New Features:

1. Added support for displaying configuration synchronization status in Controller mode.
2. Added support for the Inform subscription mechanism.
3. Added support for cluster deployment.
4. Added support for centralized Radius proxy.
5. Added support for OWE encryption.
6. Added support for custom channel sets.
7. Added support for cloud firmware upgrade in Standalone mode.
8. Added support for Portal Logout.
9. Added support for disabling HTTP in Standalone mode.
10. Added support for DHCP Option 43.
11. Added support for anti–brute force protection in APP management mode.
12. Added support for multiple Radius servers for MAC authentication.
13. Added support for SNMP Community security reminders.
14. Added support for NASID configuration in Enterprise encryption.
15. Added support for DNS Queries statistics.
16. Added support for rate limiting after Portal authentication in Controller mode.
17. Added support for configuring Device Name from the Controller.
18. Added support for Standalone login to view status and basic settings after managed by a Controller.
19. Added support for displaying correct maximum associated clients in the Controller mode.
20. Added support for showing actual operating bandwidth in Controller mode.
21. Added support for configuring wireless mode in Controller mode.
22. Added support for multicast/broadcast traffic statistics.
23. Added support for disabling HTTP, HTTPS, and APP discovery in Controller mode.
24. Added support for Non-Stick Roaming.
25. Added support for EKMS and Unbound-MAC PPSK.
26. Added support for IPv6 in multicast filtering.
27. Added support for DNS adoption.
28. Added support for multicast rate limiting.
29. Added support for standalone Mesh.
30. Added support for modifying Inform URL via SSH.
31. Added support for configuring multiple Radius servers for PPSK.
32. Added support for disabling the Reset button in Controller mode.
33. Added support for WPA3 Enterprise only mode.

34. Added support for hotspot sharing restriction.
35. Added support for detecting DHCP server changes and triggering IP reacquisition.
36. Added support for AP Portal redirecting to HTTPS.
37. Added support for a new log subscription mechanism.
38. Added support for SSID VLAN Pool.
39. Added support for MAC-auth LDAP authentication.
40. Added support for Hotspot 2.0.
41. Added support for VoIP VLAN.

Enhancements:
1. Improved roaming experience.
2. Optimized transmit power deployment strategy.
3. Optimized SSH encryption algorithm.
4. Optimized rate selection algorithm.
5. Optimized log reporting mechanism.
6. Optimized beacon interval configuration.
7. Enhanced Radius security.
8. Optimized portal performance and behavior.
9. Updated OpenSSL library to version 1.1.1n.
10. Modified the default list of NTP servers.
11. Optimized IPv6 WLAN RA frame processing.
12. Optimized configuration logic to reduce SSID-related configuration time.
13. Optimized manage VLAN behavior.
14. Expanded PPSK entry capacity.
15. Expanded EAP MAC Filter entry capacity.
16. Optimized LLDP-MED frame forwarding.
17. Optimize multicast performance in specific scenarios.

Bug fixed:
1. Fixed an issue where GPON and VoIP stability problems occurred in specific scenarios.
2. Fixed an issue where additional clients were incorrectly displayed in certain conditions.

Notes:
1. This version of firmware is applied to the Omada APP v5.0 or above.