

## Version Info:

1. Minimum FW Version for Update: 1.1.2 Build 20250901 Rel. 74897.
2. Recommended Omada Controller version 6.1 or above.
3. For downloading of any firmware version, please refer to Omada Download Center.

## New Features

1. Added 802.1X support (for multi-LAN models).
2. Added RadSec support for RADIUS authentication.
3. Added expiration time and bandwidth configuration options for PPSK without RADIUS mode.
4. Added reporting and display of IPv6 addresses and active speed for wired clients connected to downstream ports.
5. Added Standalone WPA3-Enterprise configuration support.
6. Added GRE Tunnel support.
7. Added DHCP Option 82 support.
8. Added CDN download support.
9. NTP Server now supports domain name input.
10. Added Complete PPSK support.
11. Added Bluetooth console support.
12. Added IoT transport protocol extensions.
13. Added platform debug tool support.
14. Added certificate management module.
15. Added 802.11r support for WPA3-Enterprise.

## Enhancements:

1. Client monitoring model optimization – performance data link protocol design and joint debugging.
2. Omada monitoring and 运维 optimization:
  - Client identification optimization.
  - Client details page (AP and Switch): report session details.
  - Topology diagram displays the uplink port and duplex/speed of wired clients connected to APs.
  - Mesh traffic/packet statistics reporting.
3. Automatic deployment optimization (incremental optimization).

4. Wireless air interface optimization.
5. RADIUS protocol security vulnerability fixes.
6. Packet capture feature enhancement (added support for over-the-air packet capture).
7. Configuration synchronization mechanism optimization.
8. Automatic adoption failure issue optimization.
9. ACS mechanism optimization.
10. DFS channel switching mechanism and radar interference handling, with clear log notifications.
11. Automatic bandwidth selection optimization.
12. Background scanning mechanism optimization.
13. Resolved the issue where devices under management failed to redirect for adoption in NAT scenarios.
14. Optimized CoA-ACK/NAK packet caching mechanism.
15. CLI command improvements.
16. Improved security of factory default SSID.
17. Optimized cluster feature compatibility issues.
18. Control link optimization – improved accuracy of Portal rate limiting.
19. RRM optimization.

**Bug Fixed:**

1. Fixed an issue where upgrade failures occurred due to bad blocks in the APPSBLENV partition of the flash chip on some APs.
2. Fixed an issue where, after mesh networking, the root AP switched from band 3 to band 1 upon detecting radar, and failed to switch back to band 3 after the radar backoff period ended.
3. Fixed CLI command spelling errors.

**Note:**

1. This version of firmware is applied to the Omada APP 5.1 or above