

## How to Upgrade the Firmware of CAP Products

### Notice:

- After you downloaded 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 upgrade process;
- It is recommended to back up the current settings so you can restore the settings manually after the upgrade.

There are two methods to upgrade the firmware:

- 1) Upgrade the firmware via the Wireless Controller, for example AC50 or AC500.
- 2) Upgrade the firmware via the Web Page of the CAP when it works at FAT mode.

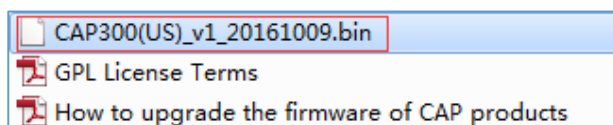
When you have many CAP devices that need to be upgraded, it's recommended to use the Method 1), since it supports batch and scheduled upgrade; when you only have one or two CAPs and they are working at FAT mode, you can use the method 2).

### Preparation:

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



2. Find and Download the correct firmware according to the model number and hardware version from the TP-LINK official website <http://www.tp-link.com/en/support.html>. And then extract the bin file.



### Method 1: Upgrade the firmware via the Wireless Controller.

**Step 1** Login to the AC controller's Web Page and make sure the CAPs that need to be upgraded are found and controlled by the AC controller.

**Note:** the default management IP address of the AC controller is 192.168.0.253, and it will ask you to set up the Username and Password the first time when you login to the Web Page. If you do not know

how to login to the Web Page of the AC controller, please refer to the Installation Guide for help. You can get the Installation Guide from the CD in the package or download it from the TP-LINK official website.

**Step 2** Then please go to **AP Control – AP Firmware Upgrade** and you can see the page as shown in the picture below:

Enable the **Upgrade** option and then click the **Save** button. After that, please click the **Import** option of the CAP that you want to upgrade in the list. Here we take CAP300 for example.

**Step 3** After you click Import option, there will pop up a prompt as shown in the picture below:

**Browse** the firmware you download and extract and then click the **Upload** button to upload. When it succeeds, it will have an “upload succeeded” prompt, please click **OK** to finish the uploading.

**Step 4** After the firmware is uploaded, the **Upgrade Starting Time** can be edit as shown in the picture below:

ID	AP Model	Hardware Version	Firmware Version	Upgrade Starting Time	Upgrade Process	Upgrade Failure	Upgrade Status	Operation
1	CAP300	1.0	1.0.0 Build 20161009 Rel.72771	---	---	---	---	Import Delete
2	CAP1750	1.0	---	---	---	---	---	Import Delete

Please click the area in the red box, then a new window will pop up allowing you to edit the schedule.

**Note:** please make sure the AC controller already syncs the time, or the Current Time may be different

with the real time. You have to set the start time later than the Current Time to make the schedule work.

**Step 5** After the schedule is set up, we need to wait for the starting.

ID	AP Model	Hardware Version	Firmware Version	Upgrade Starting Time	Upgrade Process	Upgrade Failure	Upgrade Status	Operation
1	CAP300	1.0	1.0.0 Build 20160922 Rel.77746	11/21/2016 01:59:00	<a href="#">0/1/1</a>	---	Waiting	Import Delete
2	CAP1750	1.0	---	---	---	---	---	Import Delete

When the time comes, the AC controller will batch upgrade the CAPs automatically

ID	AP Model	Hardware Version	Firmware Version	Upgrade Starting Time	Upgrade Process	Upgrade Failure	Upgrade Status	Operation
1	CAP300	1.0	1.0.0 Build 20160922 Rel.77746	11/21/2016 01:59:00	<a href="#">0/1/1</a>	---	Upgrading	Import Delete
2	CAP1750	1.0	---	---	---	---	---	Import Delete

When you see Upgrade Status changes to **Completed**, it means the upgrade process is done.

ID	AP Model	Hardware Version	Firmware Version	Upgrade Starting Time	Upgrade Process	Upgrade Failure	Upgrade Status	Operation
1	CAP300	1.0	1.0.0 Build 20160922 Rel.77746	11/21/2016 01:59:00	<a href="#">1/0/1</a>	---	Completed	Import Delete
2	CAP1750	1.0	---	---	---	---	---	Import Delete

## Method 2: Upgrade the firmware via the Web Page of the CAP

If you want to use this method, please make sure the CAP is working at the **FAT mode**, or you cannot access the CAP's Web Page. When the mode is changed, the device will reboot.



**Step 1** login to the CAP's Web Page. And it's highly recommended to upgrade the firmware via Ethernet connection.

**Note:** the default management IP address of the CAP is 192.168.0.254, it will ask you to set up the Username and Password the first time when you login to the Web Page of the device. If the CAP is connected to the DHCP Server, it will get IP address automatically from the DHCP Server, then you need to find out the management IP address of the CAP from the DHCP list of the DHCP Server. If you do not know how to login to the Web Page of the CAP, please refer to the Installation Guide of the CAP devices for help.

**Step 2** Please go to **System – Firmware Upgrade**, browser the firmware you downloaded and extracted.

**Firmware Upgrade**

Hardware Version: CAP300 v1.0  
Firmware Version: 1.0.0 Build 20160922 Rel. 77746(4555)  
Firmware Upgrade: CAP300(US)\_v1\_20161009.bin

Then click **Upload** button to upload the firmware. It will pop up a prompt as shown in the picture below:

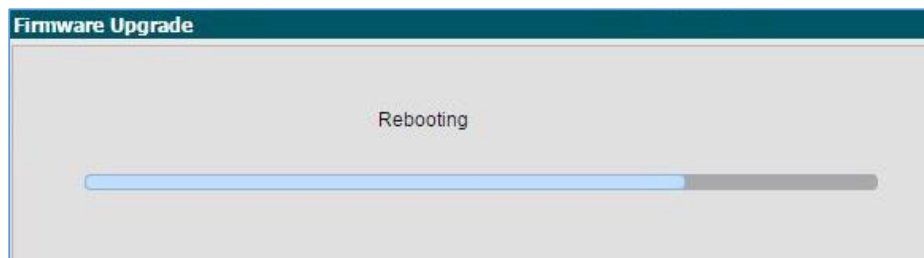
**Firmware Upgrade**

New firmware version is 1.0.0 Build 20161009 Rel. 72771. Keep the current settings or restore to factory defaults during upgrading?

If you want to keep the current settings, please click the **“Save Configuration”** button; if you want to restore the device to the factory default settings, please click the **“Restore”** button. If you click the **“Cancel”** button, the upgrade process will be ended.

Here we click **“Save Configuration”** button to keep it going.

**Step 3** After the upgrade, the CAP requires 1-3 minutes to reboot, please do not interrupt it until it's finished.



When it's finished, you can login to the Web Page again and check the current version of the firmware to make sure it has been upgraded successfully.

