Release Notes for Cisco Catalyst Cellular Gateways, Cisco IOS CG 17.14.x

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About Cisco Catalyst Cellular Gateways

Cisco Catalyst Cellular Gateways combine the latest in cellular technology with deployment flexibility and ease of management. Cisco Catalyst Cellular Gateways connect your users and devices to trusted cloud and enterprise applications using 5G and 4G LTE Advanced Pro technologies. These gateways enable secure, scalable cellular deployments from any location using your existing infrastructure for primary or failover connectivity.

The Cisco Catalyst Cellular Gateways is deployed on the new lightweight Cisco IOS CG software. This software is customizable making it more flexible for any complex performance or functionality improvements. It offers a modular system where each module is independent and complete.

Note As of Cisco IOS CG 17.6.x release, Cisco Catalyst Cellular Gateways have transitioned from Cisco IOS XE software to Cisco IOS CG software. The last version of Cisco IOS XE software that can be used with Cisco Catalyst Cellular Gateways is Cisco IOS XE 17.5.x.

Product Field Notice

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Cisco Catalyst Cellular Gateways Platforms

The Cisco Catalyst Cellular Gateways Platforms includes the following models:

- CG418-E (CAT18 LTE Advanced Pro)
- CG522-E (5G Sub-6 GHz)

Note From Cisco IOS CG 17.9.2a release, IPv6 is supported on the Cisco Catalyst Cellular Gateways. Prior to deploying this release, ensure that it is supported on your service provider's network.

For all prior Cisco IOS CG releases, before you deploy Cisco Catalyst Cellular Gateways, it is mandatory to check if there is a requirement to support IPv6 addresses in the customer network and the service provider network.

If you need IPv6 support on the device prior to the Cisco IOS CG release 17.9.2a, the recommended software versions are the following:

- CG418-E: Cisco IOS XE 17.3.x to Cisco IOS XE 17.5.x
- CG522-E: Cisco IOS XE 17.4.x to Cisco IOS XE 17.5.x.

If you require use of vManage, any specific vManage version supports up to three prior releases of Cisco IOS XE or Cisco IOS CG. Therefore, any given version of Cisco IOS XE or Cisco IOS CG will be supported by up to 3 following versions of vManage. For example, Cisco IOS XE 17.5.x is supported by vManage version 20.5.x, as well as by vManage versions 20.6.x, 20.7.x, and 20.8.x.

Note Cisco Catalyst Cellular Gateways support Local WebUI in the Cisco IOS CG 17.10.1a release.

New and Changed Software Features

Table 1: New Software Features in Cisco Catalyst Cellular Gateways

Feature	Description
Reverse Console Support for Cisco Catalyst Cellular Gateways	The Reverse Console feature provides a secure out-of-band connectivity solution for managing client devices that are located remotely. From Cisco IOS XE 17.14.1a, you can connect to host devices from external networks using the SSH client utility. The Reverse Console functionality is supported in NAT and Passthrough modes. With Reverse Console, you can maintain, monitor, and troubleshoot network devices from any location, ensuring uninterrupted connectivity across your network infrastructure.

Resolved Bugs in Cisco IOS CG 17.14.1a

Table 2: Resolved Bugs in Cisco IOS CG 17.14.1a

Bug ID	Description
CSCwi47322	Syslog logging is not recorded on the remote server.

Open Bugs in Cisco IOS CG 17.14.1a

Table 3: Open bugs in Cisco IOS CG 17.14.1a

Bug ID	Description
CSCwj37051	CLI template fails to attach to device with the error access-denied.
CSCwi91830	Cellular Monitoring: LTE band value is wrong in **show cellular 1 radio** output.
CSCwh30210	1.3.6.1.2.1.31.1.1 - if XTable - walk/bulkwalk is getting timed out with the latest image.

Related Information

- Hardware Installation Guide
- Software Configuration Guide

Communications, Services, and Additional Information

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- To submit a service request, visit Cisco Support.
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- 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.

Cisco Bug Search Tool

Cisco Bug Search Tool (BST) is a web-based tool that acts as a gateway to the Cisco bug tracking system that maintains a comprehensive list of defects and vulnerabilities in Cisco products and software. BST provides you with detailed defect information about your products and software.

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Go to **Products by Category** and choose your product from the list, or enter the name of your product. Look under **Troubleshoot and Alerts** to find information for the issue that you are experiencing.

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