

If you are planning to upgrade to this version from an old Controller (V3.2.14 or below), please read the [Omada Controller Upgrade Guide](#) in the installation package before upgrading the controller.

## 1. Supported device models and firmware

- **EAP**

EAP110\_V4 3.20.0 Build 20200525 Rel.36899 and above  
EAP115\_V4 3.20.0 Build 20200525 Rel.36931 and above  
EAP225\_V3 2.20.0 Build 20200422 Rel.70513 and above  
EAP245\_V3 2.20.0 Build 20200423 Rel.36779 and above  
EAP115-Wall\_V1 1.20.0 Build 20200509 Rel.63986 and above  
EAP225-Wall\_V2 1.20.0 Build 20200422 Rel.70504 and above  
EAP110-Outdoor\_V3 3.20.0 Build 20200511 Rel.33388 and above  
EAP225-Outdoor\_V1 1.20.0 Build 20200422 Rel.70543 and above  
EAP660 HD, EAP620 HD, EAP615-Wall, EAP610, EAP610-Outdoor,  
EAP265 HD, EAP230-Wall, EAP235-Wall

- **Switch**

TL-SG3452P, TL-SG3452, TL-SG3428XMP, TL-SG3428MP, TL-SG3428X,  
TL-SG3428, TL-SG3210XHP-M2, TL-SG3210 V3, TL-SX3206HPP, TL-SX3016F,  
TL-SX3008F, TL-SG2428P, TL-SL2428P V4, TL-SG2210MP, TL-SG2218,  
TL-SG2210P V3.2 and above, TL-SG2008P, TL-SG2008 V3 and above.

- **Gateway**

ER605 (TL-R605), ER7206 (TL-ER7206)

## 2. New Features & Enhancements

1a) Changed the default port for adoption to TCP port 29814, please refer to FAQ3265.

1b) Support to change the default ports (29810-29814) in Omada Controller->properties->omada.properties file, then you can use multiple Controllers behind same NAT router to manage different devices.

2) Add Two-Factor Authentication (2FA) feature for Cloud Access, Omada APP (4.0.X and above) and local web login with Cloud Users.

3) Support OpenJDK8 and above for Windows platform.

4) Add DHCP Reservation in Services, allowing pre-configuration and support for reserving IP addresses outside the DHCP Range.

5) Add Korean, Thai, and Vietnamese languages support to the Portal.

6) Add Form Authentication type to the Hotspot Portal.

7) Remove the insecure WEP and WPA/TKIP algorithms from the wireless network. SSIDs encrypted with these algorithms will be removed after upgrading.

8) Adjust API for External Portal, please refer to FAQ3231.

9) Optimize the account structure and the privileges of accounts with different roles.

10) Add multiple languages for names of Controllers, Devices, and Clients.

11) Optimize the startup interface of Controller for Windows platform.

- 12) Add pre-configuration for Internet during Quick Setup.
- 13) Retain the advanced feature settings when removing or replacing the Omada Gateways, such as VPN, Port Forwarding, etc.
- 14) Support to save the customized names for clients.
- 15) Optimize the SSID Override feature and allow disabling SSID.
- 16) Optimize the upgrading process for EAPs supporting PoE Out.
- 17) Optimized the export file names for Backup and Export Data functions.
- 18) Increased the number of "Limited IP Addresses" for Port Forwarding to a maximum of 24.
- 19) Modify some help text explanations.

### 3. Bug Fixed

- 1) Upgrade log4j version to 2.16.0 to fix the log4j vulnerability (CVE-2021-44228, CVE-2021-45046).
- 2) Fix the bug that EAP are in Adopting & Provisioning loop after upgrading Omada Controller to v5.0.15.
- 3) Fix the bug that clients are not displayed in Clients and Insights after upgrading Omada Controller to v5.0.15.
- 4) Fix the bug that if the Default Language of Form Auth Portal is not English, clients can't pass the authentication.
- 5) Fix the bug that Speed Test Statistic will be cleared when the Omada gateway is disconnected from the Controller.
- 6) Fix the bug that the VPN status was not updated in time.
- 7) Fix the bug that the push notification of Omada APP on the iOS platform displayed the MAC addresses of the devices instead of their names.
- 8) Remove the limitation on the length of the Top-Level Domain Name.
- 9) Fix the bug that IP addresses cannot be entered using the French keyboard.
- 10) Fix the bug that the bandwidth of clients can't be limited correctly via WISPr-Bandwidth in Radius server.
- 11) Fix the bug that the blocked clients may still be displayed as AUTHORIZED status in Clients list.
- 12) Fix the bug that Controller shows General error when disabling the rate limit profile for the first time.
- 13) Fix the bug that Omada devices are in Provision status frequently in some cases.
- 14) Fix the bug that the Background Picture and Logo Picture uploaded via cloud access are not displayed in the preview page.

15) Fix the bug that Controller shows errors and local Administrator account may be lost after restoring backup with cloud users that didn't accept invitation.

16) Fix the bug that the Viewer Account may disappear after the Administrator User create the Viewer Account and backup & restore the configuration.

17) Fix the bug that gateway is in Heartbeat Missed status in some cases.

18) Fix the bug that if the imported Customized Page is ZIP format, the browser responses 400 Bad Request when accessing static resources.

## Notes

1) Omada SDN Controller can only manage certain devices running the supported firmware. Please confirm that your device is compatible with the SDN Controller.

2) If you are using an old Controller and plan to upgrade to this version, please follow the procedure of the [Omada Controller Upgrade Guide](#).

3) Once upgraded to this version of Omada Controller, you will be NOT able to downgrade to version 3.2.14 or below.

4) This version of the controller is applied to the Omada APP of version 4.0.X or above.