firmware is applied to the Omada APP v4.24 or above.