Release Notes for Cisco IEC-6400 Edge Compute Appliance, Release 1.0.0

First Published: 2023-11-28

Introduction to Cisco URWB IEC-6400 Edge Compute Appliance

The IEC-6400 Edge Compute Appliance uses the Cisco Ultra-Reliable Wireless Backhaul (URWB) technology with Cisco's UCS C220 M6 Rack Server. Cisco URWB is a wireless technology that enables you to connect moving assets or extend your network where running fiber is not feasible or affordable. The IEC-6400 Edge Compute Appliance acts as gateway in a URWB network. One of the most important functionalities of the IEC-6400 gateway is to handle aggregate throughput up to 40 Gbps.

Cisco URWB network can be designed for Layer 2 use cases (such as when connecting automated guided vehicles (AGVs) or autonomous mobile robots (AMRs) on a factory floor) as well as Layer 3 use cases (such as for train-to-trackside communications in subways or railways), allowing the network to scale in size without compromising reliability and availability. The IEC-6400 gateway is a perfect fit in both Layer 2 and Layer 3 architectures, whenever a dedicated gateway is required to support advanced mesh end capabilities.

What's New in Ultra-Reliable Wireless Backhaul on IEC-6400 Gateway

This is first release of IEC-6400 gateway.

Software Matrix

The following table provides software matrix information:

IEC-6400 Wireless Backhaul Software Release	Gateway Image Version Number	Supported Gateway
1.0.0	IEC6400-1.0.0.8	IEC-6400 Gateway

Supported Software and Hardware

The Ultra-Reliable Wireless Backhaul for IEC-6400 gateway supports following software and hardware:

Gateway Model	IEC-6400 Wireless Backhaul Software	Supported Hardware
IEC-6400 Gateway	IEC6400-1.0.0.8	IEC-6400-URWB

Caveats

Caveats describe unexpected behaviour in Cisco releases in a product. Caveats that are listed as Open in a prior release is 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

To know more information about the open caveats, see Cisco Bug Search Tool for Open Caveats.

You can view the list of open caveats using the filter options in the tool.

Resolved Caveats

There are no resolved caveats for this release.

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