Release Notes for Cisco Catalyst Cellular Gateways, Cisco IOS CG 17.9.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 Cisco Catalyst Cellular Gateways now support IPv6 in the Cisco IOS CG 17.9.2a release. 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 do not support Local WebUI in the Cisco IOS CG 17.9.x release. Support for Local WebUI will be planned in a future release of Cisco IOS CG.

If you need Local WebUI support on the device, 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 given vManage version will support up to 3 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.

Resolved Bugs in Cisco IOS XE 17.9.8

Table 1: Resolved Bugs in Cisco IOS XE 17.9.8

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

Open Bugs in Cisco IOS XE 17.9.8

This release contains only PSIRT updates. No new bugs were identified.

Resolved Bugs in Cisco IOS CG 17.9.7b

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

Open Bugs in Cisco IOS CG 17.9.7b

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

Resolved Bugs in Cisco IOS CG 17.9.7a

Bug ID	Description
CSCwd47592	EPROTO errors with SWI modem - not recovering.
CSCwk65071	Unexpected reboot due to IOSXE-WATCHDOG DBAL EVENTS after cellular interface flap.

Open Bugs in Cisco IOS CG 17.9.7a

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

Resolved Bugs in Cisco IOS CG 17.9.6

Bug ID	Description
CSCwk24904	CG522 - Data connection fails after a SIM switchover.
CSCwi27963	Cellular commands not working, cwand is idle.
CSCwj37051	vManage CLI template fails to attach to CG418-E/CG522-E with error access-denied.
CSCwk59820	NTP clock is not synchronized.
CSCwh67646	vDaemon is not coming up after reboot.

Open Bugs in Cisco IOS CG 17.9.6

There are no open bugs for this release.

Resolved Bugs in Cisco IOS CG 17.9.5a

Table 2: Resolved bugs in Cisco IOS CG 17.9.5a

Bug ID	Description
CSCwh19988	CG Platforms Require AP806 WDT to allow reboot
CSCwb55920	cwand/turing/vdeamon crash while trying to rotate log files.

Open Bugs in Cisco IOS CG 17.9.5a

Table 3: Open bugs in Cisco IOS CG 17.9.5a

Bug ID	Description
CSCwc27827	Tunnel services cannot be changed of Cellular Gateways from vManage.

Resolved Bugs in Cisco IOS CG 17.9.4

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

Open Bugs in Cisco IOS CG 17.9.4

Table 4: Open bugs in Cisco IOS CG 17.9.4

Bug ID	Description
CSCwc27827	Tunnel services cannot be changed of Cisco Catalyst Cellular Gateways.

Resolved Bugs in Cisco IOS CG 17.9.3a

Bug ID	Description
CSCwe18981	CG418-E: Serial Number is incorrectly displayed under **show license udi** command.

Open Bugs in Cisco IOS CG 17.9.3a

Bug ID	Description
CSCwc27827	Tunnel services cannot be changed of Cellular Gateways.

Resolved Bugs in Cisco IOS CG 17.9.2a

Bug ID	Description
CSCwd24275	IP reassembler element strips last 20 bytes of last fragment.
CSCwd38271	Active SIM is 1 when there is no SIM in Cellular Gateway.

Open Bugs in Cisco IOS CG 17.9.2a

Bug ID	Description
CSCwc27827	Tunnel services cannot be changed of Cellular Gateways.

Resolved Bugs in Cisco IOS CG 17.9.1

Bug ID	Description
CSCwc11223	Resetting the CG522-E through the reset button, not successful after the upgrade.
CSCwb47243	CG522-E stops forwarding IPSec traffic.
CSCwb57386	CG522-E constant TxDrops seen on the Cellular interface.
CSCwa50165	CG418-E|CG522-E cellular gateways mtu issues with fragmented packets.

Open Bugs in Cisco IOS CG 17.9.1

Bug ID	Description
CSCwc27827	Tunnel services cannot be changed of Cellular Gateways.
CSCwc56707	CG522-E status on gateway and device is not synchronized.
CSCwd38271	Active SIM is 1 when there is no SIM in Cellular Gateway.

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