

**This firmware fully adapts the Omada SDN Controller v5 but only compatible with Omada Controller v4.1.5 or above.**

**With this firmware, port 29814 instead of ports 29811/29812/29813 is used when EAP is managed by Omada SDN Controller v5.**

#### New Feature/Enhancement:

1. First firmware that fully adapts to Omada SDN controller v5, which updates the interaction
2. Protocol for Omada devices based on TLS encryption.
3. Add Roaming, AI Roaming, Dynamic VLAN, Auto Tx Power Deployment.
4. Add the feature that when using Migration moving EAP to an invalid IP address of Omada Controller, the EAP will roll back.
5. The authentication duration of the Portal function is correlated with the system time.
6. Wireless security vulnerabilities optimization.

#### Bug Fixed:

1. Fixed the bug that the EAP may reset due to the power instability.
2. Omada APP adaptation and related issue fixes.
  - 1) Add the display of CPU utilization, memory utilization and bandwidth-related configuration;
  - 2) Fixed the bug that the channel list remains unchanged after modifying the bandwidth of 5G band;
  - 3) Fixed the bug that the client list and block list cannot display the icons of Samsung galaxy, Huawei and other Android phones normally.
3. Fixed the bug that new users do not need to pass portal authentication when the number of portal users authenticated reaches the limit.

#### Notes:

1. For EAP615-Wall V1 only.
2. This version of firmware is applied to the Omada APP of version 3.0.X or above.
3. **This firmware is only compatible with Omada controller v4.1.5 or above. If you are using the old Omada controller and need to manage EAP615-Wall, you must upgrade the Omada controller to version 4.1.5 or above. You can follow [Omada Controller Upgrade Guide](#) to upgrade Omada controller.**