



# **Manage snapshots manually**

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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 A50, 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 , 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
```

Vserver	Volume	Snapshot	Size	---Blocks---	
				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	76KB	0%	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	<pre>volume snapshot delete -vserver _svm_name_ -volume _vol_name_ -snapshot _snapshot_name_</pre>

If you want to...	Enter this command...
Delete multiple snapshots	<pre> volume snapshot delete -vserver _svm_name_ -volume _vol_name_ -snapshot _snapshot_name1_[,_snapshot_nam e2_,...] </pre>
Delete all snapshots	<pre> volume snapshot delete -vserver _svm_name_ -volume _vol_name_ -snapshot * </pre>

## 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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