



Cisco Embedded Wireless Controller (EWC) on Catalyst 9100 Access Points

Converting Catalyst 9100 CAPWAP access points to
EWC access points

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Steps for conversion of Catalyst 9100 CAPWAP access points to Catalyst Embedded Wireless Controller access points

Step 1



Ensure the Catalyst 9100 CAPWAP AP has AireOS 8.10 or Cisco® IOS XE Release 16.12.1s code prior to converting to an EWC AP. Images are available on cisco.com.

Step 2



Download the EWC AP software zip file: C9800-APuniversalk9<version>.zip from cisco.com to a TFTP server. Then unzip the file.

Step 3



Conversion to EWC AP requires two files to be downloaded on the Catalyst 9100 AP: an AP image and a controller image. Files are available in the unzipped folder.

Note: ap1g7 is the AP image for Catalyst 9115 and 9120, ap1g6 is for 9117, ap1g8 is for 9105i and ap1g6a is for 9130.

The controller image file is C9800-AP-iosxe-wlc.bin and it is the same for all Catalyst 9100 Access Points.

Step 4



From the AP prompt, execute the following CLI. After the download, the Catalyst 9100 access point will reboot. After it comes up, it will run the controller

```
AP# ap-type ewc-ap tftp://<tftp-server-ip>/<ap1gx(AP image)>  
tftp://tftp-server-ip>/<C9800-AP-iosxe-wlc.bin>
```

