

Recommended Controller Software Version: Omada Controller v5.14 or above

New Features/Enhancements:

1. Supports displaying Configuration Result.
2. Supports cluster deployment in Controller mode (CBC does not support).
3. Supports Radius Proxy.
4. Supports OWE.
5. Supports custom Channel Range.
6. Supports upgrading firmware through cloud in Standalone mode.
7. Supports Portal Logout.
8. Supports disabling HTTP protocol in Standalone mode.
9. Supports DHCP Option43.
10. Supports multiple Radius Servers for MAC-Based Authentication.
11. Supports configuring NAS ID with WPA-Enterprise encryption.
12. Supports DNS Queries.
13. Supports configuring Traffic Limit with Portal in Controller mode.
14. Supports configuring the Device Name in Controller mode, which can be carried in LLDP/SNMP/DHCP interaction.
15. Supports viewing status information and making some simple configuration through Standalone management page when the EAP is managed by the Controller and disconnected with Controller currently.
16. Supports displaying the maximum associated clients based on the EAP model in Controller mode.
17. Supports displaying the radio bandwidth of the EAP in Controller mode.
18. Supports configuring wireless mode in Controller mode.
19. Supports statistics of Multicast/Broadcast packets.
20. Supports 1024 PPSK entries.
21. Supports disabling HTTP, HTTPS and APP discovery in Controller mode.
22. Supports Non-stick Roaming function.
23. Supports authentication type of EKMS and Generic Radius with Unbound MAC for PPSK with Radius.
24. Supports Multicast Filtering with IPv6 address.

25. Supports reporting default OFDMA status.
26. Supports MAC Filter with 2000 entries per MAC Group profile.
27. Support DNS adoption.
28. Supports Multicast/Broadcast Rate Limit.
29. Supports Standalone Mesh.
30. Enhances security protection.
31. Improves stability.
32. Improves support for more SSH commands.
33. Optimizes Automatic Power Optimization function.
34. Optimizes the configuration of Beacon Interval.
35. Optimizes roaming function.
36. Optimizes logs displayed in Controller.

Bug Fixed:

1. Fixed some issues of EAP working abnormally when 802.11r and Dynamic VLAN are both enabled.
2. Fixed the issue that RSSI information display error in WLAN Optimization.
3. Fixed the issue about LLDP-MED packet forwarding exception.
4. Fixed the issue that URL Filtering cannot work properly when TLS1.3 is enabled in the browser.
5. Fixed the issue that HTTPS Redirection and Pre-Authentication Access don't take effect in some special scenarios.
6. Fixed the issue that IPv6-Multicast-to-Unicast Conversion don't take effect in some special scenarios.

Notes:

1. This version of firmware is applied to the Omada APP v4.17 or above.