

升级WAP125上的固件

目标

新固件版本是较以前固件版本有所改进的。升级后，网络设备性能可以增强。固件文件可通过以下方式下载：

- 简单文件传输协议(TFTP) — 用户数据报协议(UDP)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TFTP服务器下载。
- 超文本传输协议/带安全套接字(HTTP/HTTPS) — 使用Web浏览器传输文件的协议。

本文档说明如何通过HTTP/HTTPS客户端或TFTP服务器交换和升级WAP125上的固件。

提示：升级固件时，建议在计算机上使用有线连接以避免升级过程中中断。

适用设备

- WAP125

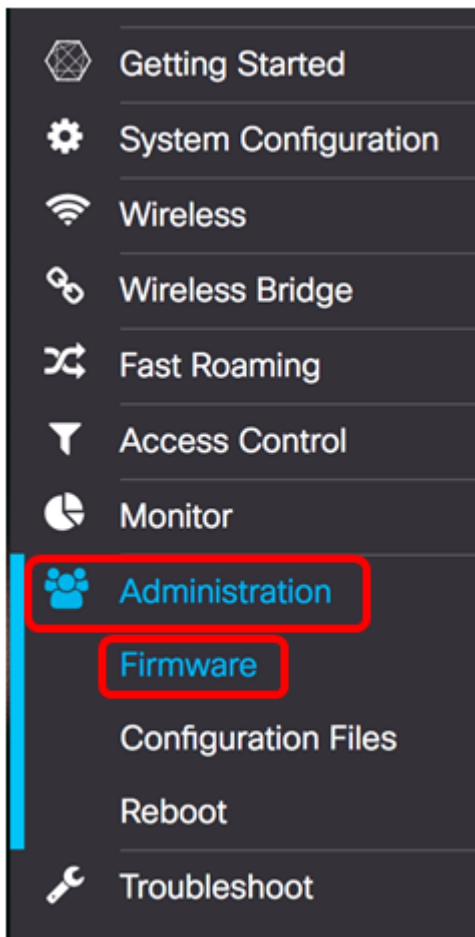
软件版本

- 1.0.0.4

升级固件

注意：在开始升级过程之前，请确保您已从思科网站下载了设备的最新固件。要检查最新更新，请单击[此处](#)。

步骤1. 登录WAP的基于Web的实用程序，然后选择**Administration > Firmware**。



Firmware区域描述如下：

Firmware

PID VID:	WAP125-A-K9-NA V01
Active Firmware Version:	1.0.0.3
Firmware MD5 Checksum (Active Image):	c7ff213adbde5dad8834df7fb3da1b4f
Inactive Firmware Version:	1.0.0.3
Firmware MD5 Checksum (Non-active):	c7ff213adbde5dad8834df7fb3da1b4f

[Swap Images](#)

Download Method: HTTP/HTTPS
 TFTP

Source File Name: [Browse...](#) No file selected.

[Upgrade](#)

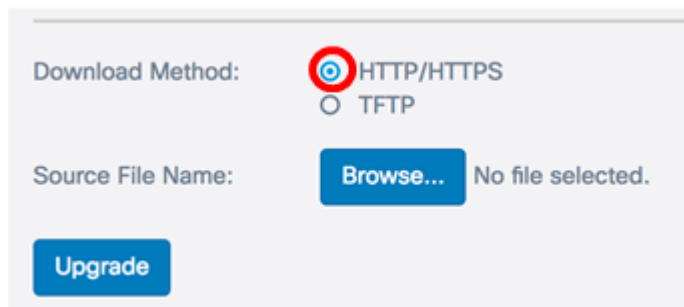
- PID VID — 显示接入点的产品ID和供应商ID。
- 活动固件版本 — 显示当前固件版本。
- 固件MD5校验和（活动映像） — 32个字符的十六进制数或128位加密方法。MD5算法使用公共密码系统加密数据。

- 非活动固件版本 — 升级固件时，先前版本将另存为非活动固件版本。
- 固件MD5校验和（非活动） — 辅助32个字符的十六进制数或128位加密方法。MD5算法使用公共密码系统加密数据。

步骤2.在Download Method区域，选择单选按钮以确定获取下载的方法。选项有：

- HTTP/HTTPS — 如果选择此选项，请继续[执行通过HTTP/HTTPS升级](#)。
- TFTP — 如果选择此选项，请继续执行[通过TFTP服务器升级](#)。

注意：在本例中，选择HTTP/HTTPS。



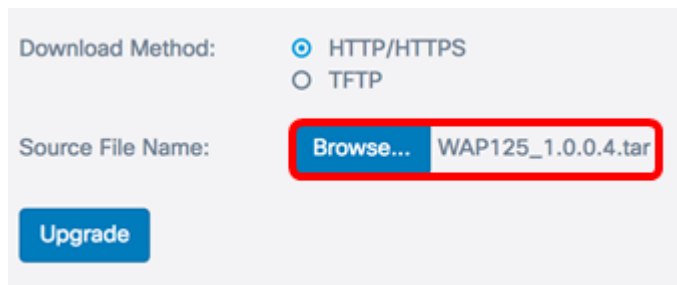
The screenshot shows a form with the following elements:

- Download Method:** Two radio buttons are present. The first is labeled "HTTP/HTTPS" and is selected, indicated by a red circle around the radio button. The second is labeled "TFTP" and is unselected.
- Source File Name:** A text input field is empty, with a blue "Browse..." button to its left. To the right of the input field, the text "No file selected." is displayed.
- Upgrade:** A blue button labeled "Upgrade" is located at the bottom left of the form.

[通过HTTP/HTTPS升级](#)

步骤3.单击**Browse...**获取要升级的文件。提供的固件升级文件必须是.tar文件。请勿尝试使用.bin或其他文件格式进行升级，因为这些类型的文件不起作用。文件名不能包含空格和特殊字符。

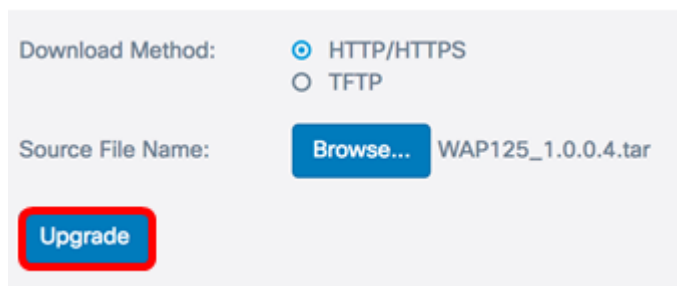
注意：在本示例中，选择WAP125_1.0.0.4.tar。



The screenshot shows the same form as above, but with the following changes:

- Source File Name:** The text input field now contains "WAP125_1.0.0.4.tar". The "Browse..." button is highlighted with a red border.
- Upgrade:** The "Upgrade" button remains at the bottom left.

步骤4.单击**Upgrade**以应用新固件。



The screenshot shows the same form as above, but with the following change:

- Upgrade:** The "Upgrade" button is now highlighted with a red border.

升级按钮上方将显示进度条，并附上注释，通知您上传新固件可能需要几分钟时间。

Download Method: HTTP/HTTPS
 TFTP

Source File Name: WAP125_1.0.0.4.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.

固件上传到WAP后，页面会更改并在设备重新启动时显示一系列说明。

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:

步骤5. WAP重新启动后，重新登录基于Web的实用程序，然后选择**Administration > Firmware**以验证新的固件版本。

活动固件版本现在应显示最新固件版本。

Firmware

PID VID:	WAP125-A-K9-NA V01
Active Firmware Version:	1.0.0.4
Firmware MD5 Checksum (Active Image):	9c25b6811825a37870f7878dfe67be66
Inactive Firmware Version:	1.0.0.3
Firmware MD5 Checksum (Non-active):	c7ff213adbde5dad8834df7fb3da1b4f

您现在应该已通过HTTP/HTTPS成功升级WAP125。

[通过TFTP服务器升级](#)

步骤3.在Source File Name字段中，输入要上传到WAP的源文件的名称。提供的固件升级文件必须是.tar文件。请勿尝试使用.bin或其他文件格式进行升级，因为这些类型的文件不起作用。文件名不能包含空格和特殊字符。

注意：在本示例中，使用WAP125_1.0.0.4.tar。

Download Method: HTTP/HTTPS
 TFTP

Source File Name:

TFTP Server IPv4 Address:

Upgrade

步骤4.在TFTP服务器IPv4地址字段中，输入固件所在的TFTP服务器的IP地址。

注意：在本例中，使用192.168.100.145。

Download Method: HTTP/HTTPS
 TFTP

Source File Name:

TFTP Server IPv4 Address:

Upgrade

步骤5.单击Upgrade。

Download Method: HTTP/HTTPS
 TFTP

Source File Name:

TFTP Server IPv4 Address:

Upgrade

升级按钮上方将显示进度条，并附上注释，通知您上传新固件可能需要几分钟时间。

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.

Upgrade

步骤6.将固件上传到WAP后，页面会更改并在设备重新启动时显示一系列说明。

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: 

步骤7. WAP重新启动后，重新登录基于Web的实用程序，然后选择**Administration > Firmware**以验证新固件版本。

活动固件版本现在应显示最新版本。

Firmware

PID VID: WAP125-A-K9-NA V01

Active Firmware Version: 1.0.0.4

Firmware MD5 Checksum (Active Image): 9c25b6811825a37870f7878dfe67be66

Inactive Firmware Version: 1.0.0.3

Firmware MD5 Checksum (Non-active): c7ff213adbde5dad8834df7fb3da1b4f

Swap Images

您现在应该已通过TFTP服务器成功升级WAP125。

交换固件

WAP通常有两个固件映像或文件。这样，如果一个固件文件因任何原因失败，则另一个固件文件可以使用备份文件或非活动文件。您也可以选择使用一个而不是另一个。

步骤1.在“固件”区域，单击“**交换映像**”按钮。

Firmware

PID VID: WAP125-A-K9-NA V01

Active Firmware Version: 1.0.0.4

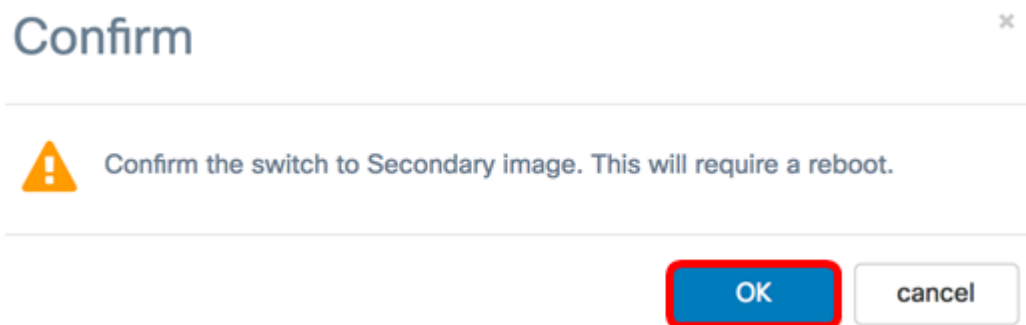
Firmware MD5 Checksum (Active Image): 9c25b6811825a37870f7878dfe67be66

Inactive Firmware Version: 1.0.0.3

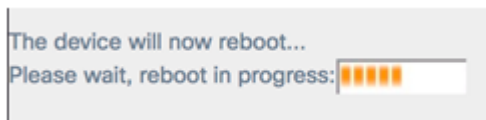
Firmware MD5 Checksum (Non-active): c7ff213adbde5dad8834df7fb3da1b4f

Swap Images

步骤2.弹出窗口将提示您确认切换到次映像。单击 **OK** 继续。



当重新启动正在进行时，将显示进度条。



步骤3.重新登录WAP的基于Web的实用程序，然后选择**Administration > Firmware**。

PID VID:	WAP125-A-K9-NA V01
Active Firmware Version:	1.0.0.3
Firmware MD5 Checksum (Active Image):	c7ff213adbde5dad8834df7fb3da1b4f
Inactive Firmware Version:	1.0.0.4
Firmware MD5 Checksum (Non-active):	9c25b6811825a37870f7878dfe67be66

现在，您应该已成功将非活动固件交换到活动固件。