Monitor Overlay Networks

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.

Monitor Cisco Catalyst SD-WAN Controllers and Devices in Overlay Networks

1. From the Cisco Catalyst SD-WAN Portal dashboard, click the **List View** tab.

   The list of overlays appears.

2. Click the name of your overlay.

3. In the **Controller View** area, click the controller that you want to monitor: **vManage**, **vBond**, **vSmart**, **Cloud Gateways**, or **vEdge**.

4. On the **Controllers** window, you can filter by network usage, CPU usage, or duration. In the window, you can also filter by state, type, version, or region.

Note From Cisco IOS XE Catalyst SD-WAN Release 17.13.1a, the **Controllers** tab is renamed as the **Control Components** tab to stay consistent with Cisco Catalyst SD-WAN rebranding.

View Overlay and Controller Details

1. From the Cisco Catalyst SD-WAN Portal dashboard, click the **List View** tab.

   The list of overlays appears.

2. Click the name of the overlay.

   The **Dashboard** > **Overlays** > **Details** page displays detailed information for your overlay.

View Change Window Notifications

Table 1: Feature History

Feature Name	Release Information	Description
Change Window Notifications	February 2021 Release	This feature lets you see when your Cisco Catalyst SD-WAN overlay maintenance event starts or ends, including detailed information about when the change notification is scheduled, and the planned operation for maintenance.
		Cisco Catalyst SD-WAN Portal customers can only view change window notifications. A CloudOps user needs to schedule or start a change window notification.

Change window notifications allow you to see when your Cisco Catalyst SD-WAN overlay maintenance event starts or ends, including detailed information about when the change notification is scheduled, and the planned operation for maintenance.

Change window notification alerts display for notifications started or scheduled within the next 10 days. If a notification is in a completed state or scheduled to start in more than 10 days, banner alerts are not displayed on the Cisco Catalyst SD-WAN Portal dashboard.

If a change notification has started, it displays as ongoing in the banner alert.

If a change notification is scheduled, it displays as started in the banner alert.

Before You Begin

Cisco Catalyst SD-WAN Portal customers can only view change window notifications.

A CloudOps user needs to schedule or start a change window notification.

View Change Window Notifications for All Overlays

1. From the Cisco Catalyst SD-WAN Portal dashboard, under **Change Window Notifications**, click an overlay that is scheduled or started.

   The **Dashboard** > **Change Window Notifications** page appears with the list of overlays.

   Banner alerts display for all of the change window notifications.

This is the global view for viewing all change window notifications for all of your overlays.

2. (Optional) You can filter the overlay by status to limit or expand the list of overlays.

3. Click on **Change Window Notifications** to see the list of change window notifications, including the details column for the description of the change notification.

   The **Dashboard** > **Overlays** > **Details** > **Change Window Notifications** page displays.

View Change Window Notifications for Specific Overlays

1. To view a change notification for a specific overlay, from the Cisco Catalyst SD-WAN Portal dashboard, click an overlay that has a scheduled or started change notification.

   The **Dashboard** > **Overlays** > **Details** page appears.

2. Click an overlay that has a scheduled or started change window notification.

   Banner alerts display for the change window notifications specific to the overlay. The banner alert does not include the name of the overlay because you are already within the overlay.

   This is the individual view for viewing change window notifications for a specific overlay.

View the List of Change Window Notifications

1. From the Cisco Catalyst SD-WAN Portal dashboard, click the overlay for which you have a scheduled or started change window notification.

   The **Dashboard** > **Overlays** page displays.

2. Click on the overlay name.

   The **Dashboard** > **Overlays** > **Details** page displays.

3. In **Change Window Notifications**, choose the scheduled or started change window notification.

   The **Dashboard** > **Overlays** > **Details** > **Change Window Notifications**page displays where you can view detailed information about your change notification event.

View Snapshots

Before You Begin

You need to have a Cisco-provisioned cloud-hosted controller set for your overlay to view the snapshot details.

For more information, see Create a Cisco SD-WAN Cloud-Hosted Overlay Network.

For more information on snapshots, see Information About Snapshots.

View Snapshots

1. From the Cisco Catalyst SD-WAN Portal dashboard, navigate to the list of available overlays.

   The **Dashboard** > **Overlays** page displays.

2. Click the name of an overlay for which you want to view a snapshot.

3. From the **Dashboard** > **Cisco Hosted Overlays** > **Details** page, click on the tile for **Snapshot**.

The **Dashboard** > **Cisco Hosted Overlays** > **Details** > **Snapshots** page displays.

Table 2: Snapshot Fields

Field	Description
Snapshot ID (*denotes golden snapshot)	Specifies the snapshot ID. If a snapshot is a golden snapshot, it is denoted by an asterisk.
Name	Specifies the name of the snapshot.
Version	Specifies the version number of the Cisco SD-WAN Manager software.
Progress	Specifies the progress of the snapshot creation process.
Duration	Specifies the duration of the snapshot creation process.
State	Specifies the state of the snapshot creation process.
Device	Specifies the disk on Cisco SD-WAN Manager for which the snapshot was taken. There are either two or three disks on the Cisco SD-WAN Manager instance, depending on which version the device was originally provisioned on. For successful disaster recovery, snapshots of all the disks, taken at the same time, are used to recover and build the Cisco SD-WAN Manager instance.
Golden	Specifies if the snapshot is a golden snapshot. Available values are as follows: • **false** • **true**
Region	Specifies the region where this snapshot is stored.
Type	Specifies the type of snapshot. Available values are as follows: • **REGULAR** • **ON-DEMAND** • **GOLDEN**
Overlay ID	Specifies the overlay ID.

Field	Description
Overlay	Specifies the overlay name and an ID.
Instance ID	Specifies the Cisco SD-WAN Manager instance ID.
Instance	Specifies the Cisco SD-WAN Manager instance name and ID.
Actions	Click **Make Golden Snapshot** to mark a specific date snapshot as golden.