

Upgrade Firmware on WAP551 and WAP561 Access Points

Objective

New firmware releases have advanced features and also can fix the bugs that were present previously on the network devices. The performance of a network device can be enhanced with the latest firmware. Firmware upgrade can be done through either TFTP or HTTP client.

This article explains how to upgrade the firmware for the WAP551 and WAP561 access points through a HTTP client or TFTP server.

Applicable Devices

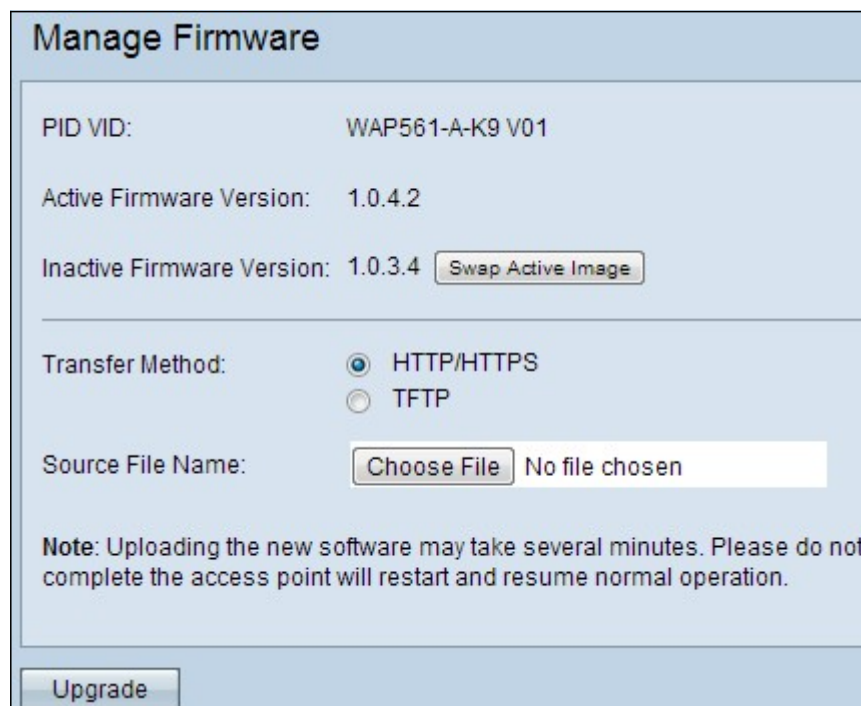
- WAP551
- WAP561

Software Download URL

[WAP551](#)
[WAP561](#)

Firmware Upgrade

Step 1. Log in to the web configuration utility and choose **Administration > Manage Firmware**. The *ManageFirmware* page opens:



The screenshot shows the 'Manage Firmware' web interface. At the top, it displays 'PID VID: WAP561-A-K9 V01'. Below this, it shows 'Active Firmware Version: 1.0.4.2' and 'Inactive Firmware Version: 1.0.3.4' with a 'Swap Active Image' button. The 'Transfer Method' section has two radio buttons: 'HTTP/HTTPS' (selected) and 'TFTP'. The 'Source File Name' field contains a 'Choose File' button and the text 'No file chosen'. A note at the bottom states: 'Note: Uploading the new software may take several minutes. Please do not complete the access point will restart and resume normal operation.' An 'Upgrade' button is located at the bottom left of the form.

The top of the page shows important information about the device.

- PID VID — Displays the product ID and vendor ID of the access point.
- Active Firmware Version — Displays the current active firmware version.
- Inactive Firmware Version — Displays the current inactive firmware version.

Note : This page also allows you to Swap Active Image. To swap active image, refer to the Article *Swap Active Firmware Image on WAP551 and WAP561 Access Point*.

Step 2. Click the radio button of the desired firmware transfer method in the Transfer Method field.

- HTTP/HTTPS — This transfer method uses the user interface of the device to upgrade the firmware. For this type of firmware upgrade, refer to [Firmware Upgrade with HTTP/HTTPS](#).
- TFTP — This transfer method requires a Trivial File Transfer Protocol (TFTP) server for the WAP devices to access. The WAP upgrades its firmware from the file located on this server. In order to use this method, a TFTP server should be downloaded on the computer. The most popular TFTP servers, TFTPd32 or TFTPd64 can be downloaded [here](#). Make sure that the latest firmware of the access point is saved on the TFTP server. For this type of firmware upgrade, refer to [Firmware Upgrade with TFTP](#).

Firmware Upgrade with HTTP/HTTPS

Step 1. Click **Choose File** and choose the image file.

Note: The firmware upgrade file supplied must be a .tar file. Other types of file format do not work.

Step 2. Click **Upgrade** to apply the new firmware.

Note: Uploading the new software may take several minutes. Please do not refresh the page or navigate to another page while uploading the new software, or the software upload will be aborted. When the process is complete the access point will restart and resume normal operation.

Firmware Upgrade with TFTP

Step 1. Enter the name of the firmware file in the Source File Name field that contains the latest firmware to upload.

Note: The firmware upgrade file supplied must be a .tar file. Other types of file formats do

not work.

Step 2. Enter the IP address of the TFTP server in the TFTP Server IPv4 Address field.

Step 3. Click **Upgrade** to apply the new firmware.

Note: Uploading the new software may take several minutes. Please do not refresh the page or navigate to another page while uploading the new software, or the software upload will be aborted. When the process is complete the access point will restart and resume normal operation.