

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, EAP650, 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) v1/v2, ER7206 (TL-ER7206)

## 2. New Features & Enhancements

- 1) Added support for **Private Pre-Shared Key (PPSK)**, which requires upgrading the EAP to the adapted firmware to be released soon. For PPSK without RADIUS, you can create PPSK profiles (Settings -- Profiles -- PPSK).
- 2) Added the **Report page** to view, export and email network reports.
- 3) Added the **Heatmap** function (Beta).
- 4) Added support for **Facebook Wi-Fi 2.0** for wireless networks, which requires upgrading the EAP to the adapted firmware.
- 5) Added support for **Upgrade Schedule (Settings -- Services)**.
- 6) Added support for **IPTV** function (Settings -- Services -- IPTV), which requires upgrading your ER605/ER7206 firmware to version 1.2.0.
- 7) Added support to submit your **feedback**.
- 8) Added support to connect **FTP/TFTP/SFTP/SCP** file servers for backup and restore (Settings -- Maintenance -- Backup & Restore).
- 9) Added **TP-Link email service** to invite cloud users and reset password.
- 10) Added support for adding **multiple authentication and accounting** servers to a RADIUS profile.

- 11) Added support for the **RADIUS accounting function, and NAS ID** setting to the **MAC-Based Authentication**.
- 12) Added support for the **update notification** for Omada Software Controller (Settings – Maintenance – User Interface).
- 12) Optimized the **portal customization**, added support to adjust the logo size and position and font size, provided a more detailed customized page template.
- 13) Added the **Device Account** configuration during Quick Setup and adding a new site. After a device is adopted by the site, its username and password will be automatically set as the site device account, and will be required when re-adopting and logging into the device.
- 14) Added support to create up to 7 entries for one time range profile (Settings – Profiles – Time Range).
- 15) Added support for the **USB LTE WAN** of ER605(UN) V2.
- 16) Added the **Wi-Fi Control** function for some wall plate EAPs.
- 17) Added support to set the end of the Wi-Fi password as the space.
- 18) Added **quick switches** to enable or disable many advanced features, such as ACL, Port Forwarding, VPN, etc.
- 19) Added support to custom the **Online Detection Interval**, which requires upgrading your ER605/ER7206 firmware to version 1.2.0.
- 20) Added support to import HTTPS certification in **PEM** format (Settings – Controller – HTTPS Certificate).
- 21) Added support to export data from multiple sites (Settings – Services – Export Data).
- 22) Added a status filter to the device list to filter devices with selected status.
- 23) Added Controller and Device names for Syslog and Email.
- 24) Added the requirement for External Web Portal to submit “Access-Control-Allow-Origin” field in HTTP header to enhance security, for detailed information and new template, please refer to [FAQ 2912](#).
- 25) Optimized PoE utilization widget in Dashboard.
- 26) Optimized the text formatting to solve problems such as incorrect line breaks.
- 27) Optimized traffic statistics of EAP.
- 28) Optimized the default sorting order of the device list.
- 29) Optimized the Speed Test Statistics page.
- 30) Removed “DHCP Omada Controller” as it duplicates the “DHCP Option 138” (Settings – Wired Networks -- LAN).
- 31) Optimized the color of “CONNECTED” marker in the Clients list.
- 32) Added support to display device Serial Number, which requires enabling the Cloud Access.

### 3. Bug Fixed

- 1) Upgrade log4j version to 2.17.0. Note that Omada SDN Controller is not impacted by the vulnerability **CVE-2021-45105**.
- 2) Remove the limitation on the length of the Top-Level Domain Name of SMTP Sender Address.

- 3) Fixed some UI bugs when configuring the switch with a static IP address or enabling the DHCP server.
- 4) Fixed the bug where the Client Detail Logs were not sent to the Syslog server when the client connected to the Mesh AP.
- 5) Fixed the bug that the settings of PAP and CHAP authentication mode are inverse for External RADIUS Server Portal.
- 6) Fixed the bug that incorrect DHCP Reservation configurations caused the management exception of Omada Gateway.
- 7) Fixed the bug that MAC address of EAP was displayed in the roaming logs instead of the Device Name.
- 8) Fixed the bug that SFP+ ports can only work in 1G mode when LACP is configured.
- 9) Fixed the bug that the channels were incorrectly modified during batch configuration of Tx power.

## Notes

- 1) This version of the controller is fully applied to the Omada APP of version 4.2.X or above.
- 2) Omada SDN Controller can only manage certain devices running the supported firmware. Please confirm that your device is compatible with the SDN Controller.
- 3) If you are using an old Controller and plan to upgrade to this version, please follow the procedure of the [Omada Controller Upgrade Guide](#).
- 4) Once upgraded to this version of Omada Controller, you will be NOT able to downgrade to version 3.2.14 or below.