



Mesh Support

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Mesh Support Overview

From Cisco IOS XE 17.15.1 release, the IW9167IH AP supports bridge or flex+bridge modes, extending the wireless network through mesh backhaul that supports both 2.4 GHz and 5 GHz frequencies.



Note Disable the 6 GHz radio before configuring the IW9167IH APs in bridge or flex+bridge mode.
Enable the 6 GHz radio only when the IW9167IH APs are not in bridge or flex+bridge mode.

This feature helps transition quickly between bridge or flex+bridge modes. When you run the `#ap name IW9167IAP mode bridge` command, the AP automatically reboots and transitions to either bridge or flex+bridge mode.



Note When issuing the `#ap name IW9167IAP mode bridge` command while the AP is in local mode, the AP automatically reboots and switches to bridge mode. Similarly, when issuing the `#ap name IW9167IAP mode bridge` command while the AP is in flex mode, the AP automatically reboots and switches to flex + bridge mode.

In bridge mode, APs wirelessly form either a point-to-point or point-to-multipoint bridge. This setup allows APs in bridge mode to connect to different locations. Moreover, several APs can form a mesh network, which can be either indoor or outdoor.

The flex+bridge mode enables FlexConnect capabilities on mesh (bridge mode) APs.

For information on configuring mesh on Catalyst 9800 Wireless Controllers, see the [Configure Mesh on Catalyst 9800 Wireless LAN Controllers](#).

Configure Bridge Mode

To configure the bridge mode, use the following procedure on the wireless controller.

Procedure

Step 1 To change AP to bridge mode.

```
Controller#ap name IW9167IAP mode bridge
```

Step 2 (Optional) To return or reset the AP from bridge mode back to local or flexconnect mode.

```
Controller#ap name IW9167IAP mode clear
```

Verify Bridge Mode

To view the AP mode and model details, use the **show ap name <AP_Name> config general** command on the wireless controller.

```
Controller#show ap name IW9167IAP config general
  AP Mode           : Bridge
  AP Model          : IW9167IH-B
```