升级无线接入点上的固件

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) 这些协议使用Web浏览器传输文件。

本文档介绍如何通过HTTP/HTTPS客户端或TFTP服务器升级无线接入点(WAP)上的固件。

提示:升级固件时,建议在计算机上使用有线互联网连接以避免升级过程中中断。

适用设备 |固件版本

- •WAP121 | 1.0.6.5(下载最<u>新版本</u>)
- •WAP131 | 1.0.2.8(下载最<u>新版本</u>)
- •WAP150 | 1.0.1.7(下载最<u>新版本</u>)
- •WAP321 | 1.0.6.5(下载最<u>新版本</u>)
- •WAP351 | 1.0.2.8(下载最<u>新版本</u>)
- •WAP361 | 1.0.1.7(下载最<u>新版本</u>)
- •WAP371 | 1.3.0.3(下载最<u>新版本</u>)
- •WAP551 | 1.2.1.3(下载最<u>新版本</u>)
- •WAP561 | 1.2.1.3(下载最<u>新版本</u>)

升级固件

在开始升级过程之前,请确保您已使用上述相应链接从思科网站下载了设备的最新固件。

通过HTTP/HTTPS升级固件

注意:使用的映像以WAP131为例。

步骤1.登录接入点图形用户界面(GUI),然后选择管理>管理固件。

Administration	
System Settings	
User Accounts	
Time Settings	
Log Settings	
Email Alert	
LED Display	
HTTP/HTTPS S	ervice
Management Ac	cess Control
Manage Firmwa	re
Manage Configu	ration File
Reboot	
Discovery - Bon	jour
Packet Capture	
Support Informa	tion

步骤2.在Manage Firmware区域下,选择HTTP/HTTPS单选按钮作为Transfer Method。

注意:系统将显示产品ID(PID VID)和活动和非活动固件版本。升级固件后,以前的版本将另存为非 活动固件版本。这些固件版本存储在设备上,因此可以随时交换活动固件。

Manage Firmware	
PID VID:	WAP131-A-K9 V01
Active Firmware Version:	1.0.0.39
Inactive Firmware Version:	1.0.0.39 Swap Active Image
Transfer Method:	HTTP/HTTPS TFTP
Source File Name:	Choose File No file chosen
Note: Uploading the new fil aborted. When the process	rmware may take several minutes. Please do not i is complete the access point will restart and resu
Upgrade	

步骤3.单击"选择文件"并找到您之前下载的固件映像文件。

注意: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。文件名不能包含以下字符:空格和特殊字符。

Manage Firmware	
PID VID:	WAP131-A-K9 V01
Active Firmware Version:	1.0.0.39
Inactive Firmware Version:	1.0.0.39 Swap Active Image
Transfer Method:	HTTP/HTTPS TFTP
Source File Name:	Choose File WAP351_WAP10.1.4.tar
Note: Uploading the new fi aborted. When the process	rmware may take several minutes. Please do not refresh is complete the access point will restart and resume no
Upgrade	

步骤4.单击Upgrade。

注意:上传新固件可能需要几分钟时间。上传新固件时,请勿刷新页面或导航至其他页面,否则固件上传将中止。完成该过程后,WAP将重新启动并恢复正常操作。在某些情况下,升级完成后,您 需要手动刷新页面。如果六分钟后未显示登录页面,请刷新Web浏览器。

Γ	Manage Firmware	
	PID VID:	WAP131-A-K9 V01
	Active Firmware Version:	1.0.0.39
	Inactive Firmware Version:	1.0.0.39 Swap Active Image
	Transfer Method:	 HTTP/HTTPS TFTP
	Source File Name:	Choose File WAP351_WAP10.1.4.tar
	Note: Uploading the new fin aborted. When the process	rmware may take several minutes. Please do not refresh is complete the access point will restart and resume no
	Upgrade	
步	⁻ 骤5.单击"确 定" 继续	卖。



步骤6.然后显示升级过程的进度。

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:

步骤7.要验证固件升级是否成功,请登录基于Web的实用程序并选择Administration > Manage Firmware。在Manage Firmware区域下,您将在Active Firmware Version中看到活动映像。

Manage Firmware	
PID VID:	WAP131-A-K9 V01
Active Firmware Version:	1.0.1.4
Inactive Firmware Version:	1.0.0.39 Swap Active Image
Transfer Method:	 HTTP/HTTPS TFTP
Source File Name:	Choose File No file chosen
Note: Uploading the new fir aborted. When the process	mware may take several minutes. Please do not re is complete the access point will restart and resum
Upgrade	

您现在已通过HTTP/HTTPS成功升级固件。

通过TFTP升级固件

步骤1.登录到基于Web的接入点实用程序,然后选择Administration > Manage Firmware。

Administration
System Settings
User Accounts
Time Settings
Log Settings
Email Alert
LED Display
HTTP/HTTPS Service
Management Access Control
Manage Firmware
Manage Configuration File
Reboot
Discovery - Bonjour
Packet Capture
Support Information

步骤2.单击TFTP单选按钮作为传输方法。

Manage Firmware	
PID VID:	WAP131-A-K9 V01
Active Firmware Version:	1.0.0.39
Inactive Firmware Version:	1.0.0.39 Swap Active Image
Transfer Method:	HTTP/HTTPSTFTP
Source File Name:	/share/builds/ap/WAP (Range:
TFTP Server IPv4 Address:	192.168.1.2 (XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

步骤3.在Source File Name字段中输入*源文件*名。字符限制为1到256,包括包含映像的目录路径。

注意:提供的固件升级文件必须是.tar文件。请勿尝试使用.bin文件或其他格式的文件进行升级;这 些类型的文件不起作用。文件名不能包含以下字符:空格和特殊字符。

Manage Firmware		
PID VID:	WAP131-A-K9 V01	
Active Firmware Version:	1.0.0.39	
Inactive Firmware Version:	1.0.0.39 Swap Active Image	
Transfer Method:	HTTP/HTTPSTFTP	
Source File Name:	/share/builds/ap/WAP (Range	
TFTP Server IPv4 Address:	192.168.1.2 ()000.0000	

步骤4.在TFTP Server IPv4 Address字段中输入TFTP Server IPv4 Address。

注意:IP地址192.168.1.2用作以下示例。

Manage Firmware	
PID VID:	WAP131-A-K9 V01
Active Firmware Version:	1.0.0.39
Inactive Firmware Version:	1.0.0.39 Swap Active Image
Transfer Method:	HTTP/HTTPSTFTP
Source File Name:	/share/builds/ap/WAP (Range
TFTP Server IPv4 Address:	192.168.1.2 (xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

步骤5.单击Upgrade。

Manage Firmware		
PID VID:	WAP131-A-K9 V01	
Active Firmware Version:	1.0.0.39	
Inactive Firmware Version:	1.0.0.39 Swap Active In	nage
Transfer Method:	HTTP/HTTPSTFTP	
Source File Name:	/share/builds/ap/WAP	(Rang
TFTP Server IPv4 Address:	192.168.1.2	(xxxxxxx)
Note : Uploading the new will restart and resume new	software may take seve ormal operation.	eral mii
Upgrade		

注意:上传新固件可能需要几分钟时间。上传新固件时,请勿刷新页面或导航至其他页面,否则固件上传将中止。完成该过程后,WAP将重新启动并恢复正常操作。在某些情况下,升级完成后,您 需要手动刷新页面。如果六分钟后未显示登录页面,请刷新Web浏览器。

步骤6.单击"确定"继续。



步骤7.然后显示升级过程的进度。

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:

步骤8.要验证固件升级是否成功,请登录基于Web的实用程序并选择Administration > Manage Firmware。在Manage Firmware区域下,您将在Active Firmware Version中看到活动映像。

Manage Firmware	
PID VID:	WAP131-A-K9 V01
Active Firmware Version:	1.0.1.4
Inactive Firmware Version:	1.0.0.39 Swap Active Image
Transfer Method:	HTTP/HTTPS TFTP
Source File Name:	Choose File No file chosen
Note: Uploading the new firmware may take several minutes. Please do not re aborted. When the process is complete the access point will restart and resum	
Upgrade	

您现在已通过TFTP服务器成功升级固件。

有关更新WAP上固件的详细信息,请查看以下部分:

WAP121和WAP321接入点固件升级 升级WAP125上的固件 WAP131上的固件升级 WAP371上的固件升级 升级WAP551和WAP561接入点上的固件 产品页面,包括指向有关WAP121和WAP321接入点的所有文章的链接 产品页面,包括指向有关WAP125接入点的所有文章的链接 产品页面,包括指向有关WAP131和WAP351接入点的所有文章的链接 产品页面,包括指向有关WAP150接入点的所有文章的链接 产品页面,包括指向有关WAP371接入点的所有文章的链接 <u>产品页面,包括指向有关WAP551和WAP561接入点的所有文章的链接</u>