Release Notes for Cisco Ultra Reliable Wireless Backhaul on Catalyst IW Access Points, Release 17.18.x

Contents

Cisco Ultra Reliable Wireless Backhaul on Catalyst IW Access Points, Release 17.18.x

This document provides information about the Ultra-Reliable Wireless Backhaul (URWB) mode of operation for the Cisco Catalyst IW9167E Heavy Duty Access Point, Cisco Catalyst IW9165D Heavy Duty Access Point, and Cisco Catalyst IW9165E Rugged Access Point and Wireless Client. UWRB is supported as part of the Unified Industrial Wireless (UIW) software.

This document describes the new features, limitations, troubleshooting, besides providing recommended configurations, caveats, and information on how to obtain support and documentation.

Product References

For more information on products supporting this release, see the documentation landing pages of:

- Catalyst IW9167 Heavy Duty Access Point
- Catalyst IW9165E Rugged Access Point
- Catalyst IW9165D Heavy Duty Access Point

This Release Note primarily provides information about the URWB mode of operation. For details about Workgroup Bridge (WGB), check the Workgroup Bridge (WGB), check the Release Notes for Cisco Catalyst 9800 Series Wireless Controller.

New hardware features

There are no new hardware features.

New software features

Table 1. New software features in 17.18.x

Product Impact	Feature	Description
Upgrade	UNII-3 band with DFS support for Great Britain Country Code	From this release, the Cisco Catalyst IW9167E and IW9165D Access Points (APs) include support for the UNII-3 band with Dynamic Frequency Selection (DFS) for Great Britain. This capability enables the APs to function in the 5.8 GHz frequency band in Ultra-Reliable Wireless Backhaul (URWB) mode for the country code GB (Great Britain). This enhancement improves wireless connectivity in radar-sensitive environments by utilizing the UNII-3 band and DFS support. To activate this frequency band, the APs must be in the -ROW domain. In country code GB, the 5.8 GHz frequencies support channel bandwidths of 20 MHz. For more information, see the chapter Configure and validate radio channel and bandwidth.
Upgrade	5855-5935 MHz Frequency Support	From this release, the Cisco Catalyst IW9167E, IW9165D, and IW9165E APs support the Intelligent Transport Systems (ITS) frequency band within the European regulatory domain (-E PID). For more information, see the chapter Configure and validate radio channel and bandwidth.
Upgrade	Additional Country Codes Support	This release introduces support for these countries in the -ROW domain. **Cisco Catalyst IW9167E AP**: Trinidad (TI) **Cisco Catalyst IW9165E AP**: Cameroon (CM), Ghana (GH), and Kuwait (KW). For more information, see the chapter Fixed Domains and Country Codes

Product Impact	Feature	Description
		(ROW).

Changes in behavior

There are no behavior changes in 17.18.1 release.

Resolved issues

The resolved caveats for this release can be accessed through this **link** from BST.

Open issues

The open caveats for this release can be accessed through this **link** from BST.

Software Compatibility Matrix

This table provides the filename for the UIW release 17.18.x software image for Cisco Ultra Reliable Wireless Backhaul on Catalyst IW Access Points.

Table 2. Software compatibility

UIW Software Release	Access Point Image Version Number	Supported Access Points
17.18.x	17.18.1.8	• Catalyst IW9167E Heavy Duty Access Point • Catalyst IW9165E Rugged Access Point • Catalyst IW9165D Heavy Duty Access Point

Supported Software and Hardware

This table lists the compatible software and hardware for the Catalyst IW9167E and IW9165 Access Points:

This table provides the filename for the UIW release 17.18.x software image for Cisco Ultra Reliable Wireless Backhaul on Catalyst IW Access Points.

Table 3. Supported software and hardware

Access Point model	Unified Industrial Wireless image	Supported PID
Catalyst IW9165	ap1g6m-k9c1	• IW9165E-x • IW9165DH-x
Catalyst IW9167E	ap1g6j-k9c1	• IW9167EH-x

Related documentation, tools, and matrices

Table 4. Additional content for Cisco Ultra Reliable Wireless Backhaul on Catalyst IW Access Points, Release 17.18.1

Document	Description
Cisco IOS XE	Provides information about Cisco IOS XE
Cisco Validated Design documents	Provides products related information
URWB Telemetry Protocol 2.0.19	Provides products related information
Release Notes for Cisco Catalyst 9800 Series Wireless Controller, Cisco IOS XE 17.18.x	Controller Release Notes
Cisco Catalyst IW9167 Heavy Duty Series Data Sheet	Data Sheet
Cisco Catalyst IW9165 Series Data Sheet	Data Sheet
Cisco Catalyst IW9167E Heavy Duty Access Point Hardware Installation Guide	Hardware Installation Guide
Cisco Catalyst IW9165D Heavy Duty Access Point Hardware Installation Guide	Hardware Installation Guide
Cisco Catalyst IW9165E Rugged Access Point and Wireless Client Hardware Installation Guide	Hardware Installation Guide
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.
Support & Downloads	Obtaining Documentation and Submitting a Service Request

Legal information