



# Restoring data from Snapshot copies

## OnCommand Unified Manager 9.5

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# Restoring data from Snapshot copies

When you lose data due to a disaster or because directories or files have been accidentally deleted, you can use Unified Manager to locate and restore the data from a Snapshot copy.

## About this task

You can restore data from two locations in the Unified Manager web UI.

## Steps

1. Restore data using one of the following tasks:
  - [Restore data from the Health/Volume details page](#).
  - [Restore data from the Health/Volumes page](#).

## Restoring data using the Health/Volume details page

You can restore overwritten or deleted files, directories, or an entire volume from a Snapshot copy by using the restore feature on the Health/Volume details page.

### Before you begin

You must have the OnCommand Administrator or Storage Administrator role.

### About this task

You cannot restore NTFS file streams.

The restore option is not available when:

- The volume ID is unknown: for example, when you have a intercluster relationship and the destination cluster has not yet been discovered.
- The volume is a FlexGroup volume.
- The volume is configured for SnapMirror Synchronous replication.

### Steps

1. In the **Protection** tab of the **Health/Volume** details page, right-click in the topology view the name of the volume that you want to restore.
2. Select **Restore** from the menu.

Alternatively, select **Restore** from the **Actions** menu to protect the current volume for which you are viewing the details.

The Restore dialog box is displayed.

3. Select the volume and Snapshot copy from which you want to restore data, if different from the default.

4. Select the items you want to restore.

You can restore the entire volume, or you can specify folders and files you want to restore.

5. Select the location to which you want the selected items restored: either **Original Location** or **Alternate Existing Location**.

6. If you select an alternate existing location, do one of the following:

- In the Restore Path text field, type the path of the location to which you want to restore the data and then click **Select Directory**.
- Click **Browse** to launch the Browse Directories dialog box and complete the following steps:
  - i. Select the cluster, SVM, and volume to which you want to restore.
  - ii. In the Name table, select a directory name.
  - iii. Click **Select Directory**.

7. Click **Restore**.

The restore process begins.



If a restore operation fails between Cloud Volumes ONTAP HA clusters with an NDMP error, you may need to add an explicit AWS route in the destination cluster so that the destination can communicate with the source system's cluster management LIF. You perform this configuration step using OnCommand Cloud Manager.

## Restoring data using the Health/Volumes inventory page

You can restore overwritten or deleted files, directories, or an entire volume from a Snapshot copy by using the restore feature on the Health/Volumes inventory page.

### Before you begin

You must have the OnCommand Administrator or Storage Administrator role.

### About this task

You cannot restore NTFS file streams.

The restore option is not available when:

- The volume ID is unknown: for example, when you have a intercluster relationship and the destination cluster has not yet been discovered.
- The volume is a FlexGroup volume.
- The volume is configured for SnapMirror Synchronous replication.

### Steps

1. In the **Health/Volumes** inventory page, select a volume from which you want to restore data.
2. From the toolbar, click **Restore**.

The Restore dialog box is displayed.

3. Select the volume and Snapshot copy from which you want to restore data, if different from the default.
4. Select the items you want to restore.

You can restore the entire volume, or you can specify folders and files you want to restore.

5. Select the location to which you want the selected items restored; either **Original Location** or **Alternate Location**.
6. Click **Restore**.

The restore process begins.

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