



Snapshots

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Information about snapshots

A Cisco SD-WAN Manager snapshot is a saved copy of the state of a Cisco SD-WAN Manager instance. Snapshots provide recovery points for the Cisco CloudOps team to use in case of disaster recovery. The SD-WAN Portal manages the mechanics of saving the snapshots.

By contrast, SD-WAN Controllers and SD-WAN Validators are stateless and do not require snapshots.

Which Cisco Catalyst SD-WAN installations store snapshots?

In Cisco Cloud-delivered Catalyst SD-WAN and Cisco Hosted Catalyst SD-WAN environments, the SD-WAN Portal manages saving snapshots of SD-WAN Manager, which are saved to cloud storage managed by Cisco. Snapshots are stored in the primary region selected when setting up the SD-WAN fabric.

Viewing snapshot details

You can view details of the saved snapshots in the SD-WAN Portal. See [View Snapshots](#). Snapshots cannot be downloaded.

Snapshot types

Table 1: Snapshot types

Snapshot type	Description	When are they taken	How many are retained	How long are they retained
On-demand	<p>Any time you need to save a recovery point, such as before a major change to your Cisco SD-WAN Manager software, you can take an on-demand snapshot.</p> <p>Freeze configuration changes and allocate up to 8 hours before the change window for taking and saving the on-demand snapshot.</p> <p>See Take an On-Demand Snapshot.</p>	On-demand	1	15 days, or sooner if you take another on-demand snapshot.
Regular	<p>Regular snapshots are saved at an interval of 1 to 4 days, which you can configure. The timing of the snapshot is approximately midnight according to SD-WAN Manager region.</p> <p>When creating the fabric, set the interval here: Advanced Options > Edit > Snapshot Settings</p> <p>See Create a Cisco SD-WAN Cloud-Hosted Overlay Network.</p> <p>For an existing fabric, you can edit the snapshot interval in the SD-WAN Portal here: View details > Snapshots > Actions > Edit snapshot frequency</p>	User-configured interval of 1-4 days.	7	<p>The oldest of 7 is discarded when a new snapshot is created.</p> <p>The retention duration is: (7 * user-configured interval), which is 7 to 28 days.</p>
Golden	<p>You can mark a single regular or on-demand snapshot as Golden to save it for a longer period. Use this when SD-WAN Manager is in an ideal state for a long-term recovery point.</p> <p>Marking a new snapshot as Golden removes the Golden designation from the previous Golden snapshot. The previous Golden snapshot is then subject to removal according to its expiration schedule.</p>	This is an existing regular or on-demand snapshot manually marked as Golden.	1	90 days

Take an on-demand snapshot

You can take an on-demand snapshot of Cisco SD-WAN Manager configuration when needed. In general, take a snapshot before any major change window.

When you take an on-demand snapshot, freeze configuration changes and allocate up to 8 hours before the change window to allow the snapshot to be completed.

An on-demand snapshot is stored for 15 days from the date of its creation, then it is deleted automatically. A new on-demand snapshot replaces a stored existing one, so only one on-demand snapshot is stored at a time.



Note On-demand snapshots are not available for shared tenants.

1. From the Cisco Catalyst SD-WAN Portal, navigate to the list of available overlays.
The **Dashboard > Overlays** page appears.
2. Click the name of the overlay for which you want to take a snapshot.
3. From the **Dashboard > Cisco Hosted Overlays > Details** page, click the **Snapshot** tile.
4. From the **Actions** drop-down menu, choose **On-Demand Snapshot**.
5. In the **On-Demand Snapshot** area, turn on the switch for the Cisco SD-WAN Manager instance for which you want to take the snapshot.
For a Cisco SD-WAN Manager cluster, turn on the switches for each Cisco SD-WAN Manager instance in the cluster.
6. Click **Submit**.
The snapshot is created. The creation process can take up to 8 hours to complete, depending on the amount of data in Cisco SD-WAN Manager.

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: <ul style="list-style-type: none"> • false • true
Region	Specifies the region where this snapshot is stored.
Type	Specifies the type of snapshot. Available values are as follows: <ul style="list-style-type: none"> • REGULAR • ON-DEMAND • GOLDEN
Overlay ID	Specifies the overlay ID.
Overlay	Specifies the overlay name and an ID.
Instance ID	Specifies the Cisco SD-WAN Manager instance ID.

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

View snapshots