Cisco Crosswork Cloud Release Notes

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This document describes the new features and resolved bugs for all Cisco Crosswork Cloud products.

To quickly set up and start using Crosswork Cloud, see the *Cisco Crosswork Cloud Quick Start Guide*. To view Crosswork Cloud documentation, see Crosswork Cloud Technical Documentation.

To access previous versions of specific Crosswork Cloud product release notes, see:

- Cisco Crosswork Cloud 2023 Archived Release Notes

- Cisco Crosswork Cloud 2022 Archived Release Notes

- Cisco Crosswork Cloud 2021 Archived Release Notes

- Cisco Crosswork Cloud 2020 Archived Release Notes

- Cisco Crosswork Network Insights 2019 Archived 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.

2024-09-26

Table 1: New Feature Released on 2024-09-26.

Product	Type	Unique Identifier	Description

Crosswork Cloud Network Insights	New Feature	CCNI-9791	The alarm infrastructure has been updated to improve performance and functionality. As part of this update:
			
			• The following REST API alarm states are now deprecated and will be phased out in future releases:
			
			  • ALARM_STATE_PAUSED
			
			  • ALARM_STATE_CONFIGURED
			
			• The SNOOZED alarm state has been deprecated in favor of more specific states—SNOOZED_ACTIVE or SNOOZED_CLEAR—that also indicate the underlying alarm state. However, the SNOOZED alarm state will continue to be displayed for a few days following the deployment of the new alarm service.
			
			• Only changes to alarm states will be recorded in the Alarm History pages. Previously, updates to an alarm in the ACTIVE state, such as changes in peer counts, would generate multiple Alarm History entries for the same alarm. This enhancement significantly reduces the noise caused by changes in alarm properties.

Cisco Crosswork Cloud	New Feature	CCLD-11003	You now have the capability to copy and paste tooltip text that is displayed when you hover your mouse over truncated column fields.

2024-09-13

Table 2: New Feature Released on 2024-09-13.

Product	Type	Unique Identifier	Description
Crosswork Cloud Network Insights	New Feature	CCNI-10621	Enhanced the Crosswork Cloud Network Insights REST API to extract relevant BGP updates and information for various alarms. For more information, see Crosswork Cloud API documentation (> **Documentation** > **APIs** > **Network Insights** > **Alarms**)

2024-08-08

Table 3: New Feature Released on 2024-08-08.

Product	Type	Unique Identifier	Description
Crosswork Cloud Trust Insights	Enhancement	CCTI-10951	When fingerprinting is not enabled on a device, the Package Integrity value now shows as **Disabled** instead of **Not Supported**.
Crosswork Cloud Trust Insights	Bug Fix	CCLD-10940	You are no longer limited to the records displayed on the **Device Details Changes** screen (**Device > *device-name* > Trust Insights** tab **> Changes** tab) when exporting data. Instead, the **Export Full JSON** link now exports all available records.

2024-08-01

Table 4: New Feature Released on 2024-08-01.

Product	Type	Unique Identifier	Description
Crosswork Cloud Traffic Analysis	New Feature	CCTA-9980	Before you remove a data gateway or device, the confirmation message now includes details as to what applications, policies, and rules will be affected by the removal.
Cisco Crosswork Cloud	New Feature	CCLD-10571	You now have the option to delete one or more devices from Crosswork Cloud within the Devices page. To remove devices, choose or , click the check box next to one or more device names, and click **Remove**.
Cisco Crosswork Cloud	New Feature	CCLD-5421	A loading animation now appears to indicate when Crosswork Cloud is processing large amounts of data.
Crosswork Cloud Traffic Analysis	New Feature	CCTA-10572	An ASN Centric tab has been added to the Traffic Drilldown tool. The ASN Centric tab initially displays a list of ASNs that you can choose from. For more information, see Traffic Drilldown.
Crosswork Cloud Trust Insights	New Feature	CCLD-10826	To address Cisco IOS XR devices with fingerprinting turned off, a banner appears and directs you to instructions on how to enable fingerprinting (**Monitor > *device-name* > Trust Insights** tab).
Cisco Crosswork Cloud	Bug Fix	CCLD-10918	If a device is configured for a Trust Insights data gateway and a Traffic Analysis data gateway, the Configure > Devices page now displays all data gateway information for both Trust Insights and Traffic Analysis.

Product	Type	Unique Identifier	Description
Cisco Crosswork Cloud	Bug Fix	• CCLD-10857 • CCLD-10864	In the BGP Updates and Trust Insights Overview charts, you can now navigate to the oldest and newest available data by using the arrow buttons when there isn't enough data to fill the selected time range.
Crosswork Cloud Traffic Analysis	Bug Fix	CCTA-10685	Utilization no longer displays over 100% utilization in the Traffic Drilldown tool.
Crosswork Cloud Traffic Analysis	Bug Fix	CCTA-10888	A device no longer times out (rare occurrence) when an SNMP BULKWALK command is issued.
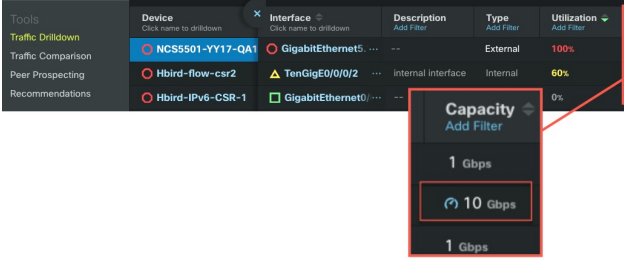
2024-07-17

Table 5: New Feature Released on 2024-07-17.

Product	Type	Unique Identifier	Description
Crosswork Cloud Trust Insights	New Feature	CCTI-6478	A new Device Running Configuration Change alarm identifies when a device configuration has changed.

2024-06-14

Table 6: New Feature Released on 2024-06-14.

Product	Type	Unique Identifier	Description
Crosswork Cloud Traffic Analysis	New Feature	CCTA-7860	You can now assign a Committed Information Rate (CIR) for any interface (**Interfaces > *interface-name* > Edit > Interface Capacity Override**). All capacity calculations, including those that serve as policy thresholds, will reflect information based on assigned CIR values. A CIR icon (⊘) indicates that a CIR value has been assigned to the interface. For example: **Figure 1: Traffic Drilldown Example** For more information, see Assign a Committed Information Rate (CIR) to an Interface.

Product	Type	Unique Identifier	Description
Cisco Crosswork Cloud	Bug Fix	CCLD-10660	The appropriate page now opens after clicking a link from the **Activity Log**.
Cisco Crosswork Cloud	Enhancement	CCLD-10712	The formatting of subscription and trial expiration emails has been improved.
Crosswork Cloud Network Insights	Bug Fix	CCNI-9703	Row selections in the Peers table are now preserved when the table automatically refreshes.
Crosswork Cloud Network Insights	Bug Fix	CCNI-10697	When a paid subscription is canceled, the account correctly switches to a free account. An email is sent to the tenant owner after the account is converted to a free account.
Crosswork Cloud Network Insights	Bug Fix	CCNI-10751	An error no longer appears when there is an extra space in the beginning or end of the **Notes** area after editing the **Alarm Details** .
Crosswork Cloud Network Insights	Bug Fix	CCNI-10797	Routing Policy Specification Language (RPSL) data collection handling has been improved when Internet Routing Registries (IRRs) are observed.

2024-05-06

Table 7: New Feature Released on 2024-05-06.

Product	Type	Unique Identifier	Description
Crosswork Cloud Network Insights	Bug Fix	CCNI-10608	When using the Route Origin Violation (ROV) tool (> **Tools** > **Route Origin Validation**), all ROV records now display the violation description in the Notes section.
Crosswork Cloud Trust Insights	Bug Fix	CCTI-10566	Updated the check mark icon color in the Unknown Files and Package Validation pages when using the High Contrast theme in Crosswork Cloud.

2024-04-24

Table 8: New Feature Released on 2024-04-24.

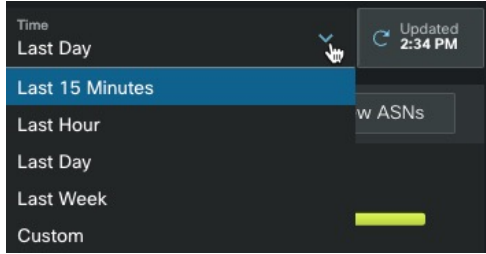| Product	Type	Unique Identifier	Description
Crosswork Cloud Trust Insights	New Feature	CCTI-9202	APIs for Crosswork Cloud Trust Insights are now available for the following items: • Credentials • Devices • Gateways • Enrollment Tokens • Policies For more information, log into Crosswork Cloud and navigate to the API documentation (❓ > **Documentation > APIs**).

2024-04-16

Table 9: New Feature Released on 2024-04-16.

Product	Type	Unique Identifier	Description
Crosswork Cloud Network Insights	New Feature	CCNI-9483	ROA validation data from the ASN and Prefix ROA pages have been moved to the new Route Origin Validation tool (⚙ > **Tools** > **Route Origin Validation**). The Route Origin Validation (ROV) tool compares Looking Glass data (BGP updates) against ROA records. For more information, see Validate Route Origin Information. **Note** The ROV tool is available only for Advantage and Premier subscription tiers.
Cisco Crosswork Cloud	Bug Fix	CCLD-10434	The instructions in the CSV Import tab (▦ or ▤ > **Monitor** > **Devices** > **Add Device** button) have been updated to include what must be configured if a device attribute is listed in the CSV file.

2024-04-01

Table 10: New Feature Released on 2024-04-01.

Product	Type	Unique Identifier	Description
Crosswork Cloud Traffic Analysis	Enhancement	CCTA-7219	You can now view the last 15 minutes of data in the drop-down **Time** or **Timeframe** filter list in the following Crosswork Cloud Traffic Analysis pages: • Overview • Devices • Interfaces • ASNs • Prefixes • Traffic Drilldown • Traffic Comparison • Recommendations
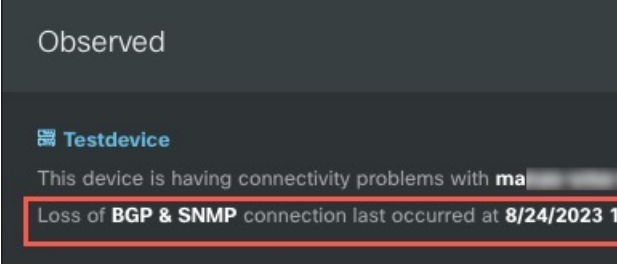
2024-03-26

Table 11: New Feature Released on 2024-03-26.

Product	Type	Unique Identifier	Description
Cisco Crosswork Cloud	Enhancement	• CCLD-10335 • CCLD-10339	There is a new option to enable NetStream Interface Index (ifIndex) mapping for supported third-party devices (🔆 or 🗐 > **Devices** > **Add Device** > **Advanced Settings** > **Show**).
Cisco Crosswork Cloud	Enhancement	CCLD-9503	The Application Help link has been updated to open the Cisco Crosswork Cloud Technical Documentation site (❓ > **Documentation** > **Application Help**).

2024-03-19

Table 12: New Feature Released on 2024-03-19.

Product	Type	Unique Identifier	Description
Cisco Crosswork Cloud	Enhancement	CCLD-9503	The **Lost Device Connection** details for an active alarm (under the **Observed** area) now includes BGP and SNMP connectivity information (🚦 or ☰ > **Alarms** > **Active** tab > **Lost Device Connection**). Observed 🖥 **Testdevice** This device is having connectivity problems with ma... Loss of **BGP & SNMP** connection last occurred at **8/24/2023 10:28:40 AM**

2024-02-29

Table 13: New Feature Released on 2024-02-29.

Product	Type	Unique Identifier	Description
Crosswork Cloud Network Insights	Bug Fix	CCNI-10269	When users already logged into Crosswork Cloud go to portal.bgpmon.net, they are correctly redirected to the Crosswork Cloud dashboard.
Cisco Crosswork Cloud	Bug Fix	CCLD-10159	The following changes have been made to the Crosswork Data Gateway pages: • The Traffic Analysis Crosswork Data Gateway page (🚦 > **Configure** > **Data Gateways**) no longer shows Trust devices. • The Trust Insights Crosswork Data Gateway page (☰ > **Configure** > **Data Gateways**) no longer shows Traffic devices.
Crosswork Cloud Traffic Analysis	Bug Fix	CCTA-10163	The following changes have been made to the devices in the Traffic Drilldown tool (🚦 > **Tools** > **Traffic Drilldown**): • For the Interface column, sorting is enabled. • For the Capacity column, sorting is now based on the speed of the interface instead of numerically.

Product	Type	Unique Identifier	Description
Cisco Crosswork Cloud	Bug Fix	CCLD-10129	The Advanced Settings toggle switch in the Add Device (⊞ or ▤ > **Devices** > **Add Device**) and Edit Device (⊞ or ▤ > **Devices** > **Edit Device**) page now displays "Show" and "Hide" labels instead of "On" and "Off".
Cisco Crosswork Cloud	Bug Fix	CCLD-10130	The **Unsaved Changes** pop-up window no longer appears if you didn't make any changes in the Devices page.

2024-02-12

Table 14: New Feature Released on 2024-02-12.

Product	Type	Unique Identifier	Description
Cisco Crosswork Cloud	Bug Fix	CCLD-9410	When you click **APIs** in the left navigation pane (❓ > **Documentation** > **APIs**), the **Getting Started** entry is now highlighted in the menu bar.
Cisco Crosswork Cloud	Bug Fix	CCLD-10131	The **Device** column in now displayed by default in the Traffic Analysis Alarms (⊞ > **Monitor** > **Alarms**) and Trust Insights Alarms (▤ > **Monitor** > **Alarms**) pages.
Crosswork Cloud Trust Insights	Bug Fix	CCTI-7536	The Trust Insights Device Changes page (▤ > **Devices** > *device-name* > **Changes** tab) has been updated as follows: • In the **Dossier Differences** column, an icon no longer appears when there are no changes between timestamps. • When the **Differences** tab is selected, Crosswork Cloud Trust Insights will now display up to 500 change records.

2024-02-06

Table 15: New Feature Released on 2024-02-06.

Product	Type	Unique Identifier	Description
Cisco Crosswork Cloud	Bug Fix	CCLD-9997	All links are now appropriately underlined across Crosswork Cloud when the display mode is using the High Contrast theme.
Cisco Crosswork Cloud	Bug Fix	CCLD-9316	You are no longer prompted for a verification code when adding Google Storage as an endpoint notification type during policy configuration.

Product	Type	Unique Identifier	Description
Cisco Crosswork Cloud	New Feature	CCLD-9179	BGPMon is no longer available. The following updates have been made: • Removed the following banner from the Crosswork Cloud login page: "For a limited time you can still access your BGPMon account if you have not yet migrated to Crosswork Cloud." • Added the following banner in the Crosswork Cloud sign-up page: "Legacy BGPMon Portal users must create a new account under Crosswork Cloud."
Cisco Crosswork Cloud	Bug Fix	CCLD-9154	The **Admin State** column no longer displays the "Unknown" status on the Notifications page (⚙ > **Global** > **Notifications**).
Cisco Crosswork Cloud	Bug Fix	• CCLD-10051 • CCLD-10153	Links to Help page topics have been updated from Trust Insights Alarms, and Crosswork Data Gateway pages.
Cisco Crosswork Cloud	Bug Fix	CCLD-9937	The white scroll bars in the Add Data Gateway page (▤ or ▤ > **Configure** > **Data Gateways** > **Add Data Gateway** button) have been removed.
Crosswork Cloud Network Insights	New Feature	CCNI-10098	There are new APIs to enable linking to multiple peers, ASNs, or prefixes at the same time.
Crosswork Cloud Network Insights	New Feature	CCNI-7962	The Summary information in the Prefix Overview page (⊹ > **Prefixes** > *prefix* > **Overview** tab) now displays an estimated geolocation and its confidence metrics gauge.
Crosswork Cloud Network Insights	Bug Fix	CCNI-9941	Valid information now appears for a Prefix alarm for multiple prefixes on the same interface.

Product	Type	Unique Identifier	Description
Crosswork Cloud Traffic Analysis	New Feature	CCTA-7199	As you click across interfaces and devices when using the Traffic Drilldown tool (▦ > **Tools** > **Traffic Drilldown**), it will display the Prefix or ASN Breakdown type you previously selected. Previously, the Traffic Drilldown tool would default to the ASN Breakdown type.
Crosswork Cloud Traffic Analysis	Bug Fix	CCTA-10097	Colors have been corrected in the Traffic Analysis line graphs.
Crosswork Cloud Trust Insights	Bug Fix	CCTI-10100	The Policy Details page no longer lists devices that are not being tracked.
Crosswork Cloud Trust Insights	Bug Fix	CCTI-10164	The Trust Insights Crosswork Data Gateway page (▤ > **Configure** > **Data Gateways**) no longer shows Trust Analysis.
Crosswork Cloud Trust Insights	Bug Fix	CCTI-9716	When adding files to the Trust Insights Known Good Files list (▤ > **Configure** > **Known Good Files** > **Add Files**), Traffic Analysis devices no longer appear as an option to select from.
Crosswork Data Gateway	New Feature	NA	Support for Crosswork Data Gateway 6.0.1. This release includes the following new features: • Auto enroll Crosswork Data Gateway with Crosswork Cloud • Ability to configure multiple Syslog servers • Option to modify the interface address • Auto-configuration functionality to deploy Crosswork Data Gateway • Support to assign roles to the vNICs For more information about the new features see Cisco Crosswork Data Gateway 6.0.1 Release Notes for Cloud Applications For information on how to deploy and manage Crosswork Data Gateways for Crosswork Cloud see Manage Crosswork Data Gateways.

2024-01-10

Table 16: New Feature Released on 2024-01-10.

Product	Type	Unique Identifier	Description
Cisco Crosswork Cloud	Bug Fix	CCLD-8495	You will no longer receive an error message when accessing the API Help and Documentation page ([?] > **Documentation** > **APIs** or Cisco Crosswork Cloud REST API Documentation).
Crosswork Cloud Trust Insights	Bug Fix	CCTI-10048	On clicking the device name in the Trust Insights Device Connectivity or Gateway Connectivity alarm page ([icon] > **Configure** > **Policies** > **Device Connectivity** or **Gateway Connectivity** > **Details** > **Monitored Devices** > *device-name*), the Traffic details page is no longer displayed.
Crosswork Cloud Traffic Analysis	New Feature	CCTA-10090	Added the support for flowd to use either automatic (default) or a manually configured sampling rate for Netflow, by adding the **Netflow Sampling Rate Override** field ([icon] or [icon] > **Devices** > **Add Device** > Toggle **Advanced Settings** to **ON**). If the sampling rate is null or 0, the mode is automatic and flowd uses the sampling rate provided by the router. When set to any positive value, flowd ignores the routers provided sampler (if any) and use the configured sampling rate. The maximum value that you can enter is 250,000.
Crosswork Cloud Traffic Analysis	Bug Fix	CCTA-10091	The Gateway Connectivity alarms are now correctly displayed on the Policies page ([icon] > **Configure** > **Policies**).

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 Supported Devices and Cisco IOS XR Software

Crosswork Cloud Trust Insights supports the following software:

- Cisco Crosswork Data Gateway

- Cisco 8000, Cisco NCS 5500, Cisco NCS 540, Cisco NCS 540 (LNT), and Cisco ASR 9000 series devices running *Cisco IOS XR 7.3.1 or later*

The following Cisco IOS XR versions have been validated to work with Crosswork Cloud Trust Insights:

- 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 and 7.9.2

- 7.10.x

- 7.11.x

- 24.2.x

Requirement to Enable Fingerprinting

Starting with Cisco IOS XR 24.3.x, fingerprinting has been disabled by default. You must enable fingerprinting. For example:.

```
ios(config)#install fingerprints frequency <num>
```

where *<num>* can be any value between 1-12 and indicates the frequency of fingerprint generation in hours.

Integrate Cisco IOS XR with Crosswork Cloud Trust Insights

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

Table 17: Related Cisco IOS XR Documentation

Platform	Configuration	Command Reference
Cisco 8000 Series Routers	Release 24.x.x Release 7.11.x Release 7.10.x Release 7.9.x Release 7.8.x Release 7.7.x Release 7.5.x Release 7.3.x	All releases

Platform	Configuration	Command Reference
Cisco NCS 5500 Series Routers	Release 24.x.x Release 7.11.x Release 7.10.x Release 7.9.x Release 7.8.x Release 7.7.x Release 7.6.x Release 7.5.x Release 7.4.x Release 7.3.x	All releases
Cisco NCS 540 Series Routers	Release 24.x.x Release 7.11.x Release 7.10.x Release 7.9.x Release 7.8.x Release 7.7.x Release 7.6.x Release 7.5.x Release 7.4.x Release 7.3.x	All releases
Cisco ASR 9000 Series Routers	Release 24.x.x Release 7.11.x Release 7.10.x Release 7.9.x Release 7.8.x Release 7.7.x Release 7.6.x Release 7.5.x Release 7.4.x Release 7.3.x	All releases

For more information on Cisco routers, see the following platform documentation:

- 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*).