

If you are planning to upgrade to this version from an old Controller (V3.2.10 or below), please read the [Omada Controller Upgrade Guide](#) in the installation package before upgrading the controller.

Some new features of the Controller require firmware upgrades to the device, the firmware for gateways will be released soon.

## 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-SG3428,  
TL-SG3428X, TL-SG3210XHP-M2, TL-SG3210 V3, TL-SX3206HPP,  
TL-SX3016F, TL-SX3008F, TL-SG2428P, TL-SL2428P V4.2, TL-SG2210MP,  
TL-SG2210P V3.2, TL-SG2218, TL-SG2008P, TL-SG2008

- **Gateway**

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

## 2. New Feature/Enhancement

- **Controller**

- 1) Add the User Experience Improvement Program.
- 2) Add DST (Daylight Saving Time) logo on the page during DST, and fix the bug that DST causes the schedule to be executed one hour later.
- 3) Add and optimize the Help for some features.
- 4) Update the icons for some models.
- 5) Switch the default state of SNMP to be disabled.
- 6) Optimize the Automatic Upgrades feature to cope with the situation where the firmware is withdrawn.
- 7) Optimize the processing for modifying the device accounts.
- 8) Optimize the upgrading process to avoid failure.
- 9) Optimize the notification page for the expired link of "Reset Password".
- 10) Optimize the time settings for Auto Backup.
- 11) Optimize the Portal redirection mechanism.
- 12) Optimize the setup of Access Control, 802.1X, MAC-Based Authentication and RADIUS Profile.

- 13) Add support to Import Site with Cloud Access.
- 14) Optimize the processing mechanism for multiple requests via the Cloud Access.
- 15) Improve the compatibility with Internet Explorer 11 when accessing the “Export Data” feature via the Cloud Access.

- **Gateway**

- 1) Add VPN Client status to the VPN Status page.
- 2) Allow to modify the LAN IP before adopting the Omada Gateway, simplifying configuration process.
- 3) Add support to reset the parameters of the Firewall and Attack Defense.
- 4) Update the validation rules for the Username and Password of PPPoE.
- 5) Optimize the export of the OpenVPN certificate.
- 6) Optimize the configuration of UPnP.
- 7) Optimize the Error Notification of the incorrect IPv6 settings.
- 8) Optimize the notification for the DHCP range when setting up DHCPv6.
- 9) Add alert when VPN users exceed the number limit.
- 10) Optimize the Speed Test to improve the success rate.

- **Switch**

- 1) Add support to set up the link speed to 5 Gbps.

- **EAP**

- 1) Add AI RF Planning feature (Cloud-Based Controller only).
- 2) Add support for 160 MHz channel width, which requires device support.

### 3. Bug Fixed

- **Controller**

- 1) Fixed the bug that the Controller incorrectly recognized the login requests and caused the login failure.
- 2) Fixed the bug that some advanced features failed to be migrated with Site Migration, such as: ACL, Static Route, Policy Routing, SSH, and VPN settings.
- 3) Fixed the bug that the timelines were inverted on Speed Test Statistics and some Dashboard cards.
- 4) Fixed the bug that the start and end points of the timeline on the “ISP Load” card didn’t match the set time range.
- 5) Fixed the bug that the client was redirected to the wrong IP address by the External Web Portal or Facebook Wi-Fi when the client was in a different network from the Controller
- 6) Fixed the bug that the subdirectory (“/”) was not allowed in the Promotional URL.
- 7) Fixed the bug that the wired clients failed to authenticate through the External Web Portal.

- **Devices**

- 1) Fix the bug that the PoE Out feature was disabled after upgrading to Omada SDN Controller V4.3.5.
- 2) Fix the bug that the Controller failed to deal with the PD Class of the clients.

**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 3.0.X or above.