

Release Notes for Cisco Catalyst Center, Release 3.1.5



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Catalyst Center, Release 3.1.5

Cisco Catalyst Center is a comprehensive network management solution with functionality that spans all aspects of modern network management, including design, discovery, policy, provisioning, predictive analytics, intelligent monitoring, visibility, and compliance. Catalyst Center includes built-in automation and simplified workflows to help ensure efficiency and consistency in operations.

This document describes the features, limitations, and bugs for Catalyst Center, Release 3.1.5.

Note: Catalyst Center 3.1.5 is available in a phased rollout. Contact your Cisco sales representative to request access to this release.

Table 1. Change history to this document since its initial release

Date	Change	Location
2025-09-30	Initial release	–

New software features

Package versions in Catalyst Center 3.1.5

Table 2. Package versions in Catalyst Center 3.1.5

Package name	Release 3.1.5
Release build version	
Release version	3.1.5-75246
System updates	
System	3.1.175
System Commons	2.732.65542
System Addons	0.10.51
Package updates	
Access Control Application	2.732.65542
AI Endpoint Analytics	1.11.1708
AI Network Analytics	4.0.34
Application and Service Remediation	3.15.24
Application Hosting	2.3.325091505
Application Visibility and Policy	2.732.117669
Assurance	3.150.171
Assurance – Sensor	3.150.151

Package name	Release 3.1.5
Automation - Intelligent Capture	2.732.65542
Automation - Sensor	2.732.65542
Catalyst Center API Catalog	6.8.103
Catalyst Center Gateway Service	0.10.8-3
Cisco Catalyst Center Global Search	6.9.4
Cisco Catalyst Center Platform	6.9.54
Cisco Catalyst Center UI	3.5.147
Cisco Identity Services Engine Bridge	3.150.3
Cisco Umbrella	2.732.595019
Cloud Connectivity	6.10.15
Cloud Connectivity - Contextual Content	7.0.9
Cloud Connectivity - Digestor	7.0.5
Core Platform	0.10.219
Disaster Recovery	2.732.365035 Note: This package is available only for the on-premises hardware appliance, not for the virtual appliance.
Cloud-Connectivity-Datahub	6.10.29
Group Based Policy Analytics	3.150.11
Identity and Access Management	5.4.57
Identity and Access Management - UI	5.4.32
Multiple Cisco Catalyst Center	2.732.65542
Network Controller Platform	2.732.65542
Network Data Platform - Base Analytics	3.150.100247
Network Data Platform - Caching Infra	6.6.12
Network Data Platform - Core	6.6.131
Network Data Platform - Ingestion Infra	6.6.16
Network Data Platform - Manager	6.6.101
Network Data Platform - Pipeline Infra	6.6.132

Package name	Release 3.1.5
Network Data Platform - Storage Management	6.6.52
RCA-Scripts Package	0.5.7
Rogue and aWIPS	3.1.206
SD Access	2.732.65542
Shared Managed Services	0.10.21
Stealthwatch Security Analytics	2.732.1095171
Support Services	2.732.885199
System Management Operations	1.6.56
Telemetry	4.7.20
Wide Area Bonjour	2.732.755008

Disaster Recovery witness

The Disaster Recovery witness is available as a separate OVA file for Catalyst Center. Its version number is 2.1.732.370017.

Catalyst Center

Table 3. New and changed features in Catalyst Center 3.1.5

Product impact	Feature	Description
Base functionality	Rule-Based Compliance Policies	Catalyst Center enables you to create custom configuration rules and policies that it periodically evaluates across the network to detect violations.
	Overlapping IP address pools	Catalyst Center allows you to enable overlapping for the CIDR subnet of an IP address pool, which provides more flexibility when assigning IP addresses dynamically.

Cisco Catalyst Assurance

Table 4. New and changed features in Cisco Catalyst Assurance 3.1.5

Product impact	Feature	Description
Base functionality	Enhancements to dashboards	Enhanced capability to define the scope and configure specific filters for client and network template dashboards.

Catalyst Center platform

Table 5. New and changed features in Catalyst Center platform 3.1.5

Product impact	Feature	Description
Base functionality	API Operations	<p>Catalyst Center platform supports new API operations.</p> <p>For more information, see “New and changed information” in the Cisco Catalyst Center Platform User Guide.</p> <p>For detailed information about the API operations, see the Cisco Catalyst Center APIs on Cisco DevNet.</p>

Catalyst Center Automation

Table 6. New and changed features in Catalyst Center Automation 3.1.5

Product impact	Feature	Description
Base functionality	Support for OS licenses	<p>Catalyst Center supports OS Essentials and OS Advantage perpetual device licenses for these switches:</p> <ul style="list-style-type: none"> • Cisco C9610 Series Smart Switches • Cisco C9350 Series Smart Switches <p>Enhancements to the License Manager window for OS licenses:</p> <ul style="list-style-type: none"> • Overview tab: displays information about the purchased, used, and available OS licenses. • Licenses tab: displays the number of total, expiring, and noncompliant OS licenses. • Devices tab: the procedure for change license level is enhanced to support OS license conversion and removal. <p>During the PnP onboarding of these switches, you can now select OS Essentials or OS Advantage stack license level from the Select a License Level drop-down list.</p>
Ease of use	Enhancements to cloning Per-Device Configurations across multiple wireless controllers	<p>Catalyst Center supports cloning these Per-Device Configuration features from another Cisco Catalyst 9800 Series Wireless Controller:</p> <ul style="list-style-type: none"> • Flex profiles • RF profiles • Site tags

Cisco Software-Defined Access

Table 7. New and changed features in Cisco Software-Defined Access 3.1.5

Product impact	Feature	Description
Base functionality	Support for IE3500 and IE3500H as fabric edge	<p>Catalyst Center supports Cisco Catalyst IE3500 and 3500H configured as fabric edge nodes in a campus fabric.</p> <p>Campus fabric provides the basic infrastructure for building virtual networks based on policy-based segmentation constructs.</p> <p>Fabric edge devices</p> <ul style="list-style-type: none"> • provide connectivity to users and devices that connect to the fabric domain • identify and authenticate endpoints • register endpoint ID information in the fabric host-tracking database, and • encapsulate at ingress and unencapsulate at egress to forward traffic to and from endpoints connected to the fabric domain.

Changes in behavior

Table 8. Changes in behavior in Catalyst Center 3.1.5

Change	Description
Minimum periodic resync interval increases to 6 hours	The minimum periodic resync interval (both per device and global) has been increased from 25 minutes to 6 hours to improve performance and optimize resource allocation. <ul style="list-style-type: none">Any device with a resync interval of less than 6 hours will automatically have its interval increased to the new minimum of 6 hours.Devices already configured with a resync interval of 6 hours or longer will remain unchanged.If the global resync interval is set to less than 6 hours, it will be increased to 6 hours. If the global resync interval is already 6 hours or more, it will remain unchanged.
Mobility configuration option removed from Per-Device Configuration for a Cisco Catalyst 9800 Series Wireless Controller	In the left pane of the device details window for a Cisco Catalyst 9800 Series Wireless Controller with Per-Device Configuration enabled, the Mobility option under Global Wireless Configurations and these tabs are removed: <ul style="list-style-type: none">Global ConfigurationPeer Configuration

Deprecated features

Table 9. Deprecated features in Catalyst Center 3.1.5

Feature	Description
Support for Cisco Umbrella	Catalyst Center will deprecate and discontinue support for Umbrella in an upcoming release. Data collected for Umbrella will be permanently deleted from Catalyst Center.

Resolved issues

You can use the [Cisco Bug Search Tool](#) to search for a specific bug or to search for all resolved bugs in this release.

Open issues

You can use the [Cisco Bug Search Tool](#) to search for a specific bug or to search for all open bugs in this release.

To search for a documented Cisco product issue, type in the browser: <bug_number> site:cisco.com

Known issues

Table 10. Guidelines and limitations for Catalyst Center 3.1.5

Feature	Description
Guidelines	
Stealthwatch Security Analytics	If you are upgrading from Release 2.3.7.x to 3.1.x, you must have Write permissions for Stealthwatch to provision Stealthwatch Security Analytics on a device. With only Read permissions, you can't edit or provision the configurations. Update the permissions before or after the upgrade to enable editing and provisioning the configurations.

Feature	Description
Limitations	
Can't uninstall optional packages	Due to a known software issue (CSCwr13826) in Catalyst Center 3.1.5, Cisco has temporarily disabled the option to uninstall optional application packages. Optional packages can only be uninstalled by Cisco TAC. Open a service request with Cisco TAC for assistance.
Group-Based Policy Analytics	For Group-Based Policy Analytics, the summary for the 24-hour and 12-hour Sankey charts isn't available in <ul style="list-style-type: none"> • Catalyst Center on AWS • Catalyst Center on Azure, and • Catalyst Center on ESXi.
Network Reasoner	The Machine Reasoning Engine workflows are not supported on Catalyst 9350 and Catalyst 9610 devices.
In-product help	<ul style="list-style-type: none"> • Online help and Interactive Help are available in light mode only and don't support dark mode. • When you place the Interactive Help widget on the top-right, right-center, and bottom-right locations, if you hover your cursor beyond the right edge of the widget, the widget may flicker.

Compatibility

Catalyst Center compatibility matrix

For information about devices—such as routers, switches, and wireless APs—and software releases supported by each application in Catalyst Center, see the [Cisco Catalyst Center Compatibility Matrix](#).

Cisco SD-Access compatibility matrix

For information about Cisco SD-Access hardware and software support for Catalyst Center, see the [Cisco Software-Defined Access Compatibility Matrix](#).

Compatible browsers

The Catalyst Center GUI is compatible with the following HTTPS-enabled browsers:

- Google Chrome: Version 93 or later.
- Mozilla Firefox: Version 92 or later.

Screen resolution:

- Minimum: 1368 x 768 pixels
- Recommended: 1920 x 1080 pixels

We recommend that the client systems you use to log in to Catalyst Center be equipped with 64-bit operating systems and browsers with internet access to the *.cisco.com domain.

Supported upgrade paths

For information about upgrading your current release of Catalyst Center, see the [Cisco Catalyst Center Upgrade Guide](#).

Before you upgrade, use the Validation Tool to perform an appliance health and upgrade readiness check for Catalyst Center. Choose the **Appliance Infrastructure Status** and **Upgrade Readiness Status** validation sets for running preupgrade checks. For more information, see "Use the Validation Tool" in the "Configure System Settings" chapter of the [Cisco Catalyst Center Administrator Guide](#).

Scalability

Catalyst Center scale

For Catalyst Center scale numbers, see the [Cisco Catalyst Center Data Sheet](#).

Support for the Web Content Accessibility Guidelines 2.1 standard

Catalyst Center supports the Web Content Accessibility Guidelines (WCAG) 2.1 standard for the AA conformance level, with these limitations:

Table 11. WCAG 2.1 standard for the AA conformance level and limitations

WCAG success criterion	Support	Limitations
1.2.4: Captions (Live)	Not Supported	—
1.2.5: Audio Description (Prerecorded)	Not Supported	—
1.3.4: Orientation	Not Supported	—
1.3.5: Identify Input Purpose	Supported	—
1.4.3: Contrast (Minimum)	Supported	—
1.4.4: Resize Text	Supported	—
1.4.5: Images of Text	Supported	—
1.4.10: Reflow	Supported	—
1.4.11: Non -Text Contrast	Supported	—
1.4.12: Text Spacing	Supported	—
1.4.13: Content on Hover or Focus	Supported	—
2.4.5: Multiple Ways	Supported	—
2.4.6: Headings and Labels	Supported	—
2.4.11: Focus Appearance (Minimum)	Supported	—
2.5.7: Dragging Movements	Partially Supported	Dashboard partially supports drag and drop due to third-party library limitations.
2.5.8: Target Size (Minimum)	Supported	—
3.1.2: Language of Parts	Supported	—
3.2.3: Consistent Navigation	Supported	—
3.2.4: Consistent Identification	Supported	—
3.3.3: Error Suggestion	Supported	—

WCAG success criterion	Support	Limitations
3.3.4: Error Prevention (Legal, Financial, Data)	Not Supported	—
3.1.2: Language of Parts	Supported	—
3.2.3: Consistent Navigation	Supported	—
3.2.4: Consistent Identification	Supported	—
3.3.3: Error Suggestion	Supported	—
3.3.4: Error Prevention (Legal, Financial, Data)	Not Supported	—

Supported hardware

Supported hardware appliances

Cisco delivers Catalyst Center in the form of a rack-mountable, physical appliance. These versions of the Catalyst Center appliance are available:

- Second generation
 - 44-core appliance: DN2-HW-APL (Cisco UCS C220 M5)
 - 44-core promotional appliance: DN2-HW-APL-U (Cisco UCS C220 M5)
 - 56-core appliance: DN2-HW-APL-L (Cisco UCS C220 M5)
 - 56-core promotional appliance: DN2-HW-APL-L-U (Cisco UCS C220 M5)
 - 112-core appliance: DN2-HW-APL-XL (Cisco UCS C480 M5)
 - 112-core promotional appliance: DN2-HW-APL-XL-U (Cisco UCS C480 M5)
- Third generation
 - 32-core appliance: DN3-HW-APL (Cisco UCS C220 M6)
 - 56-core appliance: DN3-HW-APL-L (Cisco UCS C220 M6)
 - 80-core appliance: DN3-HW-APL-XL (Cisco UCS C240 M6)

Statement of volatility

For the statement of volatility for the physical appliances, see the [Statement of Volatility for Cisco UCS Hardware](#).

Supported virtual appliances

Catalyst Center 3.1.5 is supported for deployment as a virtual appliance (VA) only on Amazon Web Services (AWS) or Microsoft Azure in the cloud, or on VMware ESXi for on-premises environments. Neither Catalyst Center nor Cisco TAC can provide support for any issues, bugs, or unexpected behavior that occur in environments that use other hypervisors.

Supported firmware

Catalyst Center 3.1.5 has been validated only against these firmware versions:

- Cisco IMC Version 4.3(2.240077) for appliance model DN2-HW-APL, DN2-HW-APL-L, DN2-HW-APL-XL
- Cisco IMC Version 4.3(5.250030) for appliance model DN3-HW-APL, DN3-HW-APL-L, DN3-HW-APL-XL

Update the Cisco IMC firmware

To update your Cisco IMC firmware, first see the [release notes](#) for the corresponding release of Catalyst Center that you are installing. In the release notes, the “Supported Firmware” section shows the Cisco IMC firmware version for your Catalyst Center release.

Then, see the [Cisco Host Upgrade Utility User Guide](#) for instructions on updating the firmware.

In a three-node cluster configuration, we recommend that you shut down all three nodes in the cluster before updating the Cisco IMC firmware. However, you can upgrade the cluster nodes individually if that's what you prefer. See “Typical Cluster Node Operations” in the [Cisco Catalyst Center High Availability Guide](#) and follow the steps provided to shut down one or all of the nodes for maintenance.

Related resources

See [Cisco Catalyst Center Documentation](#) for additional documents relating to Catalyst Center.

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