



# Release Notes for Cisco Catalyst Cellular Gateways, Cisco IOS XE 17.3.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 XE 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.

## Cisco Catalyst Cellular Gateways Platforms

The Cisco Catalyst Cellular Gateways Platform include the following models:

- CG418-E (CAT18 LTE Advanced Pro)

## New and Changed Hardware Features

There are no new or enhanced hardware features for this release.

## New and Changed Software Features

*Table 1: New Software Features*

Feature	Description
Auto APN	This feature enables support to automatically select the Access Point Name (APN) information based on the operator's SIM.
Auto SIM	It is now possible for a Cellular Gateway device to detect the carrier of the inserted SIM and load the appropriate firmware.
<a href="#">Custom APN</a>	This feature introduces support to configure custom Access Point Name (APN) profile values using commands.
Carrier Aggregation	Carrier aggregation is a feature that is enabled by default on the Cellular Gateway device, but this feature is not activated. For the feature to be active, it has to be at a high traffic rate. When the link capacity is reached, the bands begin to be added using carrier aggregation data pipe, which enhances the device's performance by twice as much.

Feature	Description
Dual SIM	The Cellular Gateway device supports dual SIM functionality, but only one SIM can be active at a time.
<a href="#">DM Logging</a>	This feature helps to capture modem logging to troubleshoot 4G data connectivity or performance issues.
<a href="#">Dual SIM Failover</a>	This feature introduces the ability to failover to a secondary SIM in case of loss of connectivity to an active SIM.
<a href="#">Firmware Upgrade</a>	This functionality introduces support to upload and upgrade firmware on the Cellular Gateway device. Modem firmware downgrade is not supported.
IP passthrough	This feature provides WAN connectivity to the host router by passing the IPv4 or IPv6 address received from the service provider to a host router attached to the Cellular Gateway device.
<a href="#">IP Source Address Violation</a>	This feature enables dropping of any outbound traffic where the source address is not the same as the address which was originally offered from the service provider.

## Resolved Bugs in Cisco IOS XE 17.3.7

There are no resolved bugs for this release.

## Open Bugs in Cisco IOS XE 17.3.7

Bug ID	Description
<a href="#">CSCvx73750</a>	Device 5G light is blue when the 4G LTE is in use.
<a href="#">CSCvx19306</a>	ewand crash on show cell 1 antenna.
<a href="#">CSCvy41947</a>	Packets getting reassembled and are forwarded as it is to the Gigabit interface.

## Resolved Bugs in Cisco IOS XE 17.3.6

There are no resolved bugs for this release.

## Open Bugs in Cisco IOS XE 17.3.6

Bug ID	Description
<a href="#">CSCvx73750</a>	Device 5G light is blue when the 4G LTE is in use.
<a href="#">CSCvx19306</a>	ewand crash on show cell 1 antenna.
<a href="#">CSCvy41947</a>	Packets getting reassembled and are forwarded as it is to the Gigabit interface.

## Resolved Bugs in Cisco IOS XE 17.3.5

There are no resolved bugs for this release.

## Open Bugs in Cisco IOS XE 17.3.5

Bug ID	Description
<a href="#">CSCvx73750</a>	Device 5G light is blue when the 4G LTE is in use.
<a href="#">CSCvx19306</a>	cwand crash on show cell 1 antenna.
<a href="#">CSCvy41947</a>	Packets getting reassembled and are forwarded as it is to the Gigabit interface.

## Resolved Bugs in Cisco IOS XE 17.3.4a

There are no resolved bugs for this release.

## Open Bugs in Cisco IOS XE 17.3.4a

Bug ID	Description
<a href="#">CSCvx73750</a>	Device 5G light is blue when the 4G LTE is in use.
<a href="#">CSCvx19306</a>	cwand crash on show cell 1 antenna.
<a href="#">CSCvy41947</a>	Packets getting reassembled and are forwarded as it is to the Gigabit interface.

## Resolved Bugs in Cisco IOS XE 17.3.3

There are no resolved bugs for this release.

## Open Bugs in Cisco IOS XE 17.3.3

Bug ID	Description
<a href="#">CSCvx73750</a>	Device 5G light is blue when the 4G LTE is in use.
<a href="#">CSCvx19306</a>	cwand crash on show cell 1 antenna.
<a href="#">CSCvy41947</a>	Packets getting reassembled and are forwarded as it is to the Gigabit interface.

## Resolved Bugs in Cisco IOS XE 17.3.2

There are no resolved bugs for this release.

## Open Bugs in Cisco IOS XE 17.3.2

Bug ID	Description
<a href="#">CSCvx73750</a>	Device 5G light is blue when the 4G LTE is in use.
<a href="#">CSCvx19306</a>	cwand crash on show cell 1 antenna.
<a href="#">CSCvy41947</a>	Packets getting reassembled and are forwarded as it is to the Gigabit interface.

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