

升級WAP125上的韌體

目標

新的韌體版本是對以前韌體版本的改進。進行升級時，可以增強網路裝置的效能。可通過以下方式下載韌體檔案：

- 簡單式檔案傳輸通訊協定(TFTP) — 使用者資料包通訊協定(UDP)檔案傳輸通訊協定，通常用於分發軟體升級和組態檔。使用TFTP使用者端時，系統會從TFTP伺服器下載檔案。
- 使用安全套接字的超文本傳輸協定(HTTP/HTTPS) — 使用Web瀏覽器傳輸檔案的協定。

本文檔介紹如何通過HTTP/HTTPS客戶端或TFTP伺服器交換和升級WAP125上的韌體。

提示：升級韌體時，建議在電腦上使用有線連線，以避免升級過程中中斷。

適用裝置

- WAP125

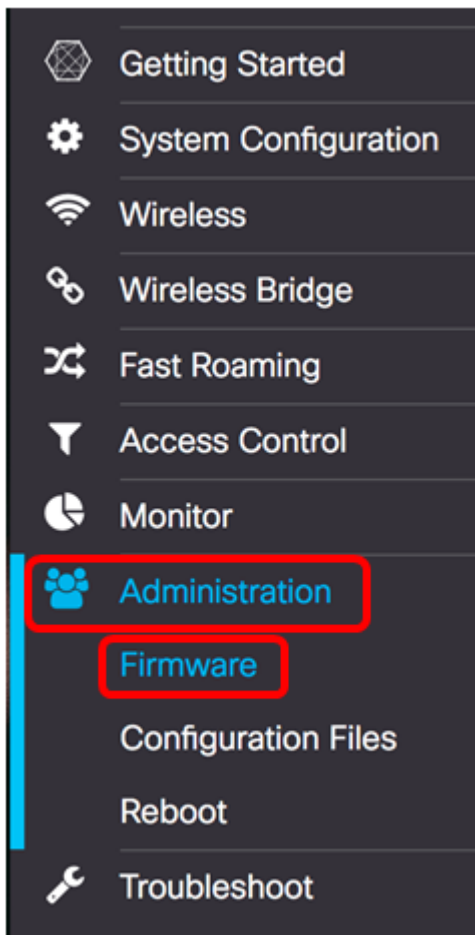
軟體版本

- 1.0.0.4

升級韌體

附註：開始升級程式之前，請確保您已從思科網站下載裝置的最新韌體。要檢查最新更新，請按一下[此處](#)。

步驟1.登入到WAP的基於Web的實用程式，然後選擇**Administration > Firmware**。



「韌體」區域說明如下：

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](#)

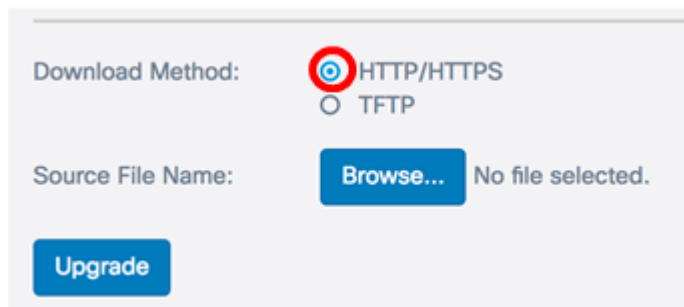
- PID VID — 顯示接入點的產品ID和供應商ID。
- 活動韌體版本 — 顯示當前韌體版本。
- 韌體MD5校驗和（活動映像） — 32個字元的十六進位制數字或128位加密方法。MD5演算法使用公共密碼系統加密資料。

- 非活動韌體版本 — 升級韌體時，將以前的版本儲存為非活動韌體版本。
- 韌體MD5校驗和（非活動） — 輔助32個字元的十六進位制數或128位加密方法。MD5演算法使用公共密碼系統加密資料。

步驟2.在Download Method區域，選擇單選按鈕以確定獲取下載的方法。選項包括：

- HTTP/HTTPS — 如果選擇此選項，請通過[HTTP/HTTPS繼續升級](#)。
- TFTP — 如果選擇此選項，請繼續通過TFTP[伺服器進行升級](#)。

附註：在此範例中，選擇HTTP/HTTPS。

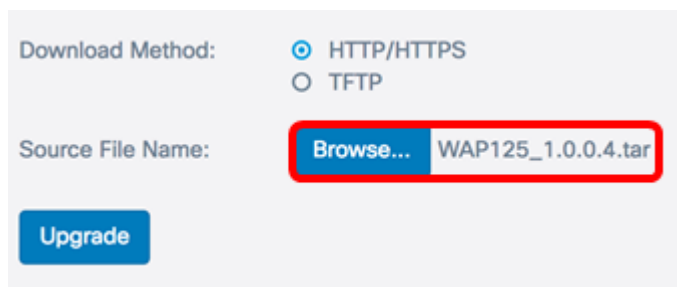


The screenshot shows a form with two main sections. The first section is labeled 'Download Method:' and contains two radio buttons: 'HTTP/HTTPS' (which is selected, indicated by a red circle) and 'TFTP'. The second section is labeled 'Source File Name:' and contains a blue 'Browse...' button and the text 'No file selected.' Below these sections is a blue 'Upgrade' button.

[通過HTTP/HTTPS升級](#)

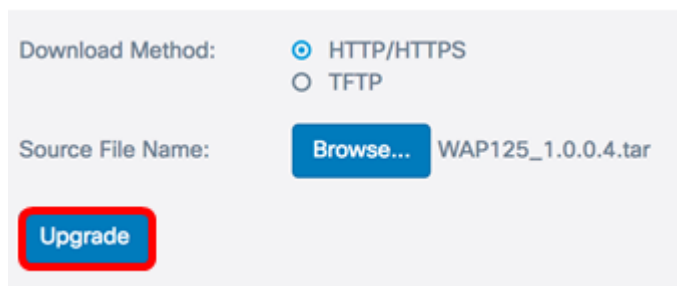
步驟3.按一下**Browse...**取得檔案以進行升級。提供的韌體升級檔案必須是.tar檔案。請勿嘗試使用.bin或其他檔案格式進行升級，因為這些型別的檔案無法正常工作。檔名不能包含空格和特殊字元。

附註：在本示例中，選擇了WAP125_1.0.0.4.tar。



This screenshot is similar to the previous one, but the 'Source File Name:' field now contains the text 'WAP125_1.0.0.4.tar'. The 'Browse...' button is highlighted with a red rectangle.

步驟4.按一下**Upgrade**以應用新的韌體。



This screenshot is identical to the previous one, but the 'Upgrade' button is now highlighted with a red rectangle.

Upgrade按鈕上方將顯示一個進度條，其中附有註釋，通知您上傳新韌體可能需要幾分鐘。

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.

一旦將韌體上傳到WAP，頁面將會更改，並在裝置重新啟動時顯示一系列說明。

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: ■■■■■■■■

步驟5.重新啟動WAP後，重新登入到基於Web的實用程式，然後選擇Administration > Firmware以驗證新的韌體版本。

Active Firmware Version現在應顯示最新的韌體版本。

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

現在，您應該已經通過HTTP/HTTPS成功升級WAP125。

[通過TFTP伺服器升級](#)

步驟3.在Source File Name欄位中，輸入將上傳到WAP的來源檔案的名稱。提供的韌體升級檔案必須是.tar檔案。請勿嘗試使用.bin或其他檔案格式進行升級，因為這些型別的檔案無法正常工作。檔名不能包含空格和特殊字元。

附註：本示例使用WAP125_1.0.0.4.tar。

Download Method: HTTP/HTTPS
 TFTP

Source File Name:

TFTP Server IPv4 Address:

Upgrade

步驟4.在「*TFTP Server IPv4 Address*」欄位中，輸入韌體所在的TFTP伺服器的IP位址。

附註：本示例使用192.168.100.145。

Download Method: HTTP/HTTPS
 TFTP

Source File Name:

TFTP Server IPv4 Address:

Upgrade

步驟5.按一下**Upgrade**。

Download Method: HTTP/HTTPS
 TFTP

Source File Name:

TFTP Server IPv4 Address:

Upgrade

Upgrade按鈕上方將顯示一個進度條，其中附有註釋，通知您上傳新韌體可能需要幾分鐘。

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

步驟6.一旦將韌體上傳到WAP，頁面將更改並在裝置重新啟動時顯示一系列說明。

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: ■■■■■■■■

步驟7.重新啟動WAP後，重新登入到基於Web的實用程式，然後選擇**Administration > Firmware**以驗證新的韌體版本。

活動韌體版本現在應顯示最新版本。

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

您現在應該已經通過TFTP伺服器成功升級了WAP125。

交換韌體

WAP通常有兩個韌體映像或檔案。這樣，如果一個韌體檔案由於任何原因發生故障，另一個韌體檔案可以使用備份或非活動檔案。您也可以選擇使用一種方式而非另一種方式。

步驟1.在Firmware區域中，按一下**Swap Images**按鈕。

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

步驟2.彈出視窗將提示您確認切換到次映像。按一下OK繼續。

Confirm x



Confirm the switch to Secondary image. This will require a reboot.

OK

cancel

當重新啟動正在進行時，將出現一個進度條。

The device will now reboot...

Please wait, reboot in progress:



步驟3.重新登入到WAP的基於Web的實用程式，然後選擇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

現在，您應該已經成功地將非活動韌體交換為活動韌體。