Release Notes for Cisco Catalyst Cellular Gateways, Cisco IOS CG Release 17.18.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

Cisco publishes Field Notices to notify customers and partners about significant issues in Cisco products that typically require an upgrade, workaround or other user action. For more information, see https://www.cisco.com/c/en/us/support/web/field-notice-overview.html.

We recommend that you review the field notices to determine whether your software or hardware platforms are affected. You can access the field notices from https://www.cisco.com/c/en/us/support/web/tsd-products-field-notice-summary.html#%7Etab-product-categories.

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

New software features for Cisco Catalyst Cellular Gateways, Release 17.18.5

There are no new features in this release.

New software features for Cisco Catalyst Cellular Gateways, Release 17.18.4

There are no new features in this release.

New software features for Cisco Catalyst Cellular Gateways, Release 17.18.3a

There are no new features in this release.

New software features for Cisco Catalyst Cellular Gateways, Release 17.18.2

Product impact	Feature	Description
Ease of Use	Support to upgrade Firmware	From Cisco IOS XE 17.18.1a release, you can now upgrade the firmware image for cellular module, LTE module, or Wi-Fi module of supported devices using Cisco Catalyst SD-WAN Manager, without configuring and managing multiple commands for each device and its associated modules.

Product impact	Feature	Description
Ease of Use	Configure cellular band select for cellular interfaces	You can select specific frequency bands to which the device can connect to, allowing optimized connection depending on location and network availability. This configuration can be done using Feature Parcels in Catalyst Cisco SD-WAN Manager.
Ease of Use	Configure logging of crash dump events for cellular interfaces	You can configure the device to collect the crash dump logs by enabling the boot-and-hold mode on the device using the lte modem crash-action boot-and-hold command.
Ease of Use	Reset cellular profile for cellular interfaces	You can reset the cellular network profile settings on a specific interface to a factory default state using the cellular<slot> lte profile reset command.
Ease of Use	Enable diagnostic monitoring on devices	You can enable diagnostic monitoring log capture for devices with cellular interfaces using Catalyst Cisco SD-WAN Manager.

Resolved bugs in Cisco IOS XE 17.18.5

Identifier	Headline
CSCwq03427	Unexpected reboot due to process DBAL EVENTS after Cellular interface flap

Open Bugs - Cisco IOS XE 17.18.5

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

Resolved Bugs - Cisco IOS XE 17.18.4

All resolved bugs for this release are available in the Cisco Bug Search Tool.

Identifier	Headline
CSCwt76906	C9K: Continuous increase in holding memory for CTS CORE
CSCwt47516	WLC crash due to corrupted length field during AAA processing
CSCwt94106	Pubd core generated for C9300
CSCwu04279	System instability and potential service disruption after invalid GPM load
CSCwu03804	C9000: Randomly during operation - Interface VLAN / SVI go missing from "show run" but remain up. Configs are lost upon reload.
CSCwu21451	C9250/C9350 : Cluster manager crash for stacked devices with specific mac address combination
CSCwt51443	Controller crashed due to CPUHOG under DBAL_EVENTS

Identifier	Headline
CSCwt86654	IOS-XE: IKEv2 process crash caused by stack buffer overflow during AnyConnect EAP credential parsing
CSCwu02602	DBAL EVENTS crash seen while trying to push config group to C8570-G2/C8500-12x4QC in SDWAN and SD-Routing
CSCwn80721	Unexpected Reboot in Process Sessmgrd
CSCwt87294	mDNS Cache-Flush behavior not consistent

Open Bugs - Cisco IOS XE 17.18.4

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

Resolved Bugs in Cisco IOS CG 17.18.3a

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

Open Bugs in Cisco IOS CG 17.18.3a

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

Resolved Bugs in Cisco IOS CG 17.18.2

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

Open Bugs in Cisco IOS CG 17.18.2

Identifier	Headline
CSCwr88680	Cisco Catalyst Cellular Gateways cannot register to SD-WAN Manager.

Resolved Bugs - Cisco IOS XE 17.18

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

Open Bugs - Cisco IOS XE 17.18

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

Related Information

- Hardware Installation Guide
- Software Configuration Guide

Communications, Services, and Additional Information

- To receive timely, relevant information from Cisco, sign up at Cisco Profile Manager.
- To get the business results you're looking for with the technologies that matter, visit Cisco Services.
- To submit a service request, visit Cisco Support.
- To discover and browse secure, validated enterprise-class apps, products, solutions and services, visit Cisco Marketplace.
- 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.

Documentation Feedback

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Troubleshooting

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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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