Release Notes for Cisco Catalyst Cellular Gateways, Cisco IOS CG 17.6.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 Cisco Catalyst Cellular Gateways have transitioned from Cisco IOS XE software to Cisco IOS CG software beginning with Cisco IOS CG 17.6.x release.

Cisco IOS XE 17.5.x is the last version of Cisco IOS XE software that can be used with Cisco Catalyst Cellular Gateways. All subsequent releases for Cisco Catalyst Cellular Gateways will be based on the Cisco IOS CG software.

Product Field Notice

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Cisco Catalyst Cellular Gateway Platforms

The Cisco Catalyst Cellular Gateways platform includes the following models:

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

Note Cisco Catalyst Cellular Gateways do not support IPv6 addresses in the Cisco IOS CG 17.6.x release. Support for IPv6 addresses will be planned in a future release of Cisco IOS CG.

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, 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.

Note Cisco Catalyst Cellular Gateways do not support Local WebUI in the Cisco IOS CG 17.6.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 CG 17.6.7

Bug ID	Description
CSCwh19988	Device requires AP806 WDT to allow reboot.
CSCwb55920	cwand/tuning/vdeamon crash while trying to rotate log files.

Open Bugs in Cisco IOS CG 17.6.7

There are no open bugs for this release.

Resolved Bugs in Cisco IOS CG 17.6.6

Bug ID	Description
CSCwd88150	CG522-E device lost certificate after each reload.

Bug ID	Description
CSCwf12104	Unable to downgrade the CG device through vManage UI.

Open Bugs in Cisco IOS CG 17.6.6

Bug ID	Description
CSCwb55920	cwand/turing/vdeamon crash while trying to rotate log files.

Resolved Bugs in Cisco IOS CG 17.6.5

Bug ID	Description
CSCwd24275	IPReassembler element strips last 20 bytes of the last fragment.
CSCwc56707	CG522-E status on gateway and device is not synchronized. Device is not showing the cellular stats.
CSCwc83932	NTP synchronization does not work on CG522-E.
CSCwc50538	Template attach fails when profile template is present.

Open Bugs in Cisco IOS CG 17.6.5

Bug ID	Description
CSCwb55920	cwan crash while trying to rotate log files.

Resolved Bugs in Cisco IOS CG 17.6.4

Bug ID	Description
CSCwc11223	Resetting the CG522-E through the reset button, not successful after the upgrade.
CSCwa50165	CG418-E|CG522-E cellular gateway mtu issues with fragmented packets.
CSCwa72688	Template attach fails when using authentication type none for profile.
CSCwb47243	CG522-E stops forwarding IPSec traffic.
CSCwb81569	CG522-E crashes after APN is changed.
CSCwb91830	Possible Radio reset loop when bootup.

Open Bugs in Cisco IOS CG 17.6.4

Bug ID	Description
CSCwb57386	CG522-E constant TxDrops seen on the Cellular interface

Bug ID	Description
CSCwc27827	Tunnel services cannot be changed of Cellular Gateways.
CSCwc56707	CG522-E status on gateway and device is not synchronized.
CSCvy41947	Packets getting reassembled and are forwarded as it is to the Gigabit interface.
CSCwa39336	CG522-E: Cannot transfer files.
CSCwc50538	Template attach fails when profile template is present.
CSCwb55920	cwan crash while trying to rotate log files.

Resolved Bugs in Cisco IOS CG 17.6.3

There are no resolved bugs for this release.

Open Bugs in Cisco IOS CG 17.6.3

Bug ID	Description
CSCwc11223	Resetting the CG522-E through the reset button, not successful after the upgrade.
CSCwc56707	CG522-E status on gateway.
CSCvy41947	Packets getting reassembled and are forwarded as it is to the Gigabit interface.
CSCwa72688	Template attach fails when using authentication type none for profile.
CSCwc27827	Tunnel services cannot be changed of Cellular Gateways.
CSCwa39336	CG522-E: Cannot transfer files.
CSCwb57386	CG522-E constant TxDrops seen on the Cellular interface.
CSCwa50165	CG418-E||CG522-E cellular gateways mtu issues with fragmented packets.
CSCwb47243	CG522-E stops forwarding IPSec traffic.
CSCwb81569	CG522-E crashes after APN is changed.
CSCwb91830	Possible radio reset loop when bootup.
CSCwb55920	cwan crash while trying to rotate log files.

Resolved Bugs in Cisco IOS CG 17.6.2

There are no bugs for this release.

Open Bugs in Cisco IOS CG 17.6.2

Bug ID	Description
CSCwc56707	CG522-E status on gateway is not synchronized.
CSCvy41947	Packets getting reassembled and are forwarded as it is to the Gigabit interface.
CSCwa72688	Template attach fails when using authentication type none for profile.
CSCwc27827	Tunnel services cannot be changed of Cellular Gateways.
CSCwa39336	CG522: Cannot transfer files.
CSCwb57386	CG522-E constant TxDrops seen on the Cellular interface.
CSCwa50165	CG418-E||CG522-E cellular gateway mtu issues with fragmented packets.
CSCwb47243	CG522E stops forwarding IPSec traffic.

Resolved Bugs in Cisco IOS CG 17.6.1a

Bug ID	Description
CSCvx73750	Device 5G light is blue when 4G LTE is in use.
CSCvx19306	cwand crash on show cell 1 antenna.

Open Bugs in Cisco IOS CG 17.6.1a

Bug ID	Description
CSCwc56707	CG522-E status on gateway is not synchronized.
CSCvy41947	Packets getting reassembled and are forwarded as it is to the Gigabit interface.
CSCwa50165	CG418-E||CG522-E cellular gateway mtu issues with fragmented packets.
CSCwc27827	Tunnel services cannot be changed of Cellular Gateways.
CSCwa39336	CG522: Cannot transfer files.
CSCwb57386	CG522-E constant TxDrops seen on the Cellular interface.
CSCwb47243	CG522E stops forwarding IPSec traffic.

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