



Release Notes for Cisco Catalyst Cellular Gateways, Cisco IOS CG 17.11.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
Support for QoS	This feature helps you to view QoS functionality on 5G Cellular Gateway devices using the show cellular 1 qos command.
Support for TACACS authentication	This feature introduces support for a security application that provides centralized validation of users attempting to gain access to a router or network access server.
System Logging for Cisco Catalyst Cellular Gateways	The source-interface interface-name command is deprecated from logging system messages on a remote server.

Resolved Bugs in Cisco IOS CG 17.11.1a

Table 2: Resolved bugs in Cisco IOS CG 17.11.1a

Bug ID	Description
CSCwe18981	CG418-E: Serial number is incorrectly displayed under show license udi command.
CSCwd88150	CG522 device lost certificate after each reload.

Bug ID	Description
CSCwd80784	Cellular APN authentication password displays plain text on CLI show run .
CSCwd61525	IPv6: show gw-system:interface detail cellular shows IPv6 address when pdn-type is IPv4.
CSCwd71580	IPv6: TFTP file download is not working using IPv6 address.

Open Bugs in Cisco IOS CG 17.11.1a

Table 3: Open Bugs in Cisco IOS CG 17.11.1a

Bug ID	Description
CSCwe19028	OEM PRI upgrade does not work on CG522-E.

Related Information

- [Hardware Installation Guide](#)
- [Software Configuration Guide](#)

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