



# Release Notes for Cisco Ultra-Reliable Wireless Backhaul Catalyst IW9167E Heavy Duty Access Point, 17.11.1

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## Introduction to Cisco URWB Catalyst IW9167E Heavy Duty Access Point

The Cisco Catalyst IW9167E Heavy Duty Access Point provides reliable wireless connectivity for mission-critical applications in a state-of-the-art platform to deliver a network that is more reliable and secure, with higher throughput, more capacity, and less device interference. IW9167E is Cisco's first outdoor Wi-Fi 6E ready access point supporting tri-radio and triband (2.4/5/6 GHz bands). The Cisco URWB software on IW9167E designed to remove open source CLI and support the Cheetah OS based Cisco style parser. IW9167E can operate as Cisco Catalyst Wi-Fi (CAPWAP) mode or Cisco Ultra-Reliable Wireless Backhaul (Cisco URWB) mode. This Release Notes covers the Cisco URWB mode specific to the IW9167EH access point.

The Cisco Catalyst IW9167E Heavy Duty Access Point supports following functionalities.

- Supporting tri-radio and tri-band (2.4/5/6 GHz bands) with WiFi-6E.
- The Catalyst IW9167E is designed to take advantage of the 6 GHz band expansion.
- Cisco Catalyst IW9167E Access Point supports two wireless technologies on a single hardware platform (Cisco Catalyst Wi-Fi or Cisco URWB).
- IW9167E supports dual image with same Cheetah OS (Cisco URWB and CAPWAP Stack) for different feature sets and data plane logic.
- Supports 802.11ax High Efficiency (HE).
- Supports 802.11ax guard interval 1600ns and 3200ns.
- IW9167E supports enabling indoor deployment for -E domain.
- Supports software license management solution that provides a seamless experience with the various aspects of licensing.
- The Cisco URWB Catalyst IW9167E Heavy Duty Access Point provides feature parity with FM3500 and FM4500 9.3 firmware release.

## Software Matrix

The following table provides software matrix information.

Cisco URWB Industrial Wireless Software Release	Access Point Image Version Number	Supported Access Point
Cisco URWB 17.11.1	17.11.0.155	Cisco Catalyst IW9167E Heavy Duty Access Point

## Supported Software and Hardware

The Cisco Ultra-Reliable Wireless Backhaul Catalyst IW9167E Heavy Duty Access Point supports following software and hardware images.

- Supported software image Cisco URWB: ap1g6j-k9c1.
- Supported hardware: IW9167EH-x.

## Behavior Changes

There are no behavior changes for Cisco Ultra-Reliable Wireless Backhaul Catalyst IW9167E Heavy Duty Access Point as 17.11 will be the first release for Cisco URWB stack.

## Caveats

Caveats describe unexpected behavior in Cisco releases in a product. Caveats that are listed as Open in a prior release are carried forward to the next release as either Open or Resolved.

## Cisco Bug Search Tool

The Cisco [Bug Search Tool](#) allows partners and customers to search for software bugs based on product, release, and keyword, and aggregates key data such as bug details, product, and version. The BST is designed to improve the effectiveness in network risk management and device troubleshooting. The tool has a provision to filter bugs based on credentials to provide external and internal bug views for the search input. To view the details of a caveat, click the corresponding identifier.

## Open Caveats for Cisco URWB Catalyst IW9167E

Caveat ID	Description
CSCwe73533	IW9167EH URWB Smart License: wrong RUM report notifications to user when transport mode is off
CSCwd23300	IW9167EH URWB: FM-quadro Topology View does not show the correct Guard Interval for wireless links
CSCwe46929	IW9167EH URWB CLI command "configure dot11radio 1 live antenna" does not work

Caveat ID	Description
CSCwe33470	IW9167EH URWB CLI command: configuring wireless interface in Fluidmax mode doesn't update Fluidity state correctly
CSCwe50338	IW9167EH URWB: unoptimal handling of wireless key rotation config mismatch in fixed infra modes
CSCwe84566	IW9167EH URWB Smart License: rum report above_seats mechanism does not work when device is rebooted
CSCwe84383	IW9167EH URWB Smart License: rum report is not properly synced between primary and secondary ME/GGW

## Resolved Caveats for Cisco URWB Catalyst IW9167E

There is no Resolved Caveats for Cisco Ultra-Reliable Wireless Backhaul Catalyst IW9167E Heavy Duty Access Point as 17.11 will be the first release for Cisco Ultra-Reliable Wireless Backhaul stack.

## Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, refer to <https://www.cisco.com/c/en/us/support/index.html>

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