Release Notes for Cisco DNA Center Platform, Release 2.3.2.x

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Release Notes for Cisco DNA Center Platform, 2.3.2.x

This document describes the features, limitations, and bugs for the Cisco DNA Center platform, 2.3.2.x.

Change History

The following table lists the changes in this document since its initial release.

Table 1: Document Change History

Date	Change	Location
2022-05-25	Added a new section: What's New in the Cisco DNA Center Platform, 2.3.2.3.	What's New in the Cisco DNA Center Platform, 2.3.2.3, on page 2
	Added a new section: Open Bugs for the Cisco DNA Center Platform, 2.3.2.3.	Open Bugs for the Cisco DNA Center Platform, 2.3.2.3, on page 6
	Added a new section: Resolved Bugs for the Cisco DNA Center Platform, 2.3.2.3.	Resolved Bugs for the Cisco DNA Center Platform, 2.3.2.3, on page 6
2021-12-15	Initial release.	—

Overview

Cisco DNA Center provides an extensible platform that Cisco customers and partners can use to create value-added applications that can be built on top of its native capabilities. You can leverage the following Cisco DNA Center platform features to enhance the overall network experience by optimizing end-to-end IT processes, reducing Total Cost of Ownership (TCO), and developing new value networks:

- Intent APIs

- Integration Flows

- Events and Notification Services

What's New in the Cisco DNA Center Platform, 2.3.2.3

This release resolves several bugs to improve the performance and stability of the Cisco DNA Center platform. For additional information, see Resolved Bugs for the Cisco DNA Center Platform, 2.3.2.3, on page 6.

What's New in the Cisco DNA Center Platform, 2.3.2.0

The following are the new features and functionalities for the Cisco DNA Center platform, 2.3.2.0.

New API Features

Cisco SD-Access API

This Cisco DNA Center platform release supports new options in the **SDA** API to get, add, and delete the list of Cisco SD-Access devices:

- GET <cluster-ip>/dna/intent/api/v1/business/sda/multicast

  Use this API to get multicast details from the SDA fabric.

- POST <cluster-ip>/dna/intent/api/v1/business/sda/multicast

  Use this API to add multicast in the SDA fabric.

- DELETE <cluster-ip>/dna/intent/api/v1/business/sda/multicast

  Use this API to delete multicast from the SDA fabric.

To access the new **SDA** API, click the menu icon (☰) and choose **Platform** > **Developer Toolkit** > **APIs**.

Expand the **Connectivity** drop-down list and choose **SDA**.

LAN Automation API

- This Cisco DNA Center platform release supports new options in the **LAN Automation** API to perform LAN automation operations:

  - GET <cluster-ip>/dna/intent/api/v1/lan-automation/log/${id}

    Use this API to get the LAN automation session logs based on the given LAN automation session ID.

  - GET <cluster-ip>/dna/intent/api/v1/lan-automation/status/${id}

    Use this API to get the LAN automation session status based on the given LAN automation session ID.

  - GET <cluster-ip>/dna/intent/api/v1/lan-automation/log

    Use this API to get the LAN automation session logs.

  - GET <cluster-ip>/dna/intent/api/v1/lan-automation/status

    Use this API to get the LAN automation session status.

  - GET <cluster-ip>/dna/intent/api/v1/lan-automation/count

    Use this API to get the total count of LAN automation sessions.

  - POST <cluster-ip>/dna/intent/api/v1/lan-automation

Use this API to start LAN automation for the given site.

- DELETE <cluster-ip>/dna/intent/api/v1/lan-automation/${id}

Use this API to stop LAN automation for the given site.

- This Cisco DNA Center platform release support an enhancement in the **Upload API** that allows you to upload the LAN automation files.

  - Post <cluster-ip>/dna/intent/api/v1/file/{namespace}

  Use this API to upload the LAN automation files via Cisco DNA Center platform.

To access the new **LAN Automation** API, click the menu icon (≡) and choose **Platform** > **Developer Toolkit** > **APIs**.

Expand the **Site Management** drop-down list and choose **LAN Automation**.

Devices API

This Cisco DNA Center platform release supports new options in the **Devices** API to perform devices operations:

- GET <cluster-ip>/dna/intent/api/v1/interface/${interfaceUuid}/legit-operation

  Get the list of all properties & operations valid for an interface.

- PUT <cluster-ip>/dna/intent/api/v1/interface/${interfaceUuid

  Add/Update interface description, VLAN membership, and change interface admin status (UP/DOWN) from request body.

- POST <cluster-ip>/dna/intent/api/v1/interface/${interfaceUuid}/operation

  Clear Mac-Address on an individual port. In request body, operation needs to be specified as 'ClearMacAddress'.

To access the new **Devices** API, click the menu icon (≡) and choose **Platform** > **Developer Toolkit** > **APIs**.

Expand the **Know Your Network** drop-down list and choose **Devices**.

New ITSM Integration Features

Endpoint Attribute Retrieval with ITSM (ServiceNow) Bundle

- With this release, the **Endpoint Attribute Retrieval with ITSM (ServiceNow)** bundle does not require Management, Instrumentation, and Discovery (MID) server setup.

- For the **Recurring** schedule-based integration flow, you can now set the repeating interval for the **Endpoint Attribute Retrieval with ITSM (ServiceNow)** bundle on an hourly basis.

For more information, see **Cisco DNA Center Endpoint Attribute Retrieval with ServiceNow** in the Cisco DNA Center ITSM Integration Guide.

ServiceNow Cisco DNA Center App Support

ServiceNow Cisco DNA Center app support is extended for the **Quebec**, **Paris**, **Orlando**, and **Rome** versions.

New Reports GUI Features

The Cisco DNA Center platform support is extended for the following enhancements in the **AP Radio** report:

- Cisco DNA Center support is extended for sorting and top N filter in existing AP Radio report that allows you to identify and capture the metrics of busiest AP radio.

  The AP radio report data displays the number of rows equals to the number of radios in an AP.

- In the **Setup Report Scope** page, **Sort by** filter supports the following options:

  - AP Name

  - Max Radio Utilization

  - Max Tx Utilization

  - Max Rx Utilization

  - Max Client Count

- **Select File Type** page, the following new fields are added:

  - WLC IP Address

  - Max TX Utilization (%)

  - Max RX Utilization (%)

- Supported report file formats include **CSV**, **TDE**, and **JSON**.

For more information about creating reports, see the Cisco DNA Center Platform User Guide.

Performance and Stability Improvements

Resolution of several bugs that enhances the performance and stability of the Cisco DNA Center platform.

Cisco DNA Center Scale

For Cisco DNA Center scale numbers, see the *Cisco DNA Center Data Sheet*.

Install the Cisco DNA Center Platform

When installing Cisco DNA Center, 2.3.2.x, you also install the Cisco DNA Center platform, 2.3.2.x. A separate installation procedure for the Cisco DNA Center platform is no longer required. For information about installing Cisco DNA Center, see the Cisco DNA Center Installation Guide.

After the installation, click the **Platform** link in the slide-in pane to access the Cisco DNA Center platform. The Cisco DNA Center platform is accessible to a user with a SUPER-ADMIN-ROLE. You can log in and view the Cisco DNA Center platform, as well as perform actions through its GUI after logging in as a user with a SUPER-ADMIN-ROLE. The NETWORK-ADMIN-ROLE and the OBSERVER-ROLE have more limited and restricted capabilities with the Cisco DNA Center platform.

Note   If you have already installed an earlier version of the Cisco DNA Center platform, you can also upgrade to the most recent release by upgrading your current Cisco DNA Center release to 2.3.2.x. A separate upgrade procedure for the Cisco DNA Center platform is no longer required.

Configure Integration Settings

In cases where firewalls or other rules exist between Cisco DNA Center and any third-party apps that need to reach the Cisco DNA Center platform, you must configure **Integration Settings**. These cases occur when the IP address of Cisco DNA Center is internally mapped to another IP address that connects to the internet or an external network.

Important   After a backup and restore of Cisco DNA Center, you must access the **Integration Settings** window and update (if necessary) the **Callback URL Hostname** or **IP Address** using this procedure.

Before you begin

You have installed the Cisco DNA Center platform as described in the previous section.

Procedure

Step 1   Click the menu icon (≡) and choose **System** > **Settings** > **System Configuration** > **Integration Settings**.

Step 2   Enter the **Callback URL Hostname** or **IP Address** that the third-party app needs to connect to when communicating with the Cisco DNA Center platform.

Note   The **Callback URL Hostname** or **IP Address** is the external facing hostname or IP address that is mapped internally to Cisco DNA Center. Configure the VIP address for a three-node cluster setup.

Step 3   Click **Apply**.

Upgrade the Cisco DNA Center Platform

You can upgrade to Cisco DNA Center platform, 2.3.2.x from an earlier release by upgrading to Cisco DNA Center, 2.3.2.x. A separate upgrade procedure for the Cisco DNA Center platform is no longer required. For information about upgrading Cisco DNA Center, see the Cisco DNA Center Upgrade Guide.

Note   The Cisco DNA Center platform is accessible to a user with a SUPER-ADMIN-ROLE. You can log in and view the Cisco DNA Center platform, as well as perform actions through its GUI after logging in as a user with a SUPER-ADMIN-ROLE. The NETWORK-ADMIN-ROLE and the OBSERVER-ROLE have more limited and restricted capabilities with the Cisco DNA Center platform.

Bugs

Open Bugs for the Cisco DNA Center Platform, 2.3.2.3

The following table lists open bugs for the Cisco DNA Center platform for this release.

Table 2: Opens Bugs for Cisco DNA Center Platform, 2.3.2.3

Bug ID Number	Headline
CSCwb17474	When you fresh install Cisco DNA Center setup and click **Test** to validate the email after setting the primary SMTP server including sender and receiver, Cisco DNA Center fails to validate the email and displays the following error message: `Creating email session failed for PrimarySMTPConfig` **Workaround**: There is no workaround at this time.
CSCwb30314	When you implement the ticket in ServiceNow, Cisco DNA Center displays the ticket pending status and later the ticket fails to implement. **Workaround**: There is no workaround at this time.

Open Bugs for the Cisco DNA Center Platform, 2.3.2.0

The following table lists open bugs for the Cisco DNA Center platform for this release.

Table 3: Opens Bugs for Cisco DNA Center Platform, 2.3.2.0

Bug ID Number	Headline
CSCvz60273	In the Cisco DNA Center platform, FieldGroup name is missing in .csv file reports **Workaround**: There is no workaround at this time.
CSCvp28585	The Cisco DNA Center platform displays the following error, when you generate the report for SWIM: • Sorry, this report failed because the operation timed out. **Workaround**: There is no workaround at this time.
CSCvz86876	When you save a notification to include a new event, the Cisco DNA Center platform does not prompt you to fill the required off-screen WebEx token field. **Workaround**: There is no workaround at this time.

Resolved Bugs for the Cisco DNA Center Platform, 2.3.2.3

The following table lists the resolved bugs for the Cisco DNA Center platform, 2.3.2.3.

Table 4: Resolved Bugs for the Cisco DNA Center Platform, 2.3.2.3

Bug ID Number	Headline
CSCwa16652	When you generate a report manually, in the Location name field when you choose Scope, Cisco DNA Center displays only Global Services option and does not allow you to choose any other location.

Resolved Bugs for the Cisco DNA Center Platform, 2.3.2.0

The following table lists resolved bugs for the Cisco DNA Center platform for this release.

Table 5: Resolved Bugs for Cisco DNA Center Platform, 2.3.2.0

Bug ID Number	Headline
CSCvx41364	Cisco DNA Center platform and DR data on Mongodb hosting application stack results the following in MongoDB store. • Increased backup size • Increased restore time • In an HA environment, the downstream/secondary instances may fail to sync with the primary MongoDB instance and causes the MongoDB instances to degrade into CrashLoopBackOff states.
CSCvx93717	The Client Detail, Client Session, and AP Radio report may fail to run/timeout or return to no data in Cisco DNA Center when you set the time frame of report for one month.
CSCvy72489	Cisco DNA Center may encounter errors while attempting to integrate with ServiceNow over its business API. The errors are not displayed in the Cisco DNA Center GUI but the systems does not exchange any data.
CSCvz61107	Cisco DNA Center may fail to save the email parameters after the first entry in the destinations.

Limitations and Restrictions

The following sections describe the limitations and restrictions for this release.

IP Address Manager Integration

The following are the limitations and workarounds for IP Address Manager integration with Cisco DNA Center:

• Infoblox:

  • Infoblox does not expose a name attribute; therefore, the comment field in Infoblox is populated by the IP pool name during a sync.

- For a pool import, the first 50 characters of the comment field are used. If there are spaces in the comments, they are replaced by underscores.

- If an IP pool name is updated for an imported pool, the comments are overwritten and the new name is reflected.

- BlueCat: There are no limitations identified with BlueCat integration at this time.

Reports

Reports with significant data can sometimes fail to generate in the Cisco DNA Center platform. If this occurs, we recommend that you use filters to reduce the report size to prevent such failures.

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 DevNet.

- 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 gateway to the Cisco bug-tracking system, which maintains a comprehensive list of defects and vulnerabilities in Cisco products and software. The 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.

Cisco DNA Center Platform Resources and Documentation

The following table lists the resources and documentation that you can use when working with the Cisco DNA Center platform.

Table 6: Cisco DNA Center Platform Resources and Documentation

Resource	Link
Cisco DNA Center Platform User Guide Use this guide when working with the Cisco DNA Center platform GUI.	Cisco DNA Center Platform User Guide
Cisco DNA Center ITSM Integration Guide Use this guide with working with the Cisco DNA Center platform and ServiceNow.	Cisco DNA Center ITSM Integration Guide

Resource	Link
Cisco DNA Center Platform Overview Use this resource to access overview information about intent APIs and integration APIs.	Cisco DNA Center Platform Overview
Getting Started with the Cisco DNA Center Platform Intent API Use this resource when working with the intent APIs and the Cisco DNA Center platform.	Getting Started with the Cisco DNA Center Platform Intent API
Cisco Code Exchange Code repositories related to Cisco technologies.	Cisco Code Exchange

Related Documentation

We recommend that you read the following documents relating to Cisco DNA Center.

For This Type of Information...	See This Document...
Release information, including new features, limitations, and open and resolved bugs.	Cisco DNA Center Release Notes
Installation and configuration of Cisco DNA Center, including postinstallation tasks.	Cisco DNA Center Installation Guide
Upgrade information for your current release of Cisco DNA Center.	Cisco DNA Center Upgrade Guide
Use of the Cisco DNA Center GUI and its applications.	Cisco DNA Center User Guide
Configuration of user accounts, security certificates, authentication and password policies, and backup and restore.	Cisco DNA Center Administrator Guide
Security features, hardening, and best practices to ensure a secure deployment.	Cisco DNA Center Security Best Practices Guide
Supported devices, such as routers, switches, wireless APs, and software releases.	Cisco DNA Center Compatibility Matrix
Hardware and software support for Cisco SD-Access.	Cisco SD-Access Compatibility Matrix
Use of the Cisco DNA Assurance GUI.	Cisco DNA Assurance User Guide
Use of the Cisco DNA Center platform GUI and its applications.	Cisco DNA Center Platform User Guide
Cisco DNA Center platform release information, including new features, deployment, and bugs.	Cisco DNA Center Platform Release Notes
Use of the Cisco Wide Area Bonjour Application GUI.	Cisco Wide Area Bonjour Application User Guide
Use of the Stealthwatch Security Analytics Service on Cisco DNA Center.	Cisco Stealthwatch Analytics Service User Guide
Use of Rogue Management functionality as a dashboard within Cisco DNA Assurance in the Cisco DNA Center GUI.	Cisco DNA Center Rogue Management Application Quick Start Guide