

Version Info:

1. Minimum FW Version for Update: 1.6.0 Build 20250507 Rel. 66340.
2. This firmware upgrade is irreversible. Contact Omada technical support if downgrade is required.
3. Recommended Omada Controller version 6.1 or above.
4. For downloading of any firmware version, please refer to Omada Download Center.

New Features:

1. Added support for configuring **WPA3-Enterprise** on the Standalone.
2. Added support for **Remote Adoption** (Configuring DNS adoption) on the Standalone.
3. Added **RadSec** support for RADIUS authentication.
4. Added **802.11r** support for WPA3-Enterprise.
5. Added **expiration time** and **bandwidth configuration** options for PPSK (without RADIUS) mode.

Enhancements:

1. Optimized the **ACS (Automatic Channel Selection)** mechanism.
2. Optimized the **configuration synchronization** mechanism.
3. Optimized the issue of **automatic adoption failure**.
4. Optimized the **automatic bandwidth selection** mechanism.
5. Optimized the **background scanning** mechanism.
6. Optimized the **VLAN** mechanism.
7. Optimized the **log reporting** mechanism; added logs related to DFS, CPU, and memory usage.
8. Optimized the **DFS channel switching** mechanism and **radar interference handling**.
9. Optimized the **FDB table management** mechanism; clear wireless connection information when FDB table changes.
10. Optimized the **CoA-ACK/NAK packet caching** mechanism.
11. Optimized the **RADIUS profile implementation** mechanism.
12. Optimized the **secure firmware download policy**.

13. Optimized the rules for **static IP configuration** on the Standalone page.

Bug Fixes:

1. Fixed an issue where devices could not be redirected for adoption in NAT scenarios.
2. Fixed the **Blast RADIUS security vulnerability**; added a toggle for **Message-Authenticator attribute validation**.
3. Fixed an issue where mesh APs frequently entered the **isolated** state.
4. Fixed an issue where the **UUID** sent during DHCPv6 dialing had the last 48 bits set to zero.
5. Fixed an issue where **ACL configurations** could be lost in some scenarios.
6. Fixed an issue where **unauthenticated portal clients** could not receive PMTUD packets, potentially causing portal authentication failures due to MTU mismatches.
7. Fixed an issue where **configurations were lost** in certain scenarios in cluster mode.
8. Fixed an issue where **siteUrl validation rules** prevented CBC siteUrl from being successfully applied on the device.

Notes:

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