

# WAP 131上的固件升级

## 目标

新固件版本是具有附加功能的更新和用于解决先前固件版本中存在的漏洞修复。使用最新的固件可以增强网络设备的性能。固件升级可通过简单文件传输协议(TFTP)或超文本传输协议/带安全套接字(HTTP/HTTPS)完成。TFTP是一种不安全的文件传输协议，通常用于分发软件升级和配置文件。使用TFTP客户端时，文件将从网络上的TFTP服务器下载。HTTP/HTTPS协议使用Web浏览器传输文件。

本文档的目的是说明如何通过HTTP/HTTPS客户端或TFTP服务器升级WAP131接入点的固件。

**注意：**升级固件时，WAP设备会保留现有配置信息。

## 适用设备

- WAP131

## version

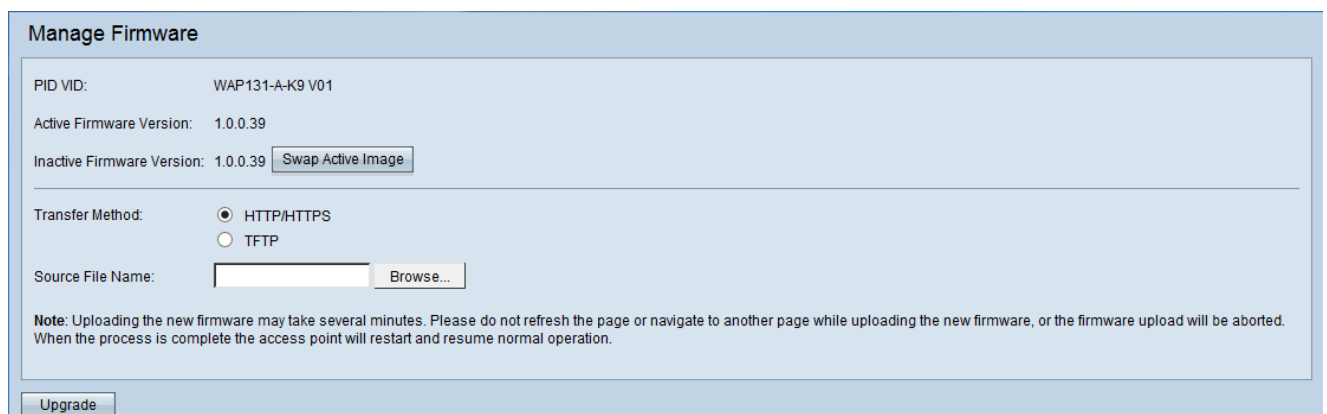
- 1.0.0.39

## 软件下载URL

[WAP131](#)

## 固件升级

步骤1.登录Web配置实用程序，然后选择Administration> Manage Firmware。“管理固件”页面打开：



Manage Firmware

PID VID: WAP131-A-K9 V01

Active Firmware Version: 1.0.0.39

Inactive Firmware Version: 1.0.0.39

Transfer Method:  HTTP/HTTPS  TFTP

Source File Name:

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

这些字段描述如下：

- PID VID — 显示接入点的产品ID和供应商ID。
- 活动固件版本 — 显示当前活动固件版本。
- 非活动固件版本 — 显示之前安装的非活动固件版本。

**注意：**升级固件后，以前的版本将另存为非活动固件版本。这些固件存储在设备上，因此可以随时交换活动固件，这需要重新启动设备。

步骤2.在Transfer Method字段中单击所需固件传输方法的单选按钮。

The screenshot shows the 'Manage Firmware' interface. At the top, it displays 'PID VID: WAP131-A-K9 V01'. Below that, 'Active Firmware Version: 1.0.0.39' and 'Inactive Firmware Version: 1.0.0.39' are shown, with a 'Swap Active Image' button next to the inactive version. The 'Transfer Method' section has two radio buttons: 'HTTP/HTTPS' (selected) and 'TFTP'. A red box highlights this section. Below the radio buttons is a 'Source File Name' input field with a 'Browse...' button. At the bottom, there is a 'Note' about the upload process and an 'Upgrade' button.

可用选项定义如下：

- HTTP/HTTPS — 使用Web浏览器传输固件文件。有关此类固件升级，请参阅[使用HTTP/HTTPS进行固件升级部分](#)。
- 需要简单文件传输协议(TFTP)服务器才能访问WAP设备。WAP从此服务器上的文件升级其固件。如果网络上未安装TFTP服务器，可以从各种在线源安装一台。可以在此下载一些常用的TFTP服务器(TFTPd32和TFTPd64)。确保接入点的最新固件保存在TFTP服务器上。有关此类固件升级，请参阅“使用TFTP进行固件升级”一节。

## 使用HTTP/HTTPS进行固件升级

步骤1.单击“浏览”以打开映像文件。

**注意：**有关下载[链接](#)，请参阅软件下载URL。

This screenshot is identical to the first one, but the 'Source File Name' input field and the 'Browse...' button are highlighted with a red box, indicating the next step in the process.

**注意：**提供的固件升级文件必须是.tar文件。其他类型的文件格式将不起作用。

步骤2.单击Upgrade开始升级过程。

**Manage Firmware**

PID VID: WAP131-A-K9 V01

Active Firmware Version: 1.0.0.39

Inactive Firmware Version: 1.0.0.39

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Transfer Method:  HTTP/HTTPS  
 TFTP

Source File Name: 1\_WAP131\_1.0.0.39.tar

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

步骤3. 系统将显示确认窗口。单击 **OK** 继续。

**Confirm**

 The AP software will now be upgraded. This process may take several minutes. The AP will be unavailable while the upgrade is taking place. Do not power down the access point while the upgrade is in process. When the upgrade is complete the access point will restart and resume normal operation. The configuration will be retained and applied after the upgrade.

系统将显示“升级中”页：

**Manage Firmware**

The new software has been successfully uploaded to the AP.


The AP will now save the new software, load it, reboot and come up with the last saved configuration.

The AP will be unavailable while the upgrade is taking place. Do not power down the access point while the upgrade is in process.

This process will take approximately 6 minutes.

Upon completion, the AP will re-boot and the Logon page will be displayed so that you can re-login.

If the IP address of the AP has changed, you will need to access the Logon page manually at its new IP address.

Please wait, upgrade in progress: 

**注意：**升级需要几分钟。请在流程完成之前不要刷新。操作完成后，接入点将重新启动。连接到WAP的所有客户端在设备升级时可能会暂时失去连接。在某些情况下，升级完成后，您需要手动刷新页面。如果登录页面在6分钟后未显示，请刷新Web浏览器。

## 使用TFTP升级固件

步骤1. 在Source File Name字段中输入固件文件的名称。

**Manage Firmware**

PID VID: WAP131-A-K9 V01

Active Firmware Version: 1.0.0.39

Inactive Firmware Version: 1.0.0.39

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Transfer Method:  HTTP/HTTPS  
 TFTP

Source File Name:  (Range: 1 - 128 Characters)

TFTP Server IPv4 Address:  (xxx.xxx.xxx.xxx)

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

**注意：**提供的固件升级文件必须是.tar文件。其他类型的文件格式不起作用。

**步骤2.**在TFTP Server IPv4 Address字段中输入TFTP服务器的IP地址。

**Manage Firmware**

PID VID: WAP131-A-K9 V01

Active Firmware Version: 1.0.0.39

Inactive Firmware Version: 1.0.0.39

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Transfer Method:  HTTP/HTTPS  
 TFTP

Source File Name:  (Range: 1 - 128 Characters)

TFTP Server IPv4 Address:  (xxx.xxx.xxx.xxx)

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

**步骤3.**单击Upgrade以应用新固件。

**Manage Firmware**

PID VID: WAP131-A-K9 V01

Active Firmware Version: 1.0.0.39

Inactive Firmware Version: 1.0.0.39

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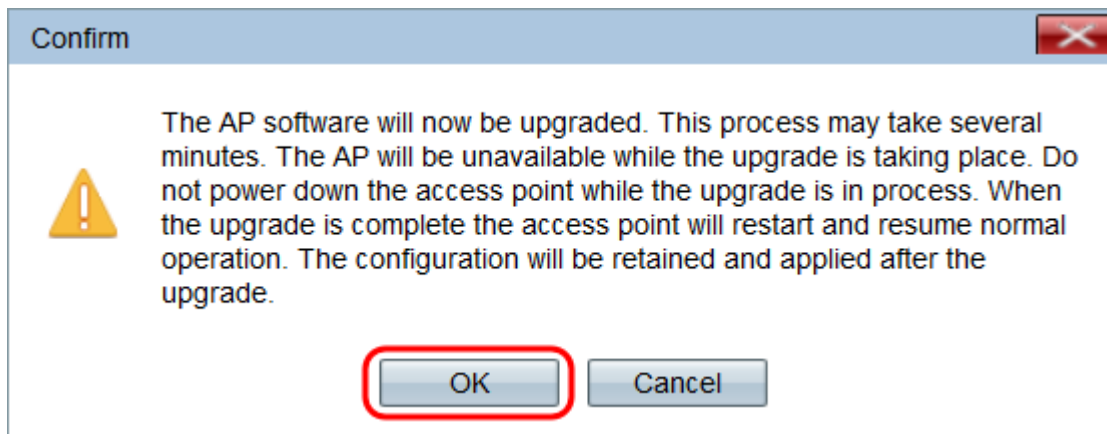
Transfer Method:  HTTP/HTTPS  
 TFTP

Source File Name:  (Range: 1 - 128 Characters)

TFTP Server IPv4 Address:  (xxx.xxx.xxx.xxx)

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

**步骤4.**系统将显示确认窗口。单击 OK 继续。



系统将显示“升级中”页：

### Manage Firmware

The new software has been successfully uploaded to the AP.


The AP will now save the new software, load it, reboot and come up with the last saved configuration.

The AP will be unavailable while the upgrade is taking place. Do not power down the access point while the upgrade is in process.

This process will take approximately 6 minutes.

Upon completion, the AP will re-boot and the Logon page will be displayed so that you can re-login.

If the IP address of the AP has changed, you will need to access the Logon page manually at its new IP address.

Please wait, upgrade in progress: 

**注意：**升级需要几分钟。请在流程完成之前不要刷新。操作完成后，接入点将重新启动并恢复正常操作。连接到WAP的所有客户端在设备升级时可能会暂时失去连接。在某些情况下，升级完成后，您需要手动刷新页面。如果登录页面在6分钟后未显示，请刷新Web浏览器。