

Manage snapshots manually

ONTAP 9

NetApp October 16, 2025

This PDF was generated from https://docs.netapp.com/us-en/ontap/data-protection/create-delete-snapshot-manually-task.html on October 16, 2025. Always check docs.netapp.com for the latest.

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Manage snapshots manually

Create and delete snapshots manually

You can create snapshots manually when you can't wait for a scheduled snapshot to be created, and you can delete snapshots when they are no longer needed.

About this task

This procedure applies to FAS, AFF, and ASA systems. If you have an ASA r2 system (ASA A1K, ASA A90, ASA A70, ASA A30, ASA A30, ASA A20, or ASA C30), follow these steps to create an on-demand snapshot. ASA r2 systems provide a simplified ONTAP experience specific to SAN-only customers.

Create a snapshot manually

You can manually create a snapshot using System Manager or the ONTAP CLI.

System Manager

Steps

- 1. Navigate to **Storage > Volumes** and select the **Snapshots** tab.
- 2. Click + Add.
- 3. In the Add a snapshot window, accept the default snapshot name or edit it if desired.
- 4. Optional: Add a SnapMirror label.
- 5. Click Add.

CLI

1. Create a snapshot:

```
volume snapshot create -vserver <SVM> -volume <volume> -snapshot
<snapshot name>
```

Delete snapshots manually

You can manually delete a snapshot using System Manager or the ONTAP CLI.

System Manager

Steps

- 1. Navigate to **Storage > Volumes** and select the **Snapshot copies** tab.
- 2. Locate the snapshot you want to delete, click 1, and select **Delete**.
- 3. In the **Delete snapshot** window, select **Delete snapshot**.
- 4. Click **Delete**.

CLI

1. Use the volume snapshot show command to verify which snapshots you want to delete.

```
volume snapshot show -vserver <SVM> -volume <volume>
```

In this example, the command shows the snapshots on the volume vol3 in the SVM vs3.

```
cluster::> volume snapshot show -vserver vs3 -volume vol3
                                            ---Blocks---
Vserver Volume Snapshot
                                     Size
                                            Total% Used%
vs3 vol3
               snap1.2013-05-01 0015
                                     100KB 0%
                                                 38%
               snap1.2013-05-08 0015
                                     76KB
                                            0% 32%
               snap2.2013-05-09 0010
                                            0 응
                                     76KB
                                                 32%
               snap2.2013-05-10 0010
                                     76KB
                                            0%
                                                32%
               snap3.2013-05-10 1005
                                     72KB
                                            0%
                                                31%
               snap3.2013-05-10 1105
                                     72KB
                                            0%
                                                 31%
               snap3.2013-05-10 1205
                                     72KB
                                            0%
                                                31%
               snap3.2013-05-10 1305
                                     72KB
                                            0%
                                                 31%
               snap3.2013-05-10 1405
                                     72KB
                                            0%
                                                31%
               snap3.2013-05-10 1505
                                     72KB
                                            0%
                                                 31%
10 entries were displayed.
```

2. Delete a snapshot:

If you want to	Enter this command
Delete a single snapshot	volume snapshot delete -vserver _svm_namevolume _vol_namesnapshot _snapshot_name_

If you want to	Enter this command			
Delete multiple snapshots	<pre>volume snapshot delete -vserver _svm_namevolume _vol_namesnapshot _snapshot_name1_[,_snapshot_name2_,]</pre>			
Delete all snapshots	volume snapshot delete -vserver _svm_namevolume _vol_name_ -snapshot *			

Calculate reclaimable space before deleting snapshots

Beginning with ONTAP 9.10.1, you can use System Manager to select snapshots you want to delete and calculate the reclaimable space before you delete them.

Steps

- 1. Click Storage > Volumes.
- 2. Select the volume from which you want to delete snapshots.
- 3. Click Snapshots.
- 4. Select one or more snapshots.
- 5. Click Calculate Reclaimable Space.

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