

**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 protocol for Omada devices based on TLS encryption.
2. Add Auto Channel Deployment function (need to work with Cloud-Based Controller).
3. Add automatic Tx Power deployment function (need to work with Cloud-Based Controller).
4. Add AI Roaming function.
5. Add Daylight Saving Time.
6. Add Dynamic VLAN function.
7. Add the feature that when using Migration moving EAP to an invalid IP address of Omada Controller, the EAP will roll back.
8. Add support for displaying CPU utilization, memory utilization, and bandwidth-related configuration in the Standalone mode of the Omada APP.
9. Optimize anti-wireless interference performance.
10. Optimize RF scan function.
11. Optimize security vulnerabilities.

Bug fixed:

1. Fixed the bug that the LED light is still on after using Locate function.
2. Fixed the bug that sometimes the wireless performance decrease in a Mesh topology.
3. Fixed the bug that new user will skip the portal authentication when authorized clients number reaches maximum.
4. Fixed the bug that sometimes the configuration can be changed even the management page is time out in standalone mode.
5. Fixed the bug that sometimes a blank symbol can be used in the password of the SSID in Quick Setup.
6. Fixed the bug that EAP gets different recognition results for different IP formats when setting the IP address of the RADIUS server.
7. Fixed the bug that sometime 2.4G clients cannot join the network when set MAC filter for the SSID in Controller mode.

8. Fixed some memory leak issues of the platform.
9. Fixed the bug that the wireless clients which install the Omada APP may disconnect from the 5G radio of EAP if we change the 2.4G channel or Tx power of this EAP in the Omada APP.
10. Fixed the bug that after changing the bandwidth of the 5G band, the acquired channel list remains unchanged in the Standalone mode of the Omada APP.
11. Fixed the bug that the client list and block list cannot display icons of Huawei, Samsung or some other Android phones in the Standalone mode of the Omada APP.

Notes:

1. For EAP620 HD v2 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.