Release Notes for Cisco IEC6400 Edge Compute Appliance, Release 1.2.0

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This document provides information about the Ultra-Reliable Wireless Backhaul (URWB) mode of operation for the Cisco IEC6400 Edge Compute Appliance. IEC6400 acts as the gateway in a URWB network, and it uses the URWB technology with Cisco UCS C220 M6 Rack Server.

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

New software features

This section provides a brief description of the new software features introduced in this release.

Table 1. New software features for Cisco IEC6400 Edge Compute Appliance, Release 1.2.0

Product Impact	Feature	Description
Ease of Use	Major OS and Kernel Upgrade	This release incorporates a significant upgrade to the underlying operating system and kernel. This enhancement improves system stability and performance.
Ease of Use	Secure Storage Encryption	This feature provides improved security through the Cisco TAM library.

New hardware features

There are no new hardware features in this release.

Change in behavior

There are no behavior changes in this release.

Secure storage encryption

This release introduces Secure Storage encryption, which provides improved security through the Cisco TAM library.

Important Upgrade Requirement

- Before upgrading to version 1.2.0 from an older version, a special image must be installed to initialize the secure storage on the device.
- Upgrading to 1.2.0 without first installing this special image will cause the upgrade to fail.

Obtaining the Special Image

To obtain the image, contact Cisco TAC and provide the following information for each device:

- IEC6400 serial number
- IEC6400 Mesh ID

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Note: While the secure storage programming data is unique to each IEC6400 unit, information for multiple devices can be combined into a single TAM image for convenience.

Key Considerations

- This special image installation is a one-time process for the device's lifetime. It is only required again if a factory data wipe is performed after downgrading to a pre-1.2.0 version.
- Downgrading to software versions older than 1.2.0 is not recommended.

Upgrade Process Flow

Step 1. Get TAM upgrade image and install it on the IEC6400

1. Identify the IEC6400 units
2. Contact the Cisco TAC with the device info to obtain the TAM upgrade image.
3. Upload this image to the IEC6400 unit by performing a regular image upgrade. You can use methods such as TFTP or USB.

Step 2. Install IEC6400 software 1.2.0

1. Once the TAM upgrade image is installed, proceed with the standard installation of IEC6400 software version 1.2.0.

Note: For more information on upgrade, see Upgrade Firmware for Cisco IEC6400 Edge Compute Appliance document.

Software matrix

This section lists the compatible software and hardware for the IEC6400 gateway.

Table 2. Compatible software and hardware for the IEC6400 gateway, Release 1.2.0

Release	Gateway Image Version Number	Supported Gateway	Supported Hardware
1.2.0	IEC6400-1.2.0.5	IEC6400	IEC6400 - URWB

Resolved issues

To know more information about the resolved caveats, see Cisco Bug Search Tool.

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

Open issues

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

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

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Related resources

Table 3. Additional content for Cisco IEC6400 Edge Compute Appliance, Release 1.2.0

Document	Description
Cisco IEC6400 Edge Compute Appliance Documentation Landing Page	Cisco IEC6400 Edge Compute Appliance documentation landing page.
Cisco IEC6400 Edge Compute Appliance Installation and Configuration Guide	Cisco IEC6400 Edge Compute Appliance configuration guides landing page.
Regulatory Compliance and Safety Information	Regulatory Compliance and Safety Information document link.
Cisco IEC6400 Edge Compute Appliance UCS Firmware Upgrade Guide	UCS Firmware Upgrade Guide link.

Communications, Services, and Additional Information

- To receive timely, relevant information from Cisco, sign up at Cisco Profile Manager.
- To get the business impact you're looking for with the technologies that matter, visit Cisco Services.
- To submit a service request, visit Cisco Support.
- To discover and browse secure, validated enterprise-class apps, products, solutions, and services, visit Cisco DevNet.
- To obtain general networking, training, and certification titles, visit Cisco Press.
- To find warranty information for a specific product or product family, access Cisco Warranty Finder.

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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