

Cisco Crosswork Cloud 2023 Archived Release Notes

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2023 Archived Release Notes for Cisco Crosswork Cloud

This document describes the new features released and defects resolved in 2023 for Cisco Crosswork Cloud.

To view the current release notes, see Cisco Crosswork Cloud Release Notes.

New Features and Resolved Bugs

The following sections list the new features and bug fixes available in Crosswork Cloud organized by product and the date in which they were released.

To quickly set up and start using Crosswork Cloud, see *Cisco Crosswork Cloud Quick Start Guide*. For information on how to use Crosswork Cloud, see *Cisco Crosswork Cloud User Guide*.

2023-12-01

Table 1: New Features and Resolved Bugs Released on 2023-12-01.

Product	Туре	Unique Identifier	Description		
Crosswork Cloud Trust Insights	New Feature	CCTI-6498	You can now configure the Crosswork Cloud Trust Insights policies (> Configure > Policies) to monitor device integrity:		
			Data Gateway Connectivity—Detects when the on-premise Crosswork Data Gateway used for dossier collection is not reachable and dossier collection may be interrupted.		
			Device Connectivity—Detects when Crosswork Cloud cannot reach a monitored Cisco IOS XR device for dossier collection.		
			Hardware Integrity Validation—Detects a hardware integrity validation failure on a Cisco IOS XR device.		
					Package Validation—Detects when a software package has an unknown installation or running signature.
		Unknown Files—Detects unknown files that do not match known Cisco IOS XR signatures or user defined Known Good Values (KGV).			
			Mismatched Files—Detects files with signatures that do not match known Cisco IOS XR artifacts of user defined KGV.		
			Dossier Collection Failure—Detects when Crosswork Cloud has failed to collect a dossier from a monitored Cisco IOS XR device.		
				Device Enrollment Certificate Violation—Detects when the certificate used to enroll and validate a Cisco IOS XR device has failed validation.	
			Expired Device Certificate—Detects when the certificate used to enroll and validate a Cisco IOS XR device has expired.		
			• Device Certificate Expiring—Monitors pending expiration status and is triggered when the number of days prior to expiration reaches the time you specify (7, 30, 60, or 90 days).		
			Device SSH Host Key Violation—Detects when the SSH host key for a monitored Cisco IOS XR device has changed and dossier collection has not been completed.		

Product	Туре	Unique Identifier	Description
Crosswork Cloud	Bug Fix	CCLD-9750	The Alarm details page (Monitor > Alarms > alarm-name) now displays the Snoozed Until information at the top of the page (next to the alarm name) for snoozed alarms.
Crosswork Cloud Network Insights	Bug Fix	CCNI-9540	The Origin ASNs field is now marked as a Required field, when creating a policy with AS Origin Violation - My Peers rule (> Configure > Policies > Add Policy > Prefix Policy > Add Rule > AS Origin Violation - My Peers).
Crosswork Cloud Network Insights	Bug Fix	CCNI-9804	The ASN Path is now displayed correctly in the Path Topology page (> Tools > Path Topology).

2023-11-06

Table 2: New Features and Resolved Bugs Released on 2023-11-06.

Product	Туре	Unique Identifier	Description
Crosswork Cloud	Bug Fix	CCLD-9558	You will no longer receive an error message if you add a space at the start or end of the description in the Notes field.

2023-10-25

Table 3: New Features and Resolved Bugs Released on 2023-10-25.

Product	Туре	Unique Identifier	Description
Crosswork Cloud Network Insights	New Feature	CCNI-8123	Added AS Path as a filter option in the Add Filter dialog box of the following BGP Updates pages:
			• Global BGP Updates page (> Monitor > BGP Updates)
			• ASN BGP Updates page (
			• Prefix BGP Updates page (
			• Peer BGP Updates page (Something > Monitor > Peers > Peer-IP > BGP Updates tab)

2023-10-11

Table 4: New Features and Resolved Bugs Released on 2023-10-11.

Product	Туре	Unique Identifier	Description
Crosswork Cloud Traffic Analysis	Bug Fix	CCTA-6762	Traffic Drilldown tool (> Tools > Traffic Drilldown): When you reduce the Device column to its smallest size, the column header and values are now aligned properly.
Crosswork Cloud Network Insights	Bug Fix	CCNI-9620	Added the Last Updated field in the following ROA pages: • \$\mathbb{8}\$ > Monitor > ASNs > ASN-Number > ROA tab • \$\mathbb{8}\$ > Monitor > Prefixes > Prefix-IP > ROA tab
Crosswork Cloud	New Feature	CCLD-7750	Added the /api/v1/users API call. For more information, see the v1 Users API document.

2023-08-25

Table 5: New Features and Resolved Bugs Released on 2023-08-25.

Product	Туре	Unique Identifier	Description
Crosswork Cloud Traffic Analysis	Bug Fix	CCTA-9324	The Ignored tab on the Peer Prospecting page no longer displays all ASNs when the Clear All Filters option is selected (> Tools > Peer Prospecting > Ignored tab > Clear All Filters).
Crosswork Cloud Network Insights	New Feature	CCNI-7807	You can now see the RIPE RPSL data (Source and Origin ASN values) on the following RPSL pages: • Solution > Monitor > Prefixes > Prefix-IP > RPSL tab. • Solution > Monitor > ASNs > ASN-Number > RPSL tab.

2023-08-14

Table 6: New Features and Resolved Bugs Released on 2023-08-14.

Product	Туре	Unique Identifier	Description
Crosswork Cloud Traffic Analysis	New Feature	• CCTA-9380 • CCTA-9381	Made the following changes in the Traffic Analysis Configure Policies page Configure > Policies): • Updated the field names of "Last Gateway To Lose Connection" and "Last Device To Lose Connection" to "Last Active Alarm Gateway" and "Last Active Alarm Device" respectively. • The "Last Active Alarm Gateway" and "Last Active Alarm Device" fields now display the values which were missing in some cases when the user navigated away and returned to the Configure Policies page.
Crosswork Cloud Network Insights	Bug Fix	CCNI-9348	The Violation Peers map now appears properly on the Subprefix Advertisement alarm page (> Monitor > Alarms > Subprefix Advertisement alarm name > Overview tab).
Crosswork Cloud Network Insights	Bug Fix	CCNI-8540	The Test button is now disabled when the Sample AS Paths field is left blank in the AS Path Pattern Configuration page.
Crosswork Cloud Network Insights	Bug Fix	CCNI-8541	Updated the help text of the Contact Email field on the Add Peer page (> Configure > Peers > Add Peer) to convey the correct message.
Crosswork Cloud Traffic Analysis	New Feature	CCTA-9322	To differentiate between Trust Insights and Traffic Analysis Data Gateways, Trust Insights and Traffic Analysis tags have been added to the Data Gateway column name in the Customize Columns page (> Configure > Devices >
Crosswork Cloud Traffic Analysis	Bug Fix	CCTA-9447	Updated the help links to more appropriate topics in the following Traffic Analysis Policies pages: • Configure Policies page (> Configure > Policies) • Create New Policy page (> Configure > Policies > Add Policy) • Edit Policy page (> Configure > Policies > Policies > Policy-Name)

Product	Туре	Unique Identifier	Description
Crosswork Cloud	Bug Fix	CCLD-8771	The token status is now displayed correctly in the Status column on the Bearer Tokens page (click your user initials at the top right corner and then choose API Key/Tokens > Bearer Tokens tab).

2023-07-27

Table 7: New Features and Resolved Bugs Released on 2023-07-27.

Product	Туре	Unique Identifier	Description
Crosswork Cloud Traffic Analysis	New Feature	• CCTA-7331 • CCTA-7727 • CCTA-7831 • CCTA-9815	You can now configure Crosswork Cloud Traffic Analysis policies (> Configure > Policies) to monitor traffic utilization: • Gateway Connectivity—If the Crosswork Data Gateway loses connection to Crosswork Cloud (fails to communicate with Crosswork Cloud within its reporting interval), an alarm is triggered. This policy is automatically created and can be modified. • Device Connectivity—If any of the connections (SNMP or BGP) between the device and the Crosswork Data Gateway is down, an alarm is triggered. This policy is automatically created and can be modified. • Interface TX/RX Utilization—These alarms monitor traffic information and is triggered when interface TX or RX utilization is outside the threshold range you define. • Prefix Utilization—This alarm monitors the capacity of a prefix and is triggered when the maximum percentage of total capacity of a single prefix on a monitored interface is exceeded.
Crosswork Cloud	New Feature	CCLD-8129	Crosswork Cloud now supports Streaming API.

2023-07-10

Table 8: New Features and Resolved Bugs Released on 2023-07-10.

Product	Туре	Unique Identifier	Description
Crosswork Cloud	New Feature	CCLD-9306	Notification endpoint configuration has been moved to Solution Sol
Crosswork Cloud	Bug Fix	• CCNI-9205	The following updates have been made when adding a
		• CCNI-9228	notification endpoint (> Global > Notifications > Add type Endpoint):
			• The Save button is now disabled if the length of the endpoint name is less than 3.
			You will no longer receive an error message if there is a space at the start or end of the endpoint name.
Crosswork Cloud Network Insights	Bug Fix	CCNI-8099	Updated the ASN RPSL page (ASNs > ASN-ID > RPSL tab) to include infinite scroll instead of pagination view.
Crosswork Cloud Network Insights	Bug Fix	CCNI-6389	Upper limit for the Days to Trigger Before Expiration field (Policies > Add Policy > Prefix Policy > Add Rules > ROA Expiry) is now set to 4294967295.
Crosswork Cloud	Bug Fix	CCLD-9252	Corrected the startTime format in the Usage Examples for Get all BGP updates (> Documentation > APIs > Usage Examples section on the ASNs, BGP, and Prefixes pages).

2023-07-03

Table 9: New Features and Resolved Bugs Released on 2023-07-03.

Product	Туре	Unique Identifier	Description
Cisco Crosswork Cloud	Bug Fix	CCLD-9183	The sample Crosswork Cloud client script on the Cisco Crosswork Cloud REST API page (> Documentation > APIs) now renders correctly in Google Chrome.
Crosswork Cloud Network Insights	New Feature	CCNI-7793	You can now configure Google Storage as a notification endpoint (>> Notification Endpoints > Google Storage tab). For more information, see Configure Google Storage Endpoints.

2023-06-20

Table 10: New Features and Resolved Bugs Released on 2023-06-20.

Product	Туре	Unique Identifier	Description
Cisco Crosswork Cloud	Bug Fix	CCLD-9151	The correct alarm count now appears in SMS notifications.
Cisco Crosswork Cloud	New Feature	NA	The new Cisco Crosswork Cloud Quick Start Guide provides high-level workflows to quickly set up and start using Cisco Crosswork Cloud.
Cisco Crosswork Cloud	Bug Fix	CCLD-9087	The correct URL now appears in SMS notifications.
Crosswork Cloud Traffic Analysis	Bug Fix	CCTA-9014	Traffic Drilldown tool: You will no longer receive an error message while adding filter to the Utilization column (Traffic Analysis > Tools > Traffic Drilldown > device-name > Utilization column).

2023-05-26

Table 11: New Features and Resolved Bugs Released on 2023-05-26.

Product	Туре	Unique Identifier	Description
Crosswork Cloud Network Insights	Bug Fix	CCNI-8813	The Edit Tags action is no longer available for unsubscribed prefixes and unmonitored ASNs.
Crosswork Cloud Network Insights	Bug Fix	CCNI-8948	You will no longer receive an error message while getting the RPSL data for ASNs with large number of prefixes (External Routing Analysis > Monitor > ASNs > ASN-name > RPSL tab).
Crosswork Cloud	New Feature	CCLD-7517	Added the /api/v1/prefixes API call. For more information, see the v1 Prefixes API document.
Crosswork Cloud	New Feature	CCLD-7633	Added the /api/v1/asns API call. For more information, see the v1 ASNs API document.

2023-04-26

Table 12: New Features and Resolved Bugs Released on 2023-04-26.

Product	Туре	Unique Identifier	Description
Crosswork Cloud Network Insights	New Feature	CCNI-8015	Added the following API calls to return data on BGP updates for either a named ASN or Prefix: • /api/v1/asns/{asn}/bgp-updates • /api/v1/prefixes/{prefix}/bgp-updates
Crosswork Cloud	Bug Fix	CCNI-8484	You can no longer use white space as a tag to filter ASNs or Prefixes.
Crosswork Cloud Network Insights	Bug Fix	CCNI-8798	The Ignore Prefix Mask Length Threshold slider for Subprefix Advertisement rule on the Policy Configuration page (External Routing Analysis > Configure > Policies > Add Policy > Prefix Policy > Add Rule > Subprefix Advertisement) no longer appears broken.
Crosswork Cloud Network Insights	Bug Fix	CCNI-8800	The Subprefix Advertisement violation peers map no longer appears smaller in Mozilla Firefox browser (112.0 (64-bit) version) running on Mac.
Crosswork Cloud Network Insights	Bug Fix	CCNI-8373	You can now see a banner on the Relevant BGP Updates page (External Routing Analysis > Monitor > Alarms > alarm-name > Relevant BGP Updates tab) which indicates that the updates older than allowed number of days (derived from historical data look-up of current subscription tier) are not displayed.

2023-04-17

Table 13: New Features and Resolved Bugs Released on 2023-04-17.

Product	Туре	Unique Identifier	Description
Crosswork Cloud Network Insights	New Feature	CCNI-6273	The look and feel of the tables in the following pages have been updated to be consistent with other Crosswork Cloud tables.
			• Monitor > Prefixes > Prefix-IP > Looking Glass tab
			• Monitor > Prefixes > Prefix-IP > Overview tab > Upstream section
			• Monitor > Prefixes > Prefix-IP > Overview tab > Origins section

Product	Туре	Unique Identifier	Description	
Crosswork Cloud Network Insights	New Feature	CCNI-7304	There is a new Prefix policy category available with certain subscriptions called My Peers . A My Peers rule will follow BGP updates <i>only</i> from your peers, whereas a All Peers rule will follow BGP updates from your peers <i>and</i> global peers. To configure Prefix policies with these rules, see Add Policies. Add Policy Prefix Rules	
			Select rules to activate for this policy	
			All Peers AS Origin Violation AS Path Length Violation New AS Path Edge Parent Aggregate Change Prefix Advertisement Prefix Withdrawal ROA Expiry ROA Failure ROA Not Found Subprefix Advertisement Upstream AS Change Valid AS Path Violation My Peers Parent Aggregate Change - My Peers Prefix Withdrawal - My Peers Upstream AS Change - My Peers Valid AS Path Violation	
Cisco Crosswork Cloud	New Feature	CCLD-8240	• The Tier Information page (> Purchase > Tier Information tab) has been updated to include a Premium Alarms category. The new prefix My Peers alarms are under this category.	
			 All the non My Peers alarms are now available for all the tiers. Also, the As Path Length Violation, Advertised Prefix Count, Prohibited IP Prefix, DNS Root Prefix Withdrawal alarms are now categorized as basic alarms. 	
Crosswork Cloud Network Insights	New Feature	CCNI-8260	Removed limitation where subprefix alarms were limited to subnets within 10 bits of a configured prefix.	
Crosswork Cloud Network Insights	Bug Fix	CCNI-8503	You can now configure multiple tags while adding/editing peers, even if no tags were previously configured for that peer.	
Crosswork Cloud Network Insights	New Feature	CCNI-8492	The Prefix Type column has been removed from the BGP Updates page (External Routing Analysis > Monitor > BGP Updates).	

Product	Туре	Unique Identifier	Description
Crosswork Cloud Network Insights	Bug Fix	CCNI-8504	The following Customize Column option names have been updated to maintain consistency:
			• The Update Table Settings option has been renamed to Save Table Settings .
			• Remove Table Settings has been moved to the end of the list items.
Crosswork Cloud Network Insights	Bug Fix	CCNI-8523	You will no longer receive the Unexpected Error message when you click the Cancel button on the Import Peers from BGPMon page (Monitor > Peers > Peermon Import).
Crosswork Cloud	Bug Fix	CCLD-8575	Tag length has been increased to 64 characters.

2023-03-22

Table 14: New Features and Resolved Bugs Released on 2023-03-22.

Product	Туре	Unique Identifier	Description
Crosswork Cloud Traffic Analysis	Bug Fix	CCTA-8418	Added the Updated At field to the Traffic Data information on the device Status page (Monitor > Devices > <i>device-name</i> > Status tab > hover over the Traffic Data arrow between Data Gateways and Devices).
Crosswork Cloud Traffic Analysis	Bug Fix	CCTA-8414	The checklist symbols on the Traffic Analysis Setup Checklist page (Configure > Setup Checklist) are now displayed correctly.

2023-03-06

Table 15: New Features and Resolved Bugs Released on 2023-03-06.

Product	Туре	Unique Identifier	Description
Crosswork Cloud	New Feature	CCLD-7518	Due to the newly added /api/v1/alarms API call, the JSON format of S3 notification messages for alarms has been updated.
Crosswork Cloud Network Insights	Bug Fix	CCNI-7618	The snoozed alarms now move to Acknowledged state after the snooze time expires.

2023-02-07

Table 16: New Features and Resolved Bugs Released on 2023-02-07.

Product	Туре	Unique Identifier	Description
Crosswork Cloud Network Insights	New Feature	CCNI-7987	A Get Started pop-up window appears in External Routing Analysis when policies and prefixes are not configured. The Get Started pop-up window provides you with some help to start using the product. You can use the Express Setup button on the page to configure the policies. Also, you can get additional help by clicking the Get Help or Provide Feedback button.
Crosswork Cloud Network Insights	Bug Fix	CCNI-6769	BGP Updates table: The Peer column in the exported CSV file now displays IP addresses for peers owned by that organization instead of Peer IDs.

2023-01-27

Table 17: New Features and Resolved Bugs Released on 2023-01-27.

Product	Туре	Unique Identifier	Description
Crosswork Data Gateway	New Feature	NA	Crosswork Data Gateway 4.5 includes the following new features:
			Data collection from an Amazon Elastic Compute Cloud web service
			 Ability to configure a dedicated vNIC (vNIC03) to route custom traffic such as SSH
			• Improvements to the Interactive Console
			• Enhancements to the AMI image format to include DHCP support. After the image is booted, it enables registration with Crosswork Cloud.
			Enhancements to the internal REST API
			For more information, see Supported Cisco Crosswork Data Gateway Version, on page 15.

2023-01-26

Table 18: New Features and Resolved Bugs Released on 2023-01-26.

Product	Туре	Unique Identifier	Description
Crosswork Cloud Network Insights	Bug Fix	CCNI-8179	Updated the description to Expected ROA records in the Expected section of the ROA Not Found page (Monitor > Alarms > ROA Not Found alarm > Overview tab).
Crosswork Cloud Network Insights	Bug Fix	CCNI-8149	The Custom Timeframe on the BGP Updates page now allows you to select the same start and end time values when the selected dates are different.

2023-01-13

Table 19: New Features and Resolved Bugs Released on 2023-01-13.

Product	Туре	Unique Identifier	Description
Crosswork Cloud Network Insights	Bug Fix	CCNI-8181	You will no longer receive the Unexpected Error message when linking the peer to the Peer Policy.
Crosswork Cloud Network Insights	Bug Fix	CCNI-8146	The Alarm History page (External Routing Analysis > Alarms > History tab) no longer displays any error message when you select the Last 90 Days option from the Timeframe drop-down list.

Supported Browsers

Crosswork Cloud products are supported on the following browsers:

- Google Chrome 70 or later
- Mozilla Firefox 62 or later

Crosswork Cloud Trust Insights Required Software

Crosswork Cloud Trust Insights requires the following software:

- Cisco Crosswork Data Gateway
- Crosswork Cloud Trust Insights supports Cisco 8000, Cisco NCS 5500, Cisco NCS 540, and Cisco NCS 540 (LNT) devices running Cisco IOS XR 7.3.1 or later. The following Cisco IOS XR versions are supported:
 - 7.3.1, 7.3.2, 7.3.3, and 7.3.4

- 7.4.1 and 7.4.2
- 7.5.1, 7.5.2, and 7.5.4
- 7.6.1 and 7.6.2
- 7.7.1 and 7.7.2
- 7.8.1
- 7.9.1

For information on how to integrate Cisco IOS XR and Crosswork Cloud Trust Insights, refer to the following table:

Table 20: Related Cisco IOS XR Documentation

Platform	Configuration	Command Reference
Cisco 8000 Series Routers	Release 7.9.x	All releases
	Release 7.8.x	
	Release 7.7.x	
	Release 7.5.x	
	Release 7.3.x	
Cisco NCS 5500 Series Routers	Release 7.9.x	All releases
	Release 7.8.x	
	Release 7.7.x	
	Release 7.6.x	
	Release 7.5.x	
	Release 7.4.x	
	Release 7.3.x	
Cisco NCS 540 Series Routers	Release 7.9.x	All releases
	Release 7.8.x	
	Release 7.7.x	
	Release 7.6.x	
	Release 7.5.x	
	Release 7.4.x	
	Release 7.3.x	

Platform	Configuration	Command Reference
Cisco ASR 9000 Series Routers	Release 7.9.x	All releases
	Release 7.8.x	
	Release 7.7.x	
	Release 7.6.x	
	Release 7.5.x	
	Release 7.4.x	
	Release 7.3.x	

- Cisco 8000 Series Routers
- Cisco NCS 5500 Series Routers
- Cisco NCS 540 Series Routers
- Cisco ASR 9000 Series Routers

Supported Cisco Crosswork Data Gateway Version

You can download the supported Cisco Crosswork Data Gateway version for Crosswork Cloud products from the Cisco Software Download page. For more information, see the following:

- Cisco Crosswork Data Gateway Release Notes
- Cisco Crosswork Data Gateway Installation and Configuration Guide for Cloud Applications



Note

- Cisco Crosswork Data Gateway 5.0 is not supported.
- Confirm that system requirements are met (see the Installation Requirements chapter in the *Cisco Crosswork Data Gateway Installation and Configuration Guide for Cloud Deployment*).

