

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 Feature/Enhancement

- 1) Default port for device adoption and management has been changed to TCP port 29814, please refer to [FAQ 3265](#) for more details. You can change the default ports (29810-29814) by editing the “omada.properties” file (default path: /opt/tplink/EAPController/properties).
- 2) Added Two-Factor Authentication (2FA) feature for Cloud Access, Omada APP (4.0.X and above) and local web login with Cloud Users.
- 3) Added support for OpenJDK-8 and above versions for the Linux platform.
- 4) Added support for MongoDB v4 for the Linux platform.
- 5) Added DHCP Reservation in Services, allowing pre-configuration and support for reserving IP addresses outside the DHCP Range.
- 6) Removed the insecure WEP and WPA/TKIP algorithms from the wireless network. SSIDs encrypted with these algorithms will be removed after upgrading.
- 7) Adjusted API for External Portal, please refer to [FAQ3231](#).
- 8) Optimized the account structure and the privileges of accounts with different roles.
- 9) Added support for Form Authentication type to the Hotspot Portal.
- 10) Added support for Korean, Thai, and Vietnamese support to the Portal.

- 11) Added support for multiple languages for names of Controllers, Devices, and Clients.
- 12) Added 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) Added support for saving the customized names for clients.
- 15) Optimized the SSID Override feature and allow disabling SSID.
- 16) Optimized 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.

3. Bug Fixed

- 1) Updated Log4j to 2.16 to fix the vulnerability CVE-2021-44228 and CVE-2021-44228. Please refer to [FAQ 3255](#) for more details.
- 2) Fixed the bug that the VPN status was not updated in time.
- 3) Fixed the bug that speed test statistics would be cleared when the Omada Gateway was disconnected from the controller.
- 4) Fixed the bug that the push notification of Omada APP on the iOS platform displayed the MAC addresses of the devices instead of their names.
- 5) Removed the limitation on the length of the Top-Level Domain Name.
- 6) Fixed the bug that IP addresses cannot be entered using the French keyboard.
- 7) Fixed the bug that the RADIUS server failed to properly limit the client bandwidth via WISPr-Bandwidth attributes.
- 8) Fixed the bug that the blocked clients might still be listed as AUTHORIZED in the clients list.
- 9) Fixed the bug that caused the "General Error" when disabling the rate limit profile for the first time.
- 10) Fixed the bug that the Omada devices are frequently in Provision status in some cases.
- 11) Fixed the bug that the background and logo pictures uploaded to Portal via cloud access are not displayed in the preview page.
- 12) Fixed the bug that the Omada Gateway might be in Heartbeat Missed status in some cases.
- 13) Fixed the error of "400 Bad Request" when accessing static resources if the custom page in zip format was imported.

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 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.

- 5) Java 8 (or OpenJDK-8) and above, MongoDB v3 and v4 are necessary for Controller.
- 6) 64-bit Linux Operating System is supported.
- 7) Please save the backup file, then uninstall the old version before upgrading.