



# IW Monitor Management

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## IW MONITOR management

IW MONITOR is a standalone on-premise monitoring application that enables comprehensive network visibility and management.

- Dashboard monitoring and topology visualization
- Real-time performance monitoring and telemetry data processing
- Network events logging for authentication and configuration changes

### **IW MONITOR capabilities and features**

The on-premises IW MONITOR supports these primary capabilities:

- Dashboard to MONITOR network status
- Topology view of the network
- Real time and history charts for wireless Key Performance Indicators (KPIs)
- Real time performance monitoring
- Process the telemetry data sent by IW devices
- Network events logging

UIW Release 17.12.1 provides this support for IW MONITOR dashboard:

- Attach and detach functions.
- Telemetry protocol support.
- CLI and GUI management.

The following table outlines the IW MONITOR features supported from UIW release 17.12.1 onwards.

Table 1: IW MONITOR features support

| Feature                             | Description                                                                        |
|-------------------------------------|------------------------------------------------------------------------------------|
| IW MONITOR log for RADIUS           | RADIUS authentication attempts by mobile units are logged to IW MONITOR            |
| IW MONITOR log CLI SSH access       | SSH connections attempts are logged to IW MONITOR                                  |
| IW MONITOR log GUI access           | GUI logins are logged to IW MONITOR                                                |
| IW MONITOR log ethernet link change | Physical link changes of LAN ports are buffered and logged to IW MONITOR           |
| IW MONITOR log configuration change | Changes applied to the unit configuration through CLI or GUI are logged to MONITOR |

## Configure IW MONITOR management using CLI

Configure IW MONITOR management to enable network monitoring capabilities including dashboard monitoring, topology view, real-time performance monitoring, telemetry data processing, and network events logging.

IW MONITOR does not require any configuration, and access points are added to the IW MONITOR. Use the CLI to detach the device from the IW MONITOR server and troubleshoot the connection.

### Procedure

**Step 1** Use the **configure monitor detach** command to detach the device from the IW MONITOR server.

**Example:**

```
Device# configure monitor detach
```

**Step 2** Use the **show monitor** command to verify the IW MONITOR management status.

**Example:**

```
Device# show monitor
IW MONITOR: enabled
Status: Connected
```

## Configure IW MONITOR management using GUI

Enables IW MONITOR management to provide network monitoring capabilities.

The UIW Release 17.12.1 introduces support for IW MONITOR, a standalone on-premise monitoring application supporting network monitoring features.

## Procedure

**Step 1** Enable the **IW MONITOR** option in the **Cisco URWB IW9165E or IW9167E Configurator** window.

The screenshot displays the Cisco URWB IW9165E Configurator interface. The top header shows the Cisco logo and the text "Cisco URWB IW9165E Configurator" and "5.81.160.244 - MESH END MODE". On the left sidebar, the "IW Service" status is "Offline" and the "IW Monitor" status is "Disabled". The main content area is titled "GENERAL MODE" and contains the following sections:

- General Mode**: A sub-header for the current configuration page.
- Mode**: A section with a note: "Select MESH POINT mode if you are attaching an IP edge device (i.e. network camera, encoder, etc.) to this Cisco IOT IW9165E Series Access Point or if you are using this unit as a relay point in the mesh network." Below this, there are three radio buttons: "mesh point" (selected), "mesh end", and "gateway".
- Radio-off**: A checkbox that is currently unchecked.
- LAN Parameters**: A section containing five input fields:
  - Local IP: 10.115.11.180
  - Local Netmask: 255.255.255.0
  - Default Gateway: 10.115.11.1
  - Local Dns 1: 8.8.8.8
  - Local Dns 2: (empty field)
- Buttons**: "Reset" and "Save" buttons at the bottom of the LAN Parameters section.

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**Step 2** Verify that the **IW-MONITOR connection info** appears.

## Configure IW MONITOR management using GUI

  
ULTRA RELIABLE  
WIRELESS BACKHAUL

Cisco URWB IW9165E Configurator  
5.81.160.244 - MESH END MODE

IW Service  
Offline

IW Monitor  
Disabled

GENERAL SETTINGS

- general mode
- wireless radio
- antenna alignment and stats

NETWORK CONTROL

- advanced tools

ADVANCED SETTINGS

- advanced radio settings
- static routes
- allowlist / blocklist
- multicast
- snmp
- radius
- ntp
- ethernet filter
- l2tp configuration
- vlan settings
- Fluidity
- misc settings
- smart license

MANAGEMENT SETTINGS

- remote access
- firmware upgrade
- status
- configuration settings
- reset factory default
- reboot
- logout

IW-MONITOR

IW-MONITOR connection info

Server Host: 10.115.11.53

Status: Connected

Detach

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