

How to upgrade the firmware of EAP products

Notice:

- After you download the firmware from TP-Link website, please use decompression software such as WinZip or WinRAR to extract the firmware file to a folder;
- It's recommended to upgrade the firmware via **Ethernet cable connection** but not wireless connection;
- **Do NOT turn off the power or unplug the Ethernet cable during upgrading process;**
- It is recommended to backup the current settings so you can restore the settings manually after the upgrade.

Preparation

Verify the **model number** and **hardware version** of your devices from the label on the device first to make sure you are using the correct firmware.



Upgrade Firmware

There are two methods to upgrade the firmware:

1. [Upgrade EAP through Omada Controller.](#)
2. [Upgrade EAP through device's Web Management Page.](#)

But we recommend to use Omada Controller to upgrade EAPs if you have multiple units.

Method 1 Upgrade EAP through Omada Controller

According to different network deployment, you can choose three different methods to upgrade the firmware through Omada Controller.

- [Upgrade EAP locally.](#)
- [Upgrade EAP through Cloud Access \(via web page\).](#)
- [Upgrade EAP through Cloud Access \(via Omada APP\)](#)

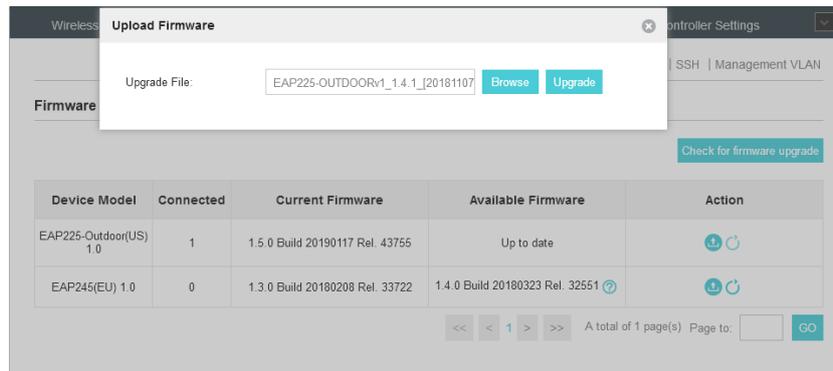
Upgrade EAP locally.

Step 1 Search the **Model** number you found on the label on TP-Link website and download the corresponding firmware. Extract the downloaded file to a folder and you will see a **.bin** file.

 EAP225-OUTDOORv1_1.4.1_[20181107]-rel...	11/7/2018 9:56 AM	BIN File	8,591 KB
 GPL License Terms.pdf	11/28/2017 3:55 PM	Adobe Acrobat 文...	135 KB
 How to upgrade the firmware of EAP pro...	5/18/2016 2:58 PM	Adobe Acrobat 文...	242 KB

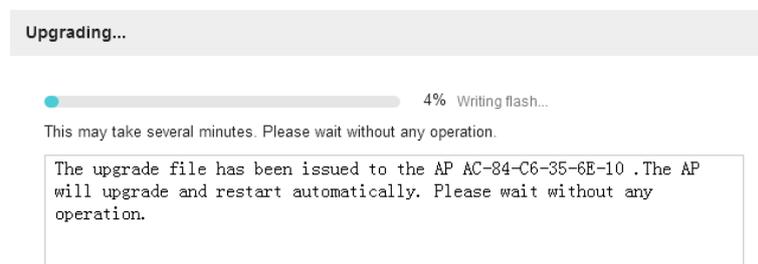
Step 2 Login to the web interface of Omada Controller and go to **Site Settings** → **Batch Upgrade**.

Step 3 Choose the model you want to upgrade from the drop-down list of **Device Model**. Click on **Browse** to select the firmware you extracted in Step 1. And then click **Upgrade**.



Device Model	Connected	Current Firmware	Available Firmware	Action
EAP225-Outdoor(US) 1.0	1	1.5.0 Build 20190117 Rel. 43755	Up to date	 
EAP245(EU) 1.0	0	1.3.0 Build 20180208 Rel. 33722	1.4.0 Build 20180323 Rel. 32551 	 

Step 4 Wait for the upgrading process to complete. After the upgrade, the device will reboot automatically.



Upgrading...

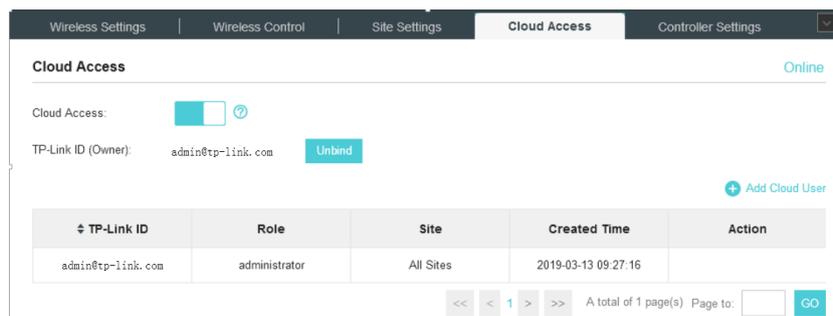
4% Writing flash...

This may take several minutes. Please wait without any operation.

The upgrade file has been issued to the AP AC-84-C6-35-6E-10. The AP will upgrade and restart automatically. Please wait without any operation.

Upgrade EAP through Cloud Access (via web page)

Step 1 Enable **Cloud Access** and bind your **TP-Link ID**. Please make sure the version of Omada Controller is **3.0.2** or above.



TP-Link ID	Role	Site	Created Time	Action
admin@tp-link.com	administrator	All Sites	2019-03-13 09:27:16	

Step 2 Click **Check for firmware upgrade**, if the EAP has available firmware, just click **Batch Update**.

Wireless Settings | Wireless Control | **Site Settings** | Cloud Access | Controller Settings

LED | Device Account | Reboot Schedule | Log Settings | **Batch Upgrade** | SSH | Management VLAN

Firmware List

1 **Check for firmware upgrades**

Device Model	Connected	Current Firmware	Available Firmware	Action
EAP225-Outdoor(US) 1.0	1	1.5.0 Build 20190117 Rel. 43755	Up to date	
EAP245(EU) 1.0	1	1.3.0 Build 20180208 Rel. 33722	1.4.0 Build 20180323 Rel. 32551	2

<< < 1 > >> A total of 1 page(s) Page to: GO

Step 3 Omada Controller will download the latest firmware from the cloud and upgrade it automatically.

Upgrading...

6% Writing flash...

This may take several minutes. Please wait without any operation.

The upgrade file has been issued to the AP 50-C7-BF-17-A6-E2 .The AP will upgrade and restart automatically. Please wait without any operation.

Upgrade EAP through Cloud Access (via Omada APP)

Step 1 Enable **Cloud Access** and bind your **TP-Link ID**. Please make sure the version of Omada Controller is **3.0.2 or above**.

Step 2 Open the Omada APP, you will see Omada Controller in the page.

☰ Controller - Local Access +

☁️ ↔️ 📄

Omada Controller_C757AA ⋮
192.168.1.3 | V3.0.2

Step 3 Click the Omada Controller, you will see the APs managed by Omada Controller.

☰ Controllers 🔍 ⋮

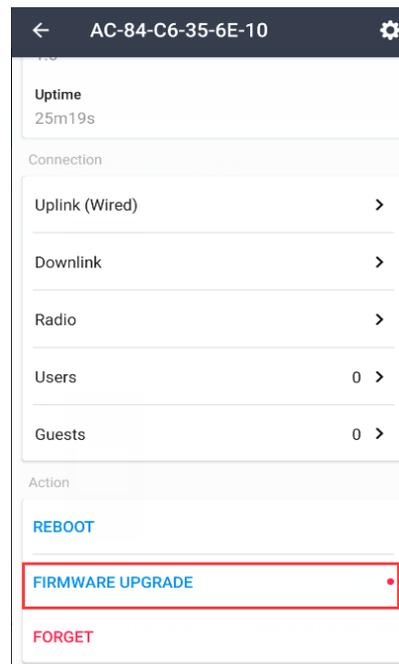
STATISTICS **APs** CLIENTS SETTINGS

EC-08-6B-D4-E9-BC EAP330
192.168.1.15 Pending

50-C7-BF-17-A6-E2 EAP245
192.168.1.5 Connected

AC-84-C6-35-6E-10 EAP225-Outdoor
192.168.1.10 Connected

Step 4 Just click the AP we want to upgrade, then we will see **FIRMWARE UPGRADE**. If the firmware of the EAP is not the latest, we will see a **red dot** on the right.



Step 5 Click **FIRMWARE UPGRADE** to upgrade the firmware. Then the New Version window will pop up, just click **OK** button, the EAP will update to latest firmware.

Upgrading...

This may take several minutes.
Please wait for a moment.

OK

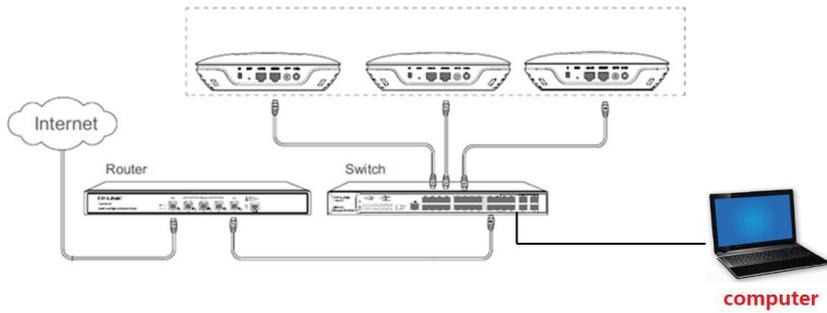
Method 2 Upgrade EAP through device's *web management page*

Step 1 Search the **Model** number you found on the label on TP-Link Website and download the corresponding firmware. Extract the downloaded file to a folder, and you will see a **.bin** file.

 EAP225-OUTDOORv1_1.4.1_[20181107]-rel...	11/7/2018 9:56 AM	BIN File	8,591 KB
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Step 2 Connect your device and your computer to the same LAN. Ensure there is a DHCP server in the LAN assigning IP addresses for the EAPs and your computer. The below figure depicts the topology.

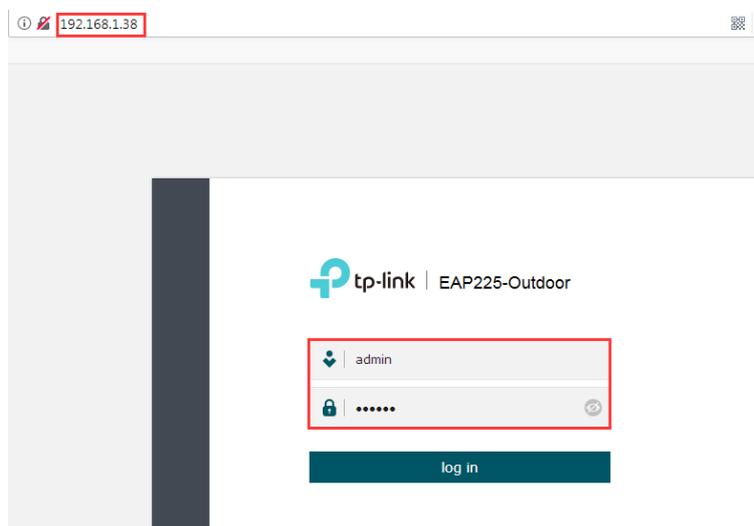
PS: In the topology, the Router supports DHCP Server function.



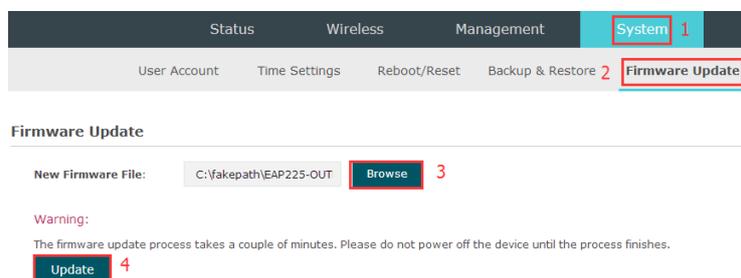
Step 3 Log in to the DHCP server to find out **the IP addresses of the EAPs** based on their hostname EAPXXX-XX-XX-XX-XX-XX.

Host Name	MAC Address	IP Address
EAP225-outdoor-AC-84-C6	AC-84-C6- 	192.168.1.38

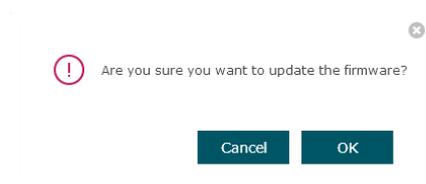
Step 4 Open a web browser and enter the IP address to log in to the EAP's web management page.



Step 5 Navigate to **System** tab **Firmware Upgrade** sub tab. Then click the **Browse** button to choose the **.bin** file you already extracted in the folder.



Step 6 Click the **Upgrade** button. In the pop-up window click **OK** to confirm.



Step 7 Wait for the upgrade to complete. After the update, the device will reboot automatically.

Step 8 Repeat from step 3 to upgrade another unit if you need to update multiple devices.