Release Notes for Cisco Catalyst SD-WAN Control Components Release 20.15.x

First Published: 2024-08-27

Last Modified: 2024-09-25

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Note To achieve simplification and consistency, the Cisco SD-WAN solution has been rebranded as Cisco Catalyst SD-WAN. In addition, from Cisco IOS XE SD-WAN Release 17.12.1a and Cisco Catalyst SD-WAN Release 20.12.1, the following component changes are applicable: **Cisco vManage** to **Cisco Catalyst SD-WAN Manager**, **Cisco vAnalytics** to **Cisco Catalyst SD-WAN Analytics**, **Cisco vBond** to **Cisco Catalyst SD-WAN Validator**, **Cisco vSmart** to **Cisco Catalyst SD-WAN Controller**, and **Cisco Controllers** to **Cisco Catalyst SD-WAN Control Components**. See the latest Release Notes for a comprehensive list of all the component brand name changes. While we transition to the new names, some inconsistencies might be present in the documentation set because of a phased approach to the user interface updates of the software product.

Related References

- Cisco Catalyst SD-WAN Control Components Compatibility Matrix and Server Recommendations
- Cisco Catalyst SD-WAN Device Compatibility

User Documentation

- User Documentation for Cisco IOS XE Catalyst SD-WAN Release 17
- User Documentation for Cisco SD-WAN Release 20

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Release Notes for Cisco SD-WAN Control Components, Cisco Catalyst SD-WAN Manager Release 20.15.1

These release notes accompany the Cisco Catalyst SD-WAN Control Components, Release 20.15.x, which provides Cisco Catalyst SD-WAN capabilities. They include release-specific information for Cisco Catalyst SD-WAN Controllers, Cisco Catalyst SD-WAN Validators, Cisco SD-WAN Manager as applicable to Cisco Catalyst SD-WAN.

Related Releases

For release information about Cisco IOS XE Catalyst SD-WAN devices, refer to Release Notes for Cisco IOS XE Catalyst SD-WAN device, Cisco IOS XE Release 17.15.x.

What's New for Cisco Catalyst SD-WAN Manager Release 20.15.1

Cisco is constantly enhancing the Cisco Catalyst SD-WAN solution with every release and we try and keep the content in line with the latest enhancements. The following table lists new and modified features we documented in the Configuration, Command Reference, and Hardware Installation guides.

Table 1: Cisco Catalyst SD-WAN Manager Release 20.15.1

Feature	Description
Cisco Catalyst SD-WAN Monitor and Maintain	
Converged Cisco SD-WAN Manager and Cisco SD-WAN Analytics Dashboard	This feature introduces a converged dashboard in Cisco SD-WAN Manager that merges the monitoring and analytics capabilities from both Cisco SD-WAN Manager and Cisco SD-WAN Analytics. This converged dashboard displays management data from the Cisco SD-WAN Manager alongside analytical insights from Cisco SD-WAN Analytics, all within a single interface. To view a converged dashboard in Cisco SD-WAN Manager, Cisco SD-WAN Analytics must be onboarded into Cisco SD-WAN Manager.
Additional Report Types and Formats	This feature introduces several new report types, including Security reports, which are available in CSV or PDF format.
Additional Report Filters and Download Options	Generate new report types and download them in both PDF and CSV formats. The **My Reports** and the **Generate** report forms are updated to include additional report filters.
Cisco Catalyst SD-WAN Security	

Feature	Description
Share Traffic Information with Cisco Security Service Edge	Cisco SD-WAN Manager shares VPN and security group tag (SGT) information with Cisco Security Service Edge (SSE). This is called context information. SSE applies different policies to traffic based on the context information of the traffic.
Cisco Catalyst SD-WAN Systems and Interfaces	
Configure EtherChannels using Configuration Groups	With this feature you can configure EtherChannels on service and transport side using configuration groups.
Load Balancing for EtherChannels on Individual Port Channels	With this feature you can load balance EtherChannels for individual port channels on service and transport side using CLI templates.

Software and Hardware Behavior Changes in Cisco Catalyst SD-WAN Control Components Release 20.15.x

Software and Hardware Behavior Changes in Cisco Catalyst SD-WAN Manager Release 20.15.1

Behavior Change	Description
When configuring a configuration group for Cisco IOS XE Catalyst SD-WAN devices, to configure cellular connectivity, you can add a Cellular Profile. To add a Cellular Profile, open the Transport & Management Profile, add a Cellular Controller feature, then add a Cellular Profile as a child feature of Cellular Controller. The Cellular Profile includes fields for the authentication credentials to connect to a cellular network. When you enter a password in the Profile Password field, Cisco SD-WAN Manager encrypts the password. When you display the CLI commands that make up a device configuration in the configuration preview, Cisco SD-WAN Manager displays the password in its encrypted form, not as plain text.	See the Cellular Profile section.

Behavior Change	Description
There is a default RBAC role called security_operations. In Cisco Catalyst SD-WAN Manager Release 20.13.x and 20.14.x, this role included permission to enable or disable Cloud SaaS feeds. In Cisco Catalyst SD-WAN Manager Release 20.15.x, the security_operations role no longer has this permission.	See the Restrictions for Role Based Access Control section.
Updated the **aaa netconf-accounting** command with supported options.	See the aaa netconf-accounting command.

Software and Hardware Behavior Changes in Cisco IOS XE Catalyst SD-WAN Release 17.15.1a

Behavior Change	Description
Updated the **show platform software ipsec fp active flow** command output.	The output of the **show platform software ipsec fp active flow** has been modified. The flow ID now supports a range between 0 - 4294967295. See the show platform software ipsec fp active flow command.
Updated the SLA class threshold values.	See the SLA Classes section, which describes the new SLA class threshold values.
Updated the **request platform software sdwanadmin-tech** command with supported options.	See the request platform software sdwan admin-tech command.
Updated the Policy Object Profile section with the new behavior on pagination when there are more than 50 profiles.	See the Policy Object Profile section.
Updated the size limit of the organization name to the range 1 to 128 for the organization-name command and the size limit of the interface name to the range 1 to 31 for the interface command.	See the sp-organization-name (system) and interface sections.
Updated the Configure Device Values section with the change in configuration groups for rollback timer. Only the Cellular Gateway solution in the configuration groups supports the rollback timer.	See the Configure Device Values section.
Updated the View Cflowd Information section for the show sdwan app-fwd cflowd commands to include support for up to 4000 flow records for each monitor (IPv4 and IPv6) from the cflowd database.	See the View Cflowd Information section.
Updated the Configure BFD for Routing Protocols section to include that the BFDs on the tunnel interface are inactive if sdwan mode is not configured for the tunnel interface.	See the Configure BFD for Routing Protocols section.

Behavior Change	Description
Information about provider and tenant remote servers and images on Cisco SD-WAN Manager.	See the Provider and Tenant Remote Servers and Images section.
Configuration of devices in SDCI cloud gateway extension using configuration groups is not supported.	See the Information About Configuring Devices for AWS Integration Using Configuration Groups section.
The policer increases the burst value when the user-configured value is lower than the calculated value, to prevent congestion and ensure optimal performance.	See the Policer Burst Tolerance section.
A static IP address is assigned by default if you assign a private color to a WAN interface while configuring a site using the configuration group workflow.	See the Overview of Configuration Group Workflows section.
Updated the **Response Code End** field in the Hunt Stop Rules table for consistency.	See the Server Group section.
In Cisco IOS XE Catalyst SD-WAN Release 17.14.1a and earlier, click the **Send to Validator** button to send only the controller's serial number once to the Cisco Catalyst SD-WAN Validator.	See the Send the Controller Serial Numbers to Cisco Catalyst SD-WAN Validator section.

Important Notes, Known Behaviors, and Workarounds

Multi-Region Fabric

From Cisco IOS XE Catalyst SD-WAN Release 17.15.1a and Cisco Catalyst SD-WAN Control Components Release 20.15.1, configuration of Multi-Region Fabric secondary regions and subregions is supported only through API.

Cisco Catalyst SD-WAN Manager Upgrade Paths

For compatibility information and server recommendations, see Cisco Catalyst SD-WAN Controller Compatibility Matrix and Server Recommendations.

For information about Cisco SD-WAN Manager upgrade procedure, see Upgrade Cisco SD-WAN Manager Cluster.

Table 2: Upgrade Paths For Cisco Catalyst SD-WAN Control Components Releases 20.6.x and Later Releases

Starting Cisco SD-WAN Manager Version	Destination Version									
	20.6.x	20.7.x	20.8.x	20.9.x	20.10.x	20.11.x	20.12.x	20.13.x	20.14.x	20.15.x
20.6.x	Not Supported	Direct Upgrade	Direct Upgrade	Direct upgrade from 20.9.5.2						

Starting Cisco SD-WAN Manager Version	Destination Version									
	20.6.x	20.7.x	20.8.x	20.9.x	20.10.x	20.11.x	20.12.x	20.13.x	20.14.x	20.15.x
					Step upgrade from 20.6.1, 20.6.2, and 20.6.3 either to 20.6.4 or 20.9.5.2 or Direct upgrade from 20.9.5.2 and later releases. For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later.	Step upgrade from 20.6.1, 20.6.2, and 20.6.3 either to 20.6.4 or 20.9.5.2 or Direct upgrade from 20.9.5.2 and later releases. For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later.	Step upgrade from 20.6.1, 20.6.2, and 20.6.3 either to 20.6.4 or 20.9.5.2 or Direct upgrade from 20.9.5.2 and later releases. For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later.	Step upgrade from 20.6.1, 20.6.2, and 20.6.3 either to 20.6.4 or 20.9.5.2 or Direct upgrade from 20.9.5.2 and later releases. For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later.	Step upgrade from 20.6.1, 20.6.2, and 20.6.3 either to 20.6.4 or 20.9.5.2. or Direct upgrade from 20.9.5.2 and later releases. For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later.	Step upgrade from 20.6.1, 20.6.2, and 20.6.3 either to 20.6.4 or 20.9.5.2 or Direct upgrade from 20.9.5.2 and later releases. For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later.

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20.7.x	Not Supported	Not Supported	Direct Upgrade	Direct upgrade from 20.9.5.2	Step upgrade from 20.9.5.2 For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later.	Step upgrade from 20.9.5.2 For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later.	Step upgrade from 20.9.5.2 For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later.	Step upgrade from 20.9.5.2 For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later.	Step upgrade from 20.9.5.2 For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later.	Step upgrade from 20.9.5.2 For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later.

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20.8.x	Not Supported	Not Supported	Not Supported	Direct upgrade from 20.9.5.2	Step upgrade from 20.9.5.2 For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later.	Step upgrade from 20.9.5.2 For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later.	Step upgrade from 20.9.5.2 For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later.	Step upgrade from 20.9.5.2 For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later.	Step upgrade from 20.9.5.2 For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later.	Step upgrade from 20.9.5.2 For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later.

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20.9.x	Not Supported	Not Supported	Not Supported	Not Supported	Direct upgrade from 20.9.5.2 For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later.	Direct upgrade from 20.9.5.2 For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later.	Direct upgrade from 20.9.5.2 For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later.			

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								Direct upgrade from 20.9.5.2 For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later. • If your Cisco Catalyst SD-WAN Manager is running Cisco	Direct Upgrade from 20.9.5.2 For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later. • If your Cisco Catalyst SD-WAN Manager is running Cisco	Direct Upgrade from 20.9.5.2 For cluster upgrade procedure using CLI: **request nms configuration-db upgrade** **Note** We recommend the data base size in the disk is less than or equal to 5GB. Use the `request nms configuration-db diagnostic` command to check the data base size. This is applicable only for upgrades of devices running Cisco SD-WAN Manager Release 20.1.1 and later. • We recom • If you Catal

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									vManage Release 20.9.x and you are looking to upgrade to Cisco Catalyst SD-WAN Manager Release 20.12.x, we recommend you use the CLI mode of configuration for cluster upgrades. If Cisco Catalyst SD-WAN Manager UI is used for upgrading a cluster, the cluster's node process fails when the new partition is activated. Continue to use the Cisco Catalyst SD-WAN Manager UI and CLI for standalone Cisco SD-WAN Manager upgrades.	vManage Release 20.9.x and you are looking to upgrade to Cisco Catalyst SD-WAN Manager Release 20.12.x, we recommend you use the CLI mode of configuration for cluster upgrades. If Cisco Catalyst SD-WAN Manager UI is used for upgrading a cluster, the cluster's node process fails when the new partition is activated. Continue to use the Cisco Catalyst SD-WAN Manager UI and CLI for standalone Cisco SD-WAN Manager upgrades.	vManage Release 20.9.x an you are looking t upgrade t Cisco Catalyst SD-WAN Manager Release 20.12.x, w recomme you use t CLI mod configura for cluste upgrades Cisco Catalyst SD-WAN Manager UI is used fo upgradin cluster, th cluster's n process f when the partition activated Continue use the C Catalyst SD-WAN Manager and CLI f standalon Cisco SD-WAN Manager upgrades
20.10.x	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Direct Upgrade	Direct Upgrade	Direct Upgrade	Direct Upgrade	Direct Upgrade

Starting Cisco SD-WAN Manager Version	Destination Version									
	20.6.x	20.7.x	20.8.x	20.9.x	20.10.x	20.11.x	20.12.x	20.13.x	20.14.x	20.15.x
20.11.x	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Direct Upgrade	Direct Upgrade	Direct Upgrade	Direct Upgrade
20.12.x	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Direct Upgrade	Direct Upgrade	Direct Upgrade
20.13.x	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Direct Upgrade	Direct Upgrade
20.14	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Direct Upgrade

Note To check the free disk space using the CLI,

1. Use the vshell command to switch to vshell.
2. In vshell, use the df -kh | grep boot command.

Note The cluster upgrade must be performed using CLI,

- The **request nms configuration-db upgrade** upgrade procedure must be performed only on one node in the cluster.
- Enter login credentials, if prompted. Login credentials are prompted if all Cisco SD-WAN Manager server establish control connection with each other. After a successful upgrade, all configuration-db services are UP across the cluster and the application-server is started.Enter login credentials, if prompted. Login credentials are prompted if all Cisco SD-WAN Manager server establish control connection with each other. After a successful upgrade, all configuration-db services are UP across the cluster and the application-server is started.
- To upgrade the configration database and to determine the node that needs an upgrade, enter **request nms configration-db status** command on each of the nodes. In the output look for the following:

```
Enabled: true
Status: not running
```

Note After activating a new image on a Cisco SD-WAN Manager host server, the server reboots. After the reboot, for approximately 30 minutes, the output of the **request nms configuration-db status** command shows **Enabled: false** even on a node that has the configuration database enabled, while NMS services are being migrated to a containerized form. On the node to upgrade, as determined in the previous step, enter the following: **request nms configration-db upgrade**

Bugs for Cisco Catalyst SD-WAN Control Components Release 20.15.x

This section details all fixed and open bugs for this release. These are available in the Cisco Bug Search Tool through the Resolved Bug Search.

Bugs for Cisco Catalyst SD-WAN Control Components Release 20.15.x

Resolved Bugs for Cisco Catalyst SD-WAN Control Components Release 20.15.1

Identifier	Headline
CSCwj10872	Unable to upload the file by drag and drop function.
CSCwk32515	Delayed notification (webhook) when one of the Webhook server is unreachable.
CSCwj85252	Cisco VPN Interface IPsec template does not send selected parameters to device.
CSCwk37436	Region ID assignment from Network Hierarchy is not mapped to the CLI configuration.
CSCwk14972	Cisco SD-WAN Manager : Serviceproxy hitting UpstreamOverflow-503/RateLimited-429 causing GUI down issues.
CSCwk27179	OMP: Advertiser IPv4 EIGRP cannot configured by Configuration Group.
CSCwk74660	On-prem CSSM server with IPv6 address gives Error while fetching sa/va list RESTEASY004655.
CSCwj37051	Cisco SD-WAN Manager CLI template fails to attach to CG418-E/CG522-E with error "access-denied".
CSCwj87791	POST /template/device/cli Example is not accurate - apidocs.
CSCwi90351	Uuid in certificate CN checks are case-sensitive, request for uuid checks to be case-insensitive.
CSCwj06854	Cisco IOS XE Catalyst SD-WAN Release 17.14.x UX1.0 Config preview show partial output for Static NAT configuration (interface missing).
CSCwj38614	Cisco Catalyst SD-WAN Manager Release 20.13.x: Enforce software version (ZTP) selected version is not reflected after save.
CSCwk35796	Cisco SD-WAN Manager RealTime show commands display incorrect time when devices are configured with IST timezone.
CSCwi31443	Cisco vEdge device cannot resolve Cisco SD-WAN Validator after reboot for software activation.
CSCwj77440	Cisco SD-WAN Manager apidocs missing schema for some parcels.
CSCwj81863	The rest API uniqueAggregation and cellularAggregation need enahnce example and schema.
CSCwi52276	System crash rebooted with "Software initiated - zebra-1 (pid: 4221)"
CSCwk30596	Cisco SD-WAN Manager: Smart account sync API timeout increase.

Identifier	Headline
CSCwj58673	Cisco Catalyst SD-WAN Manager Release 20.14.x : 206 to 231 build. DR : Standby cluster. services One of the node do not start.
CSCwk39051	Validation Error when using public-internet or red color in custom topology policy.
CSCwk61142	Cisco SD-WAN Manager email alarms failing with SSL and TLS connecting to incorrect port 465.
CSCwk88478	VRRP default timer shows 1000ms in GUI but it show 100ms in preview and pushed 100ms to device.
CSCwi69833	Cisco SD-WAN Manager GUI SSH frontend sends too many requests to backend leading to timeouts, session closed.
CSCwk50045	Cisco SD-WAN Manager - ZTP doesn't permit to select a software.
CSCwj99812	Creating a new branch site on Cisco SD-WAN Manager network design using an old name is failing.
CSCwi87770	Custom rollback timer does not take effect.
CSCwj84723	Harden Cisco SD-WAN Manager certificate process.
CSCwj53683	Cisco SD-WAN Manager variables inconsistent for CSV export of device template.
CSCwk23323	Cisco SD-WAN Manager Cluster: When device is deleted from UI, the NCS entry does not get cleared on all nodes
CSCwj76609	Cisco SD-WAN Manager: Unexpected Reload when Modifying DNS Server Configuration
CSCwj57249	For event based alarms-missing event from device breaks Alarm logic-ReferCSCwj21640 Cisco SD-WAN Manager side fix.
CSCwk37757	Interface API Fails to Fetch Duplex State for Cisco IOS XE Catalyst SD-WAN device interfaces.
CSCwk22840	In 20.9.5.1, deleting the Disaster Recovery is not cleaning the database and the files.
CSCwj69758	On-Demand Tunnel is reported as down on Cisco SD-WAN Manager GUI for several hours.
CSCwk31416	Integration Management page in UI can't populate device list intermittently : rendering issue.
CSCwk27624	Control Policy is Programmed Incorrectly on Cisco SD-WAN Controller.
CSCwj89979	FIS - GUI UX Slowness - CSCwh28301.
CSCwk24904	CG522 - Data connection fails after a sim switchover.
CSCwk19371	Cisco SD-WAN Manager: Netconf errors and slow login.
CSCwc67155	Cisco SD-WAN Manager : HTTP proxy not using ICMP echo requests.

Identifier	Headline
CSCwk00758	Feature name description does not match feature name auto generated from color selected.
CSCwj89565	Template pushes are taking a lot of time for scale setup.
CSCwj87100	Cisco SD-WAN Manager : Looses the entity-ownership after upgrade.
CSCwi59683	MT Controllers - show control connection history doesn't list org name.
CSCwk70854	Evaluation of Cisco SD-WAN Validator for BlastRADIUS vulnerability.
CSCwk70903	BlastRADIUS - RADIUS Protocol impact - CVE-2024-3596.

Open Bugs for Cisco Catalyst SD-WAN Control Components Release 20.15.1

Identifier	Headline
CSCwm09317	Incorrect site deleted from sorted list Configuration > Policies > Edit Policy > Policy Application.
CSCwk09812	Cisco SD-WAN Manager upgrade to version 20.12.3 with 32vCPU on-prem High CPU alarms.
CSCwm08353	WANI App lists are shown in policy compliance check.
CSCwm09265	Server names - Asterisk is not required for custom applications.
CSCwk41441	Cisco SD-WAN Manager template push failed config pull with "Failed to finish the task".
CSCwk85198	Cisco SD-WAN Manager 20.15.1: MC MRF: Audit Out-of-sync and Unmapping failed.
CSCwk23821	Cisco SD-WAN Manager 20.13.1 last-resort circuit button is not doing effect in configuration group.
CSCwk66060	OMP extranet policy not exporting all the routes for the prefixes.
CSCwk79499	Variable field is missing for second UCS-E blade while pushing the template.
CSCwm09327	Wasted space in Policy Application page.
CSCwk66113	"Change Device Values" option removed in Cisco SD-WAN Manager 20.15.
CSCwk37657	The devices brought up with PNP when pre deployed to a config group do not receive the full configuration.
CSCwk74774	Local User not able to login on Cisco SD-WAN Manager 20.12.3.
CSCwk87125	Bfd events are not getting published to messaging server in cluster setup.
CSCwk60384	Controller establishes multiple viptela-device session and affects performance.

Identifier	Headline
CSCwj71739	Viptela Platforms are not following RFC standard for command accounting.
CSCwm01262	Fail to deploy same NFV CG with Switch parcel to different NFVIS devices. Validation Error on Switch.
CSCwm01992	Save option greyed out when trying to edit snmp parcel.
CSCwk89814	Cisco SD-WAN Manager 20.15 - Cisco SD-WAN Manager generates UTD container profile as low though profile is configured as high/medium !

Cisco Catalyst SD-WAN Control Components Compatibility Matrix and Server Recommendations

For compatibility information and server recommendations, see Cisco Catalyst SD-WAN Control Components Compatibility Matrix and Server Recommendations.

Cisco Catalyst SD-WAN Manager API

For information on Cisco SD-WAN Manager Release 20.15.x APIs, see Cisco SD-WAN Manager API.

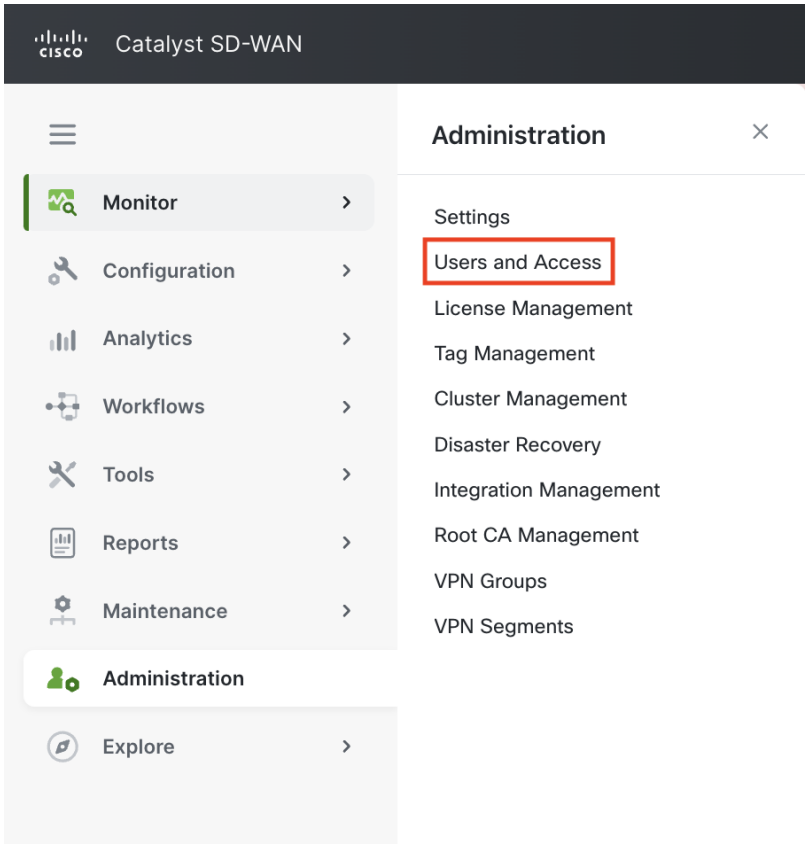
Cisco Catalyst SD-WAN Manager GUI Changes

This section presents a summary of the significant GUI changes between Cisco Catalyst SD-WAN Manager Release 20.14.1 and Cisco Catalyst SD-WAN Manager Release 20.15.1.

- Administration menu, Users and Access

  In the **Administration** menu, the **Manage Users** menu is renamed to **Users and Access**.

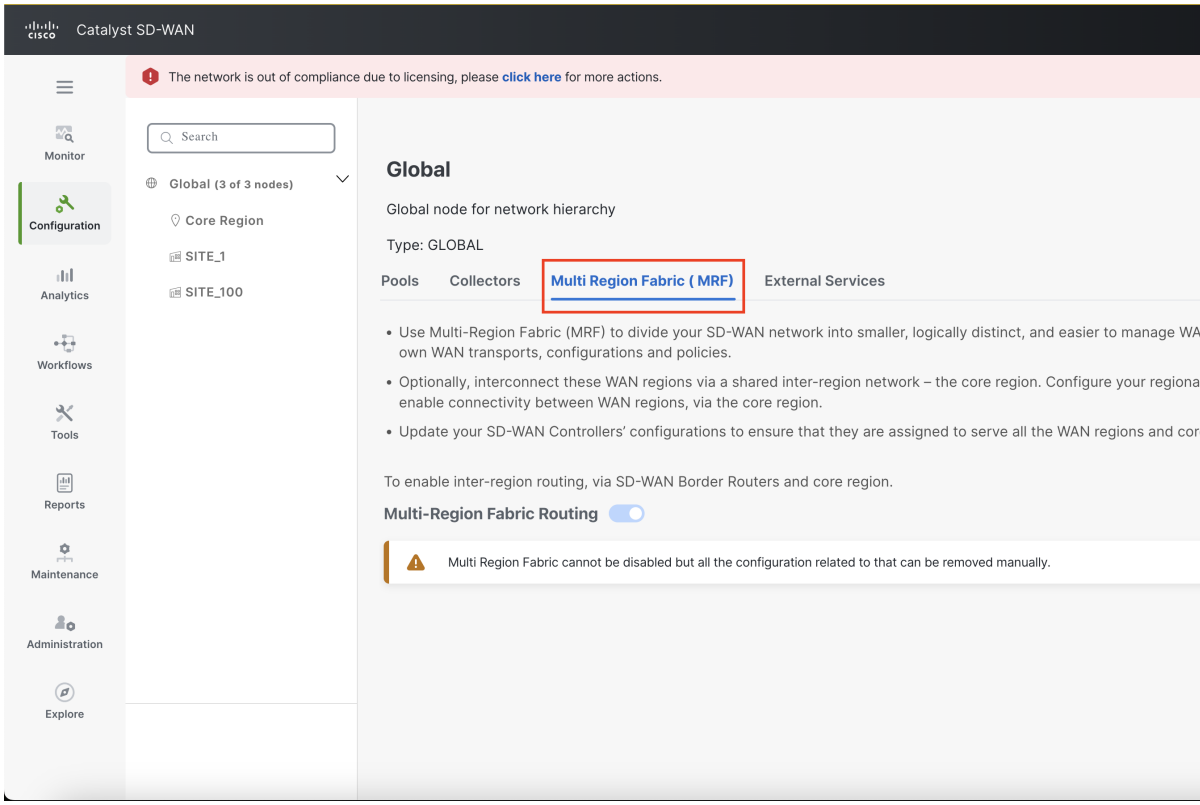
Figure 1: Administration Menu



- Network Hierarchy page, Multi Region Fabric (MRF) tab

  On the **Configuration** > **Network Hierarchy** page, the **Network Settings** tab is renamed to **Multi Region Fabric (MRF)**.

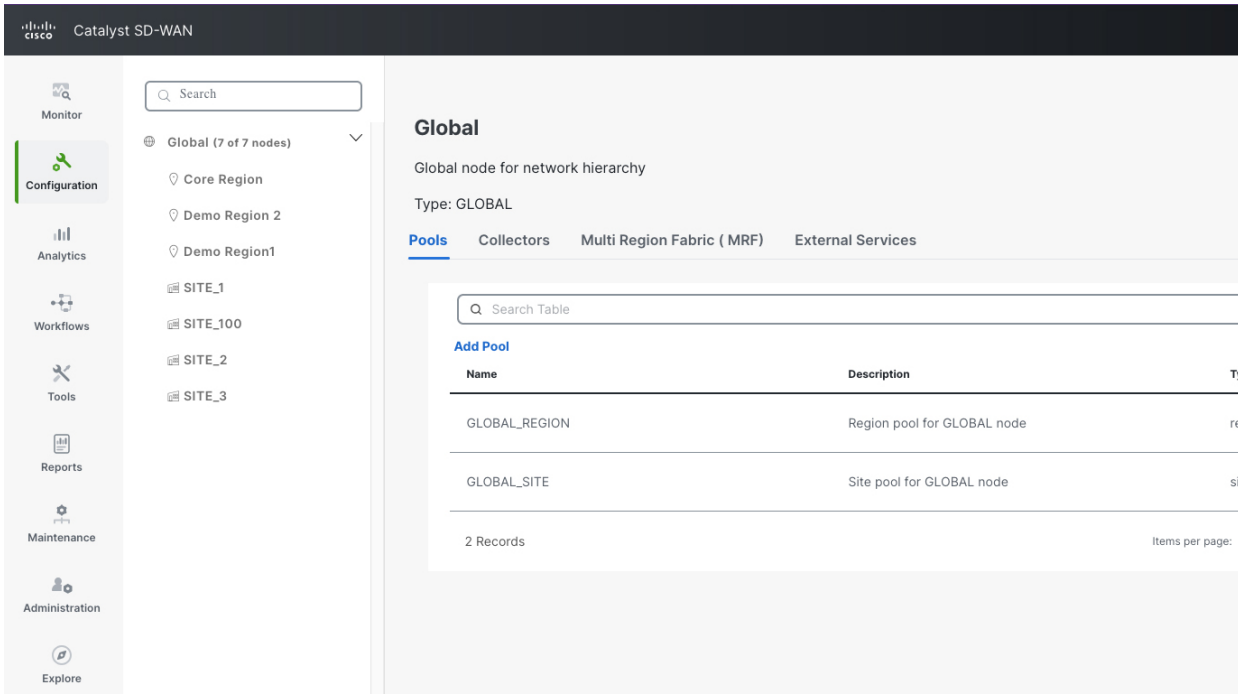
Figure 2: Network Hierarchy Page, Multi Region Fabric (MRF) Tab



- Secondary regions and subregions

  On the **Configuration** > **Network Hierarchy** page, it is no longer possible to create secondary regions or subregions. From this release, these are supported only through API.

Figure 3: Network Hierarchy Page



AI Assistant on Cisco SD-WAN Manager

Minimum supported release: Cisco Catalyst SD-WAN Manager Release 20.15.1

On Cisco SD-WAN Manager, click Cisco AI Assistant. The AI assistant is available only to cloud customers. You can use this feature for the following use cases:

- Product and Features: Provides information about Cisco Catalyst SD-WAN and the features introduced in this release.
- Monitor Network: Provides information about the network and application health.

To enable the AI assistant feature:

1. Enable cloud services in **Administration** > **Settings**.
2. Enter the **Smart Account Credentials** and click **Save**.

Related Documentation

- Release Notes for Previous Releases
- Software Installation and Upgrade for vEdge Routers
- Field Notices
- Recommended Releases
- Security Advisories

- Cisco Bulletins

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