



Release Notes for Cisco Catalyst Cellular Gateways, Cisco IOS CG 17.10.x

First Published: 2022-12-16

Full Cisco Trademarks with Software License

THE SPECIFICATIONS AND INFORMATION REGARDING THE PRODUCTS IN THIS MANUAL ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL STATEMENTS, INFORMATION, AND RECOMMENDATIONS IN THIS MANUAL ARE BELIEVED TO BE ACCURATE BUT ARE PRESENTED WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. USERS MUST TAKE FULL RESPONSIBILITY FOR THEIR APPLICATION OF ANY PRODUCTS.

THE SOFTWARE LICENSE AND LIMITED WARRANTY FOR THE ACCOMPANYING PRODUCT ARE SET FORTH IN THE INFORMATION PACKET THAT SHIPPED WITH THE PRODUCT AND ARE INCORPORATED HEREIN BY THIS REFERENCE. IF YOU ARE UNABLE TO LOCATE THE SOFTWARE LICENSE OR LIMITED WARRANTY, CONTACT YOUR CISCO REPRESENTATIVE FOR A COPY.

The Cisco implementation of TCP header compression is an adaptation of a program developed by the University of California, Berkeley (UCB) as part of UCB's public domain version of the UNIX operating system. All rights reserved. Copyright © 1981, Regents of the University of California.

NOTWITHSTANDING ANY OTHER WARRANTY HEREIN, ALL DOCUMENT FILES AND SOFTWARE OF THESE SUPPLIERS ARE PROVIDED "AS IS" WITH ALL FAULTS. CISCO AND THE ABOVE-NAMED SUPPLIERS DISCLAIM ALL WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THOSE OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OR ARISING FROM A COURSE OF DEALING, USAGE, OR TRADE PRACTICE.

IN NO EVENT SHALL CISCO OR ITS SUPPLIERS BE LIABLE FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST PROFITS OR LOSS OR DAMAGE TO DATA ARISING OUT OF THE USE OR INABILITY TO USE THIS MANUAL, EVEN IF CISCO OR ITS SUPPLIERS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Any Internet Protocol (IP) addresses and phone numbers used in this document are not intended to be actual addresses and phone numbers. Any examples, command display output, network topology diagrams, and other figures included in the document are shown for illustrative purposes only. Any use of actual IP addresses or phone numbers in illustrative content is unintentional and coincidental.

All printed copies and duplicate soft copies of this document are considered uncontrolled. See the current online version for the latest version.

Cisco has more than 200 offices worldwide. Addresses and phone numbers are listed on the Cisco website at www.cisco.com/go/offices.

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: <https://www.cisco.com/c/en/us/about/legal/trademarks.html>. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1721R)

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

Table 1: New Software Features in Cisco Catalyst Cellular Gateways

Feature	Description
Enable SSH over WAN for Cisco Catalyst Cellular Gateways	This feature introduces support for Secure Shell (SSH) sessions between a WAN and Cisco Catalyst Cellular Gateways.
Local WebUI support for Cisco Catalyst Cellular Gateways	This feature introduces support for Local WebUI that acts as an interface to configure and monitor Cisco Catalyst Cellular Gateways.
System Logging for Cisco Catalyst Cellular Gateways	Event notification system log (syslog) messages can now be configured to be logged in files on the local device, and can also be sent to a remote host or multiple hosts.
Support to configure Network Address Translation (NAT)	This feature enables translation of private IP addresses into public IP addresses using the IP passthrough mode and the NAT mode. IP passthrough is the default mode which can be switched to NAT mode. Enabling NAT mode on the Cisco Catalyst Cellular Gateway device provides the connected devices access to DHCP and the local gateway.

Resolved Bugs in Cisco IOS CG 17.10.1a

Bug ID	Description
CSCwc11223	Resetting the CG522 through the reset button, not successful after the upgrade.
CSCwd24275	IPReassembler element strips last 20 bytes of last fragment.
CSCwb57386	CG522-E constant TxDrops seen on the cellular interface.
CSCwc83932	NTP synchronization does not work on CG522-E.
CSCwb97639	Device shows different reboot reason after software upgrade.
CSCvz18498	Reboot counter not updated with software upgrade.
CSCwb54715	CG418-E: Invalid display of network and current system time with live sim.
CSCwd38271	Active SIM is 1 when there is no SIM in the Cellular Gateways with IOS.

Open Bugs in Cisco IOS CG 17.10.1a

There are no open bugs for this release.

Communications, Services, and Additional Information

- To receive timely, relevant information from Cisco, sign up at [Cisco Profile Manager](#).
- To get the business impact 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

To provide feedback about Cisco technical documentation, use the feedback form available in the right pane of every online document.

Troubleshooting

For the most up-to-date, detailed troubleshooting information, see the Cisco TAC website at <https://www.cisco.com/en/US/support/index.html>.

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.

