

#### **Version Info:**

- 1. Minimum FW Version for Update: 1.4.2 Build 20251208 Rel. 43830.**
- 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 support for configuring WPA3 Enterprise on the Standalone page.
2. Added support for configuring the DNS adoption switch in Standalone mode.
3. Added support for secure firmware download policies.
4. Added support for platform debug tools.

#### **Enhancements:**

1. Optimized the ACS (Auto Channel Selection) mechanism.
2. Optimized the configuration synchronization mechanism.
3. Optimized the auto-adoption failure issue.
4. Optimized the automatic bandwidth selection mechanism.
5. Optimized the background scanning mechanism.
6. Optimized the VLAN implementation mechanism.
7. Optimized the log reporting mechanism, adding logs for DFS, CPU and memory utilization.
8. Optimized the DFS channel switching mechanism and radar wave interference handling.
9. Optimized the FDB (Forwarding Database) management mechanism, clearing wireless connection information upon FDB changes.
10. Optimized the CoA-ACK/NAK packet buffering mechanism.
11. Modified validation rules for static IP configuration items in Standalone mode.

#### **Bug Fixed:**

1. Fixed an issue where device redirection adoption might fail under NAT scenarios.
2. Fixed the BlastRADIUS security vulnerability by adding a message-authenticator attribute validation.
3. Fixed an issue where the mesh AP frequently entering isolated state.

#### **Notes:**

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