Release Notes for Cisco Catalyst Cellular Gateways, Cisco IOS CG Release 17.12.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 Federal Information Processing Standard on Cisco Catalyst Cellular Gateways	Federal Information Processing Standard (FIPS) is a security standard that is enabled to process information by the U.S. government and other regulated industries (such as financial and healthcare institutions) that collect, store, transfer, share and disseminate sensitive but unclassified (SBU) information.

Resolved Bugs in Cisco IOS XE 17.12.8

Identifier	Headline
CSCwu02602	DBAL EVENTS crash seen while trying to push config group to device in SDWAN and SD-Routing.
CSCws75769	Netconf process doesn't start on 9130 AP in EWC mode and generates repeated dmiauthd subscription failures for invalid route-map YANG path.
CSCws80808	Loopback interface in Mgmt-intf VRF becomes unreachable via Management interface.
CSCwt87294	mDNS Cache-Flush behavior not consistent.

Open Bugs for Cisco IOS XE 17.12.8

There are no customer impacting bugs that were identified in this release.

Resolved Bugs in Cisco IOS CG 17.12.7b

Table 2: Resolved Bugs in Cisco IOS CG 17.12.7b

Identifier	Headline
CSCwq49981	Call Failures due to FPI resource leaks in 17.12.6

Open Bugs in Cisco IOS CG 17.12.7b

There are no customer impacting bugs that were identified in this release.

Resolved Bugs in Cisco IOS CG 17.12.6

Table 3: Resolved Bugs in Cisco IOS XE 17.12.6

Bug ID	Description
CSCwq31287	Cisco IOS and IOS XE software SNMP denial of service and remote code execution vulnerability.

Open Bugs in Cisco IOS CG 17.12.6

There are no customer impacting bugs that were identified in this release.

Resolved Bugs in Cisco IOS CG 17.12.5d

There are no customer impacting bugs that were fixed in this release.

Open Bugs in Cisco IOS CG 17.12.5d

There are no customer impacting bugs that were identified in this release.

Resolved Bugs in Cisco IOS CG 17.12.5c

There are no customer impacting bugs that were fixed in this release.

Open Bugs in Cisco IOS CG 17.12.5c

There are no customer impacting bugs that were identified in this release.

Resolved Bugs in Cisco IOS CG 17.12.5a

Table 4: Resolved Bugs in Cisco IOS CG 17.12.5a

Bug ID	Description
CSCwk59820	NTP clock is not synchronized.

Open Bugs in Cisco IOS CG 17.12.5a

Bug ID	Description
CSCwk87338	SNMPv3 user credentials to be stored as part of running-configuration with encryption.

Resolved Bugs in Cisco IOS CG 17.12.4

Table 5: Resolved Bugs in Cisco IOS CG 17.12.4

Bug ID	Description
CSCwf52751	CLI template fails to attach to CG418-E with error "access-denied".

Open Bugs in Cisco IOS CG 17.12.4

Table 6: Open Bugs in Cisco IOS CG 17.12.4

Bug ID	Description
CSCwk59820	NTP clock is not synchronized.
CSCwi90860	SEC-LOG-NOSENS: "show logging" does not display logs after "gw-action:request reset logs".
CSCwi58181	System Monitoring: CPU utilization discrepancy.

Resolved Bugs in Cisco IOS CG 17.12.3

There are no resolved bugs for this release.

Open Bugs in Cisco IOS CG 17.12.3

There are no open bugs for this release.

Resolved Bugs in Cisco IOS CG 17.12.2

There are no resolved bugs for this release.

Open Bugs in Cisco IOS CG 17.12.2

There are no open bugs for this release.

Resolved Bugs in Cisco IOS CG 17.12.1a

There are no resolved bugs for this release.

Open Bugs in Cisco IOS CG 17.12.1a

Table 7: Open Bugs in Cisco IOS CG 17.12.1a

Bug ID	Description
CSCwf52751	CLI template fails to attach to CG418-E with error access-denied.

Related Information

- Hardware Installation Guide
- Software Configuration Guide

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