

Release Notes for Cisco Catalyst SD-WAN Control Components Release 20.14.x

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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 20.14.x



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.

These release notes accompany the Cisco Catalyst SD-WAN Control Components, Release 20.14.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 17.14.x.

What's New for Cisco Catalyst SD-WAN Manager Release 20.14.x

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 20.14.1

| Feature | Description | | | | | |
|---|--|--|--|--|--|--|
| Cisco Catalyst SD-V | VAN Getting Started | | | | | |
| Cisco SD-WAN Manager Cluster Upgrade Compatibility Check | This feature helps to upgrade Cisco SD-WAN Manager cluster and ensures that all the software devices are running on same version and are compatible. Using this feature, you can check pre-upgrade and post-upgrade checks to verify node health and identify the cause for inconsistent failures. | | | | | |

| Feature | Description |
|---|---|
| Support for Disk Encryption in On-Premises ESXi for a Virtual Machine Hosting Cisco SD-WAN Control Components | With this feature, you can apply disk encryption on the virtual disk when hosting Cisco SD-WAN Control Components in an on-premises installation, using a VMWare ESXi hypervisor hosted on a Cisco UCS platform. |
| Cisco Catalyst SD-V | VAN Monitor and Maintain |
| Security Dashboard Enhancements | The following enhancements have been made to the security dashboard in Cisco SD-WAN Manager: |
| | • A new Security Appliance/UTD Container dashlet has been added to monitor the health status of the Firewall and UTD components, such as the Cisco Intrusion Prevention System (IPS), Advanced Malware Protection (AMP), and Cisco URL filtering. |
| | • A new Application Offload dashlet has been introduced that displays the breakdown of application traffic across SIG/SEE Tunnels and Direct Internet Access (DIA), and provides more details about the application traffic. |
| | Updates have been made to the existing dashlets to provide more detailed information about Events. |
| | Navigate from the Intrusion Prevention dashlet to the Talos website to view Snort rules. |
| Improved Monitoring of Cellular-Enabled Devices | Cisco SD-WAN Manager provides detailed information about the connectivity of cellular-enabled devices, and the health of the connections, to provide a holistic view of cellular connectivity health. In addition, you can filter the device list to specifically display cellular-enabled devices, among other filter options. |
| Cisco Catalyst SD-V | VAN System and Interfaces |
| Multitenancy Support for Cisco Catalyst Cellular Gateways | Added multitenancy support for Cisco Catalyst Cellular Gateways. |
| CMAC-AES-128 Authentication for NTP Servers | Support for cipher-based message authentication code (CMAC) advanced encryption standard (AES) 128-bit (cmac-aes-128) authentication for network time protocol (NTP) server configuration for Cisco SD-WAN Control Components. |

Table 2: Cisco IOS XE Catalyst SD-WAN Release 17.14.1a

| Feature | Description |
|---------------------|---------------------|
| Cisco Catalyst SD-V | WAN Getting Started |

| Feature | Description |
|---|---|
| New Procedure for Enabling Cisco SD-AVC Cloud Connector | This release introduces a new procedure for enabling Cisco SD-AVC Cloud Connector from the Cloud Services option in Administration > Settings . From this release, enabling Cloud Connector does not require an OTP or opening a TAC case. |
| Cisco SD-WAN Manager Cluster Upgrade Compatibility Check | This feature helps to upgrade Cisco SD-WAN Manager cluster and ensures that all the software devices are running on same version and are compatible. Using this feature, you can check pre-upgrade and post-upgrade checks to verify node health and identify the cause for inconsistent failures. |
| License Compliance Messaging | Cisco SD-WAN Manager actively monitors the compliance status of Cisco Catalyst SD-WAN licenses to identify issues with license synchronization, device assignments, or expired licenses. In case of an issue, it displays a compliance error message. In addition, on the License Management page, the device list indicates the license compliance status of each device. |
| Release a License from a Device | You can manually release a license from a device without having to remove or decommission the device. This leaves the license available to use with other devices. |
| Multitenant License Management | In a multitenant scenario, Cisco SD-WAN Manager supports license management at the provider level for multitenant edge devices. In Cisco SD-WAN Manager, in Provider mode, assign a base license and tenant licenses for multitenant edge devices. |
| Cisco Catalyst SD-V | VAN Security |
| Match Traffic Using Custom Applications | Added support for matching traffic using a custom application in a custom-defined application list. |
| IPv6 Support for UTD policies | This feature adds IPv6 support for UTD security features and Unified Logging. IPv6 support for UTD security feature includes configuration and inspection of IPv6 traffic, IPS, URL filtering, and AMP. The feature also adds IPv6 support for operational command related to UTD. |
| SLA Profile support for Layer 7 Health Check | This feature uses jitter and packet loss, in addition to latency in SLA metrics to determine the health of the tunnel. |
| Zscaler Integration | This feature adds Zscaler integration with Cisco Catalyst SD-WAN as a Security Service Edge (SSE) solution. You can provision both IPSec and GRE tunnels to Zscaler using policy groups in Cisco SD-WAN Manager. |
| IPv6 GRE or IPsec Tunnels Between Cisco IOS XE Catalyst SD-WAN and Third-Party Devices over a transport VPN | This feature allows you to configure an IPv6 GRE or IPSEC tunnel from a Cisco IOS XE Catalyst SD-WAN device to a third-party device over a transport VPN. |
| Cisco Catalyst SD-V | VAN Cloud OnRamp |

| Feature | Description | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| Configure Devices for AWS Integration Using Configuration Groups | This feature enables the use of configuration groups on Cisco SD-WAN Manager to configure devices for AWS integration. | | | | | | | |
| Configure Devices for Azure for US Government Using Configuration Groups | This feature enables the use of configuration groups on Cisco SD-WAN Manager to configure devices using automation for Azure for US Government. | | | | | | | |
| Pay As You Go and IP-Transit License Management for Megaport | This feature introduces support for Pay As You Go (PAYG) licenses for Megaport. The PAYG model is a usage-based model which allows users to pay based on how much they consume. For example, a cloud storage service provider could charge based on the amount of storage used. | | | | | | | |
| Cisco Catalyst SD-V | WAN AppQoE | | | | | | | |
| IPv6 Protocol support for AppQoE Services | This feature allows AppQoE clusters to handle both IPv4 and IPv6 traffic. | | | | | | | |
| DRE Optimization Using Configuration Groups | With this feature you can enable DRE optimization using AppQoE feature under Service Profile in a configuration group in Cisco SD-WAN Manager. | | | | | | | |
| Cisco Catalyst SD-V | VAN Monitor and Maintain | | | | | | | |
| Cellular Modem Firmware Upgrade | Cisco SD-WAN Manager supports upgrading the cellular modem firmware of devices that include a cellular modem. | | | | | | | |
| Protocol Pack Management and Compliance | Cisco SD-WAN Manager management of Protocol Packs includes upgrading Protocol Pack releases on routers in the network and flagging the status of routers using an older Protocol Pack release than the current reference release. Cisco SD-WAN Manager uses the latest Protocol Pack release that it has available as a reference for comparing against the Protocol Packs loaded on devices in the network. | | | | | | | |
| Export and Import Cisco Catalyst SD-WAN Configurations | Export and import configuration groups, policy groups and toplogies from your Cisco SD-WAN Manager as .tar.gz files to your local storage and customize your deployments. | | | | | | | |
| Cisco Catalyst SD-V | WAN System and Interfaces | | | | | | | |
| L2VPN Support on Cisco Catalyst SDWAN Overlay | The feature adds Layer 2 VPN support on the Cisco Catalyst SD-WAN overlay network. It allows you to configure Layer 2 point-to-point and point-to-multipoint connections within the Cisco Catalyst SD-WAN fabric. | | | | | | | |

| Feature | Description | | | | | | | |
|---|--|--|--|--|--|--|--|--|
| Support for Load Balancing for EtherChannels on the Transport Side | This feature adds the ability to configure load balancing for EtherChannels on the transport side for Cisco IOS XE Catalyst SD-WAN devices using the port-channel load-balance-hash-algo sdwan command. | | | | | | | |
| Cisco Catalyst SD-V | WAN Rugged Series Router Configuration Guide | | | | | | | |
| Configure WIM on Cisco Catalyst IR1800 Rugged Series Routers | Configure and manage the Wi-Fi Interface Module (WIM) on Cisco Catalyst IR1800 Rugged Series Routers using Cisco SD-WAN Manager. | | | | | | | |
| Cisco Catalyst SD-V | WAN NAT | | | | | | | |
| Support for configuring multiple | This feature supports configuration of multiple NAT types - interface, loopback interface, or NAT pool for Direct Internet Access (DIA). | | | | | | | |
| NAT types | Use the centralized data policy to assign rules for combining various NAT types for DIA traffic egressing the Edge router. You can also bypass NAT altogether. | | | | | | | |
| Support for redistribution of NAT66 DIA routes | You can configure the redistribution of NAT66 DIA routes into BGP or OSPFv3 protocols. | | | | | | | |
| Support for NAT66 DIA status event. | You can monitor the NAT DIA status in the Cisco SD-WAN Manager logs. A new event called nat-update displays the status of NAT DIA in the Events screen. | | | | | | | |
| Support for Point-to-Point | This feature adds support for two types of PPP dialer interfaces—PPP over Ethernet (PPPoE) and PPP over Asynchronous Transfer Mode (PPPoA). | | | | | | | |
| Protocol (PPP) Dialer Interfaces with NAT66 DIA | With this feature, you can configure PPP dialer interfaces for accessing IPv6 services and sites. | | | | | | | |
| Cisco Catalyst SD-V | VAN Remote Access | | | | | | | |
| Monitor Cisco Catalyst SD-WAN | The feature enhances the monitoring of remote access devices. Cisco SD-WAN Manager can provide the following information: | | | | | | | |
| Remote Access using Cisco SD-WAN Manager | Number of remote access (RA) headends in the network and the supported RA mode (IPsec/SSLVPN). | | | | | | | |
| ob will manager | Number of remote access sessions in the network and sessions per remote access headend categorized into remote access client type. | | | | | | | |
| Policies | | | | | | | | |
| Service Chaining Trusted and Untrusted Traffic | This feature lets you configure trusted traffic to flow to a trusted high availability pair in a service chain. | | | | | | | |

| Feature | Description | | | | | | |
|--|---|--|--|--|--|--|--|
| Configure a Maximum FNF Record Rate for Aggregated Traffic Data | For a device, you can configure a maximum rate (records per minute) for sending Flexible NetFlow (FNF) records of aggregated traffic data. This can reduce the performance demands on a device, and may be helpful when there is a large number of applications producing network traffic. | | | | | | |
| Policy Groups | | | | | | | |
| Policy Compliance | This feature checks whether existing application-aware policies use applications that have been updated in a later Protocol Pack, and assists you in updating policies to use the latest available applications. The compliance-check uses the Protocol Pack currently loaded in Cisco SD-WAN Manager as a reference. | | | | | | |
| Cisco Catalyst SD-V | WAN Configuration Groups | | | | | | |
| Support for Additional OK Communications Features | This feature adds support for the Unified Voice configuration features in the UC voice profile. | | | | | | |
| Network-Wide Path | n Insight | | | | | | |
| Network-Wide Path Insight Integration with Cisco ThousandEyes | With this feature, network-wide path insight presents test results from a Cisco ThousandEyes Enterprise Agent and includes this information in flow results for your review and analysis. | | | | | | |
| Qualified Command | d Reference | | | | | | |
| Event Commands | The EEM configurations such as else, break, continue, elseif, while, set, increment, handle-error, gets, foreach, divide, decrement, counter, and append are supported. | | | | | | |

Software and Hardware Behavior Changes in Cisco Catalyst SD-WAN Control Components Release 20.14.x

Software and Hardware Behavior Changes in Cisco Catalyst SD-WAN Manager Release 20.14.1

| Behavior Change | Description |
|---|--|
| The Cisco Catalyst SD-WAN Manager Release 20.14.1 software image names are renamed from viptela-edge to viptela-bond. The Cisco vBond component is renamed to Cisco SD-WAN Validator in the new software versions. The vEdge Cloud is not supported from Cisco Catalyst SD-WAN Control Components Release 20.9.1. | See the Download Software section for more information about Cisco SD-WAN Validator changes. |
| A unified software image is used for Cisco SD-WAN Controller (vSmart) and Cisco SD-WAN Validator (vBond). The initial default hostname for both controllers is vsmart. We recommended you to update the hostname. | |

Software and Hardware Behavior Changes in Cisco IOS XE Catalyst SD-WAN Release 17.14.1a

| Behavior Change | Description | | | |
|---|--|--|--|--|
| The SLA class components such as loss, latency and jitter values are modified. | The Application Priority and SLA section describes the new SLA class component values. | | | |
| The request platform software sdwan software activate is updated with supported options. | The request platform software sdwan software activate command is updated. | | | |
| In an environment that mixes Cloud OnRamp for SaaS without SIG tunnels and Cloud OnRamp for SaaS over SIG tunnels, telemetry is supported for sites using Cloud OnRamp for SaaS without SIG. | The Restrictions for Cloud OnRamp for SaaS Over SIG Tunnels section describes the details. | | | |
| From Cisco SD-WAN Manager, the auto correct option is not available. Instead, display the cloud services audit as follows: From the Cisco SD-WAN Manager menu, choose Configuration > Cloud OnRamp for Multicloud, then in the Intent Management pane, click Audit. Select the cloud provider. Cisco SD-WAN Manager shows the audit report. | The Audit Discrepancies and Resolutions table provides more details. | | | |
| Advertisement of NAT64 routes through OMP is supported through Cisco IOS XE Catalyst SD-WAN Release 17.12.x. | The Advertise NAT64 Routes Through OMP section is updated. | | | |
| When a Cisco SD-WAN Controller or Cisco SD-WAN Validator upgrade is in progress, upgrade of tenant edge devices is not supported. | The Restrictions for Cisco Catalyst SD-WAN Multitenancy section describes the details. | | | |

| Behavior Change | Description |
|---|---|
| AppQoE clusters can handle both IPv4 and IPv6 traffic for TCP and DRE optimization. | The Create a Centralized Policy for TCP and DRE Optimization section describes the details. |
| In Cisco SD-WAN Manager, the Data Collection tab has been removed from Administration > Settings and integrated into Network Statistics Configuration and Collection , and a new tab Terms & Conditions now has these two toggle options for collecting telemetry data, SD-WAN Telemetry Basic and SD-WAN Telemetry Advanced . | Telemetry section describes the details. |

Important Notes, Known Behaviors, and Workarounds

- To improve the performance of statistics processing, this release incorporates improvements to the Cisco Catalyst SD-WAN architecture. This change improves the Cisco SD-WAN Manager user interface responsiveness, as well as scalability. After upgrading to Cisco Catalyst SD-WAN Manager Release 20.14.x, Cisco SD-WAN Manager requires some time to migrate statistics data. Depending on the volume of data, there may be a delay in loading some of the charts and data on the **Monitor** > **Overview** page. To check the status of the data migration, you can open the Task List and view the migration task.
- From Cisco Catalyst SD-WAN Manager Release 20.14.1, you can navigate to Cisco services hosted in the Cisco Networking Cloud, such as Cisco Spaces, Intersight, IoT Operations Dashboard, Meraki, and Cisco ThousandEyes. Enable the cross platform navigator in **Administration** > **Settings** > **Cross Platform Navigator**.

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 3: 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 |
| 20.6.x | Not Supported | Direct Upgrade | Direct Upgrade | Direct Upgrade from 20.9.5.2 and later releases. | | | | | |

| Starting | Destination Version | | | | | | | | | |
|---------------------------------------|---------------------|--------|--------|--------|---|---|---|---|--|-------------------------------|
| Cisco SD-WAN Manager 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 | |
| | | | | | Step upgrade from 20.6.1, 20.6.2, and 20.6.3 either to 20.6.4 or 20.9.5.2 and later releases. | Step upgrade from 20.6.1, 20.6.2, and 20.6.3 either to 20.6.4 or 20.9.5.2 and later releases. | Step upgrade from 20.6.1, 20.6.2, and 20.6.3 either to 20.6.4 or 20.9.5.2 and later releases. | Step upgrade from 20.6.1, 20.6.2, and 20.6.3 either to 20.6.4 or 20.9.5.2 and later releases. | Step upgrade from 20.6.1, 20.6.2, and 20.6.3 either to 20.6.4 or 20.9.5.2 and later releases. | |
| | | | | | or Direct upgrade from 20.6.4 or 20.9.5.2 and later releases. | or Direct upgrade from 20.6.4 or 20.9.5.2 and later releases. | or Direct upgrade from 20.6.4 or 20.9.5.2 and later releases. | or Direct upgrade from 20.6.4 or 20.9.5.2 and later releases. | or Direct upgrade from 20.6.4 or 20.9.5.2 and later releases. | |
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| Cisco SD-WAN Manager 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 | |
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| | | | | 20.9.5.2 | 20.9.5.2 | 20.9.5.2 | 20.9.5.2 | 20.9.5.2 | 20.9.5.2 | |
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| 20.8.x | Not Supported | Not Supported | Not Supported | Direct Upgrade from 20.9.5.2 and later releases. | Step upgrade from 20.9.5.2 and later releases. | Step upgrade from 20.9.5.2 and later releases. | Step upgrade from 20.9.5.2 and later releases. | Step upgrade from 20.9.5.2 and later releases. | Step upgrade from 20.9.5.2 and later releases. | |
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| Cisco SD-WAN Manager 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 | | | | |
| 20.9.x | Not Supported | Not Supported | Not Supported | Not Supported | Direct upgrade from 20.9.5.2 and later releases. | Direct Upgrade from 20.9.5.2 and later releases. | Direct Upgrade from 20.9.5.2 and later releases. | | | | | | |
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| Starting | Destination | Destination Version | | | | | | | | | | | | |
|---------------------------------------|------------------|---------------------|------------------|------------------|------------------|---|---|---|---|--|--|--|--|--|
| Cisco SD-WAN Manager 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 | | | | | |
| 20.10.x | Not Supported | Not Supported | Not Supported | Not Supported | Not Supported | Direct Upgrade from 20.9.5.2 and later releases. | Direct Upgrade from 20.9.5.2 and later releases. | Direct Upgrade from 20.9.5.2 and later releases. | Direct Upgrade from 20.9.5.2 and later releases. | | | | | |
| 20.11.x | Not Supported | Not Supported | Not Supported | Not Supported | Not Supported | Not Supported | Direct Upgrade from 20.9.5.2 and later releases. | Direct Upgrade from 20.9.5.2 and later releases. | Direct Upgrade from 20.9.5.2 and later releases. | | | | | |
| 20.12.x | Not Supported | Not Supported | Not Supported | Not Supported | Not Supported | Not Supported | Not Supported | Direct Upgrade from 20.9.5.2 and later releases. | Direct Upgrade from 20.9.5.2 and later releases. | | | | | |
| 20.13.x | Not Supported | Not Supported | Not Supported | Not Supported | Not Supported | Not Supported | Not Supported | Not Supported | Direct Upgrade from 20.9.5.2 and later releases. | | | | | |



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 20.14.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 20.14.1

Resolved Bugs for Cisco Catalyst SD-WAN Control Components Release 20.14.1

| Identifier | Headline |
|------------|--|
| CSCwi71976 | UI changed needed for CSCwi56821 MT License Settings exposed at Tenant level. |
| CSCwi85554 | Cisco SD-WAN Manager cannot deploy a configuration group on a cedge added by a tag rule |
| CSCwi45824 | User with only Read permission for Cisco Edge devices can see controller devices Certificates. |
| CSCwh91838 | The marking maintenance security deprecated. |
| CSCwi54372 | Cisco SD-WAN Manager cloud onramp for Multicloud - cloud connectivity , audit is failing. |

| Identifier | Headline |
|------------|--|
| CSCwj12763 | The IP name-server command not pushed to Cisco IOS XE Catalyst SD-WAN device. |
| CSCwi74398 | DCA Rest: MT: If some tenant uploads fail, further tennats may be skipped. |
| CSCwh97427 | RADIUS user with username format domain\xxxx get's logged out without minutes of logging in. |
| CSCwi28960 | Cisco SD-WAN Validator crash with error "Software initiated - Daemon 'vbond_0' failed" |
| CSCwc04678 | The data-policy-commit-failure notification promote to Alarm. |
| CSCwi92850 | Export in Monitor Tunnels does not generate a file with the filter created. |
| CSCwj23827 | Cisco SD-WAN Manager DR: Replication stuck and not even attempting to create further exports. |
| CSCwi56821 | MT License Settings exposed at Tenant level. |
| CSCwi62044 | SD-AVC container mount point change in Cisco SD-WAN Manager results in lost custom apps post-upgrade. |
| CSCwi10675 | Devices with pull mode stats collection stops working after upgrade to 20.13 latest. |
| CSCwi21892 | After Upgrade from 20.8.1 to 20.9.3.2, no graph on license and device overview page. |
| CSCwi21322 | Cisco Catalyst SD-WAN Manager Release 20.13.1: Azure SD-Routing CoR: Multicloud Monitoring dashboard is not showing Gateway/VNET/TAG/VPN |
| CSCwi31742 | Changes in copied configuration group is updating original CG. |
| CSCwi60266 | Cisco IOS XE Catalyst SD-WAN device with enterprise certificates not forming control connections with controllers after upgrade. |
| CSCwi45974 | Unable to save the TACACS Server configuration when using Configuration Groups. |
| CSCwj04353 | DCA is not sending device list data for MT Tenants. |
| CSCwi23194 | Policy Groups 2.0 - Groups of Interest - Creating application difficult to do. |
| CSCwi21976 | Cisco SD-WAN Manager API: User with only Interface read-only access can see the connected user list. |
| CSCwi75078 | The banner issue on Cisco IOS XE Catalyst SD-WAN device from feature template Cisco SD-WAN Manager 20.9.4.1 |
| CSCwi49242 | After upgrading Cisco SD-WAN Manager to 20.12.2, local/AAA users won't be able to login after 10-15 mns reboot |
| CSCwi21221 | QuickConnect UI fail to import, export and Create New site-id. Pop-up is not shown. |
| CSCwh73082 | Few or All OMP peers stay Down after Cisco SD-WAN Controller cores (vCPU) are upgraded from 2 to 8. |

| Identifier | Headline |
|------------|---|
| CSCwi56971 | Cisco SD-WAN Manager 20.12.2 / Search tool of Select smart/virtual accounts to fetch/sync licenses is not working |
| CSCwi95474 | 6+6 DR cluster elects replication leader which has no config-db and fails to connect to neo4j |
| CSCwi05347 | The config failed with "probe-path should be configured as branch" message when enable o365 telemetry. |
| CSCwi45443 | The vdaemon file is incomplete when generating a Cisco SD-WAN Manager admin-tech using GUI. |
| CSCwj04397 | ST Cisco SD-WAN Manager getting license alarms incorrectly. |
| CSCwi14897 | RBAC by VPN groups is blocked on UI (verification failed) - multiple issues. |
| CSCwj39594 | The 6-Node cluster DR Replication not working in certain scenario. |
| CSCwi21272 | Password fields are not masked in Add and Review Device configuration page. |
| CSCwi72111 | /dataservice/device/action/install/devices/{deviceType} not working in apidocs page. |
| CSCwi26347 | Delete all VNF service fail under Network Design. |
| CSCwi35518 | ND push fail to ENCS device: Invalid usage - Remove vlan before using vlan-range |
| CSCwi91763 | On -Prem SSM has reporting broken. |
| CSCwi20779 | Solution: retry logic needed for delete tunnel group from Cisco SD-WAN Manager. |
| CSCwi12234 | Workflow library: 'Do not show again' option on introduction of workflows not honoured. |
| CSCwi51188 | Cross Platform Navigator: enable to navigate to Cisco services hosted in the Cisco Networking Cloud. |
| CSCwh33133 | MD5 authentication: console logs include deprecation warning. |

Open Bugs for Cisco Catalyst SD-WAN Control Components Release 20.14.1

| Identifier | Headline |
|------------|--|
| CSCwj28483 | Deployment of Cloud Gateway in network without Multi Region Fabric functionality. |
| CSCwi81830 | Cisco SD-WAN Manager 20.12.3: unable to login to Cisco SD-WAN Manager after enabling proxy- AAAMgr auth req failed with exception. |
| CSCwj43428 | Cisco SD-WAN Manager-20.13.1 shows "add DNS IPv4" instead of "IPv6 Address Field" under Service-Profile SVI |
| CSCwj39215 | Selecting 3-dots next to BGP feature does not save Edge01 or Edge02. |

| Identifier | Headline |
|------------|---|
| CSCwi01358 | aaaMgr namespace is not created in one of the Cisco SD-WAN Manager after configuring radius server. |
| CSCwj44137 | [20.14.0-201] ST-SIT: DR options not editable in Cisco SD-WAN Manager |
| CSCwj27809 | 500 Server Error: Internal Server Error for url: https://10.236.8.119/dataservice/statistics/system/ |
| CSCwj44188 | 20.14 Zscaler SSE GRE MT: Error 429 from Zscaler API for activate is seen |
| CSCwj38614 | Cisco SD-WAN Manager 20.13: Enforce Software Version (ZTP) selected version is not reflected after save |
| CSCwj53308 | The sdwan controller not establish NTP over vpn 512 IPV6 |

$\textbf{Cisco Catalyst SD-WAN Control Components Compatibility Matrix} \ and \ \textbf{Server Recommendations}$

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

Cisco Catalyst SD-WAN Manager API

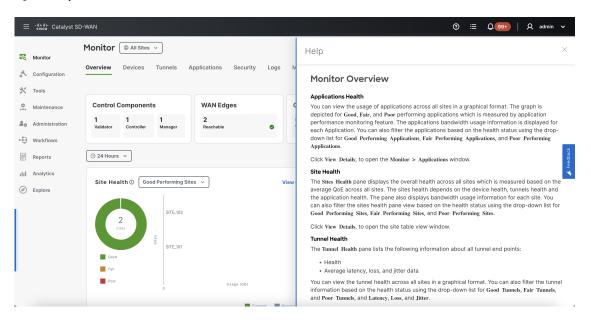
For information on Cisco SD-WAN Manager Release 20.14.x APIs, see Cisco SD-WAN Manager API.

In-product Help

In a single-tenant deployment, access help content for Cisco SD-WAN Manager UI pages by clicking the **Help** icon at the top-right corner of a page. The help content is displayed in a slide-in pane in the same browser window.

Starting from Cisco SD-WAN Manager Release 20.12.x, In-product help is available for a majority of the Cisco SD-WAN Manager UI pages.

Figure 1: Help Content in a Slide-in Pane

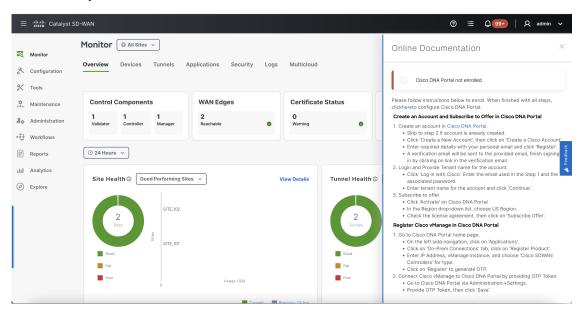


Cisco DNA Sense

Access help content for Cisco SD-WAN Manager UI pages using Cisco DNA Sense by clicking the ? icon at the top-right corner and choose **Online Documentation** from the drop-down list.

Cisco DNA Sense is not enabled by default for all the users. You should enroll and configure your Cisco SD-WAN Manager using the instructions provided in the **Online Documentation** pane. The help content from Cisco DNA Sense is displayed across all major Cisco SD-WAN Manager pages once you enroll.

If your Cisco SD-WAN Manager is already enrolled to Cisco DNA Sense, choose **Online Documentation** from the ? drop-down.



Ask Cisco Networking Bot

To access the **Cisco Networking Bot** click the **Help(?)** icon and choose **Ask Cisco Networking** from the drop-down list.

You can use Cisco Networking Bot chat to get relevant answers to your questions.



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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