

#### Version Info:

1. Minimum FW Version for Update: 1.3.1 Build 20240929 Rel. 44649.
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](#).

#### Enhancements:

1. Enhanced device security.
2. Optimized ACS Mechanism.
3. Optimized synchronization mechanism.
4. Optimized automatic adoption mechanism.
5. Optimized automatic bandwidth selection mechanism.
6. Optimized background scanning mechanism.
7. Optimized VLAN implementation mechanism.
8. Optimized Log reporting mechanism, adding related logs such as DFS, CPU and memory utilization.
9. Optimized DFS switching mechanism and radar wave conflict handling.
10. Optimized FDB table management mechanism.
11. Optimized CoA-ACK/NAK message cache mechanism.
12. Optimized verification rules for the static IP configuration items on the standalone page.
13. Optimized default security policy of SSIDs in factory state.

#### New features:

1. Added Support for importing and exporting of configuration files encryption.
2. Added Support for configuration of WPA3 Enterprise on the Standalone page.
3. Added Support for configuration of DNS adoption switch (Remote Adoption) on the Standalone page.
4. Added Support for CLI.
5. Added Support for mandatory verification of strong passwords for accounts.
6. Added Support for radsec in RADIUS authentication.
7. Added Support for RRM (Radio Resource Management) Optimization.
8. Added Support for secure firmware download strategy.

9. Added Support for WPA3-Enterprise with 802.11r.
10. Added Support for Bluetooth Console.
11. Added Support for verifying the "message-authenticator" attribute of the RADIUS server.

Bug fixed:

1. Fixed an issue where NAT scenario adoption failed during device management state redirection.
2. Fixed an issue where the mesh APs frequently became the isolated state.
3. Fixed an issue where the ACL configuration might be lost in some scenarios.
4. Fixed an issue where unauthenticated clients might fail the portal authentication.

Notes:

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