



Wireless monitoring

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Feature history for wireless monitoring

This table describes the developments of this feature, by release.

Table 1: Feature history

Feature Name	Release Information	Description
Wireless monitoring in Cisco SD-WAN Manager	Cisco IOS XE Catalyst SD-WAN Release 26.1.1 Cisco Catalyst SD-WAN Manager Release 26.1.1	Wireless monitoring in Cisco SD-WAN Manager provides real-time visibility into the status and operating mode of the Wi-Fi module installed in Cisco Catalyst IR1800 Rugged Series Routers. This feature enables you to monitor the health, operational mode, and firmware version of the Wi-Fi module.

Wireless monitoring in SD-WAN Manager

The wireless monitoring feature is a capability in Cisco SD-WAN Manager that

- provides real-time status of the Wi-Fi modules and firmware on Cisco Catalyst IR1800 Rugged Series routers, and
- displays the current operating mode of the Wi-Fi module.

Wireless monitoring in the Cisco SD-WAN Manager displays operational data directly from the IR1800 router, allowing users to view which operating mode (such as WGB mode or CAPWAP mode) the Wi-Fi module is using.

The wireless monitoring feature currently supports only SD-WAN controller mode, and autonomous mode.

Restrictions for wireless monitoring in SD-WAN Manager

Adhere to these restrictions when monitoring wireless status on IR1800 routers to avoid misinterpreting hardware states in Cisco SD-WAN Manager.

- If no Wi-Fi module is present in the IR1800 router, SD-WAN Manager may still display the operating mode as EWC, which does not reflect the actual hardware state.
- While the Wi-Fi module is reloading or booting, the wireless status may not update correctly and can show an incorrect operating mode.

Monitor wireless status in Cisco SD-WAN Manager

View the real-time status and operating mode of the Wi-Fi module installed in an IR1800 router using Cisco SD-WAN Manager.

Use this task to quickly check the operational mode (such as WGB mode or CAPWAP mode) and firmware status of Wi-Fi modules managed through the Cisco SD-WAN Manager interface.

- Ensure the IR1800 router is managed by Cisco SD-WAN Manager and is operating in controller mode.
- Confirm that a Wi-Fi module is installed in the IR1800 router.

Follow these steps to monitor the wireless status:

Procedure

- Step 1** From the **Cisco SD-WAN Manager** menu, choose **Monitor > Devices**.
- Step 2** Choose a IR1800 device by clicking its name in the **Hostname**.
- Step 3** Click **Real Time** in the left pane.
- Step 4** From the **Device Options** drop-down list in the right pane, choose **Wireless Status** to view the current operating mode and firmware information of the Wi-Fi module.
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The wireless status page displays the real-time operating mode and firmware version of the Wi-Fi module for the selected IR1800 router.

What to do next

If the displayed status seems inaccurate (for example, EWC is shown when no module is present), verify the physical installation and operational state of the Wi-Fi module on the device.