



# Managing data tiering from your clusters

## Cloud Manager

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# Managing data tiering from your clusters

Now that you've set up data tiering from your ONTAP clusters, you can tier data from additional volumes, change a volume's tiering policy, and more.




## Tiering data from additional volumes

Set up data tiering for additional volumes at any time—for example, after creating a new volume.

### Steps

1. At the top of Cloud Manager, click **OnPrem Tiering**.
2. From the **Cluster Dashboard**, click **Tier Volumes** for the cluster.
3. For each volume, click the  icon, select a tiering policy, optionally adjust the cooling days, and click **Apply**.

[Learn more about volume tiering policies.](#)

Tier Volumes							
Learn how much you can save with each Tiering Policy							
1 - 3 of 3 Volumes							
Volume Name ↑	SVM Name ↑	Volume Size ↑	Used Size ↑	Cold Data ↑		Tier Status [3] ⇅	Tiering Policy ↑
vol1	svm_AFF1	200 GB	3.8 MB	2.66 ...	70 %	✓ Tiered Volume	All user data 
vol2	svm_AFF1	400 GB	2.59 MB	1.81 ...	70 %	✓ Tiered Volume	Cold user data 
vol3	svm_AFF1	325 GB	2.59 MB	0 B	0 %	✓ Tiered Volume	Cold snapshots 



You don't need to configure the object storage because it was already configured when you initially set up tiering for the cluster. ONTAP will tier inactive data from these volumes to the same object store.

4. When you're done, click **Close**.

## Changing a volume's tiering policy

Changing the tiering policy for a volume changes how ONTAP tiers cold data to object storage. The change starts from the moment that you change the policy—it changes only the subsequent tiering behavior for the volume.

### Steps

1. At the top of Cloud Manager, click **OnPrem Tiering**.
2. From the **Cluster Dashboard**, click **Tier Volumes** for the cluster.

3. Click the  icon, select a tiering policy, optionally adjust the cooling days, and click **Apply**.

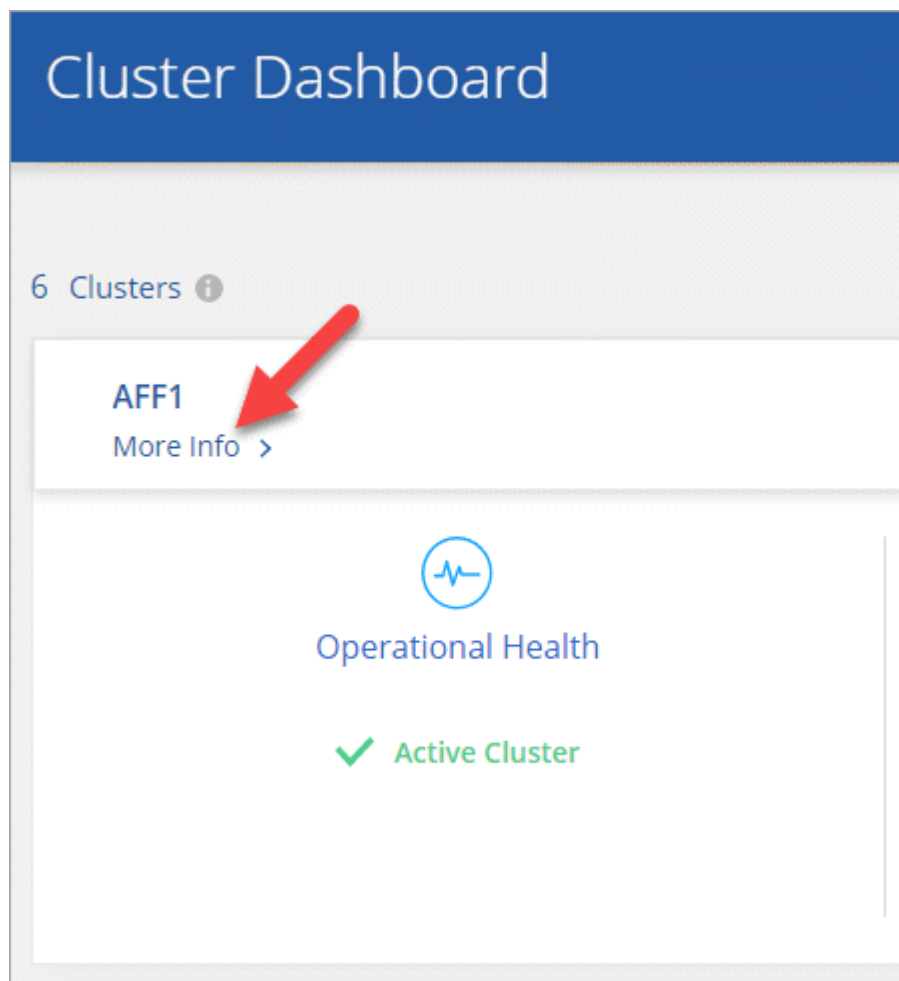
[Learn more about volume tiering policies.](#)

## Reviewing tiering info for a cluster

You might want to see how much data is in the cloud tier and how much data is on disks. Or, you might want to see the amount of hot and cold data on the cluster's disks. Cloud Tiering provides this information for each cluster.

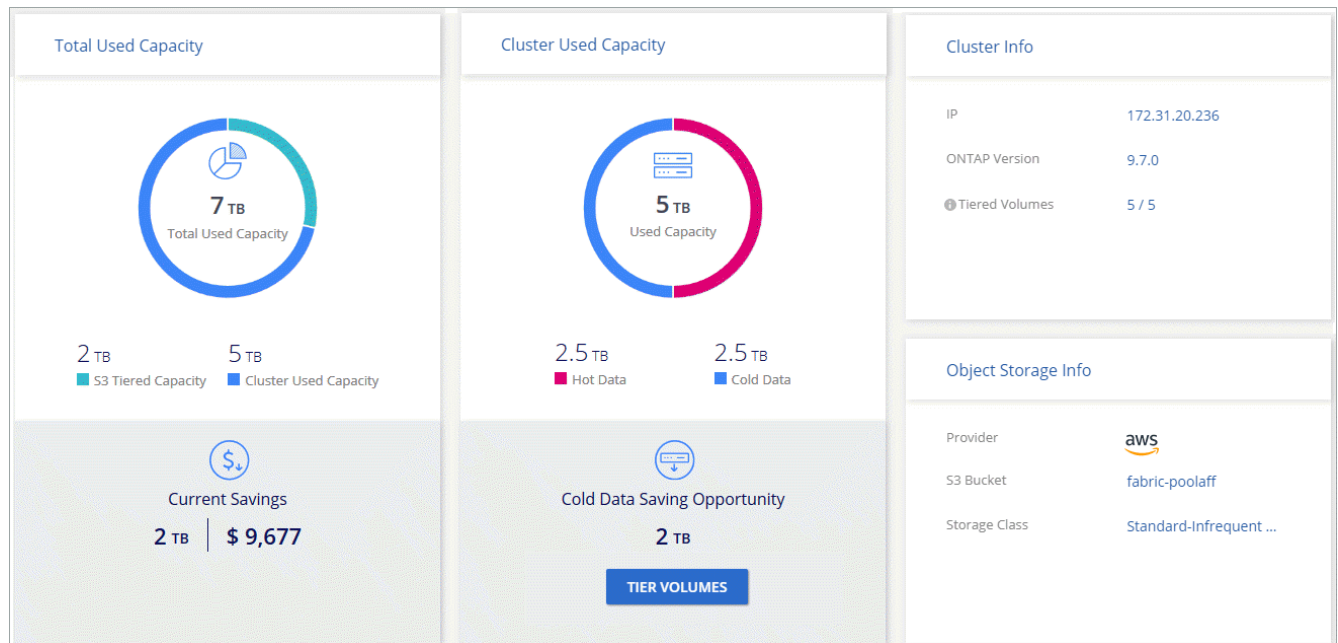
### Steps

1. At the top of Cloud Manager, click **OnPrem Tiering**.
2. From the **Cluster Dashboard**, click **More info** for a cluster.



3. Review details about the cluster.

Here's an example:

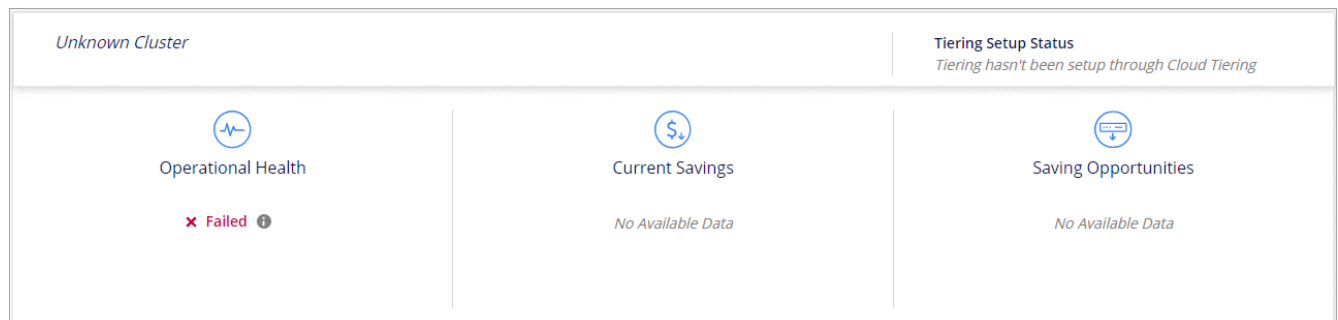


## Fixing operational health

Failures can happen. When they do, Cloud Tiering displays a "Failed" operational health status on the Cluster Dashboard. The health reflects the status of the ONTAP system and Cloud Manager.

### Steps

1. Identify any clusters that have an operational health of "Failed."



2. Hover over the **i** icon to see the failure reason.
3. Correct the issue:
  - a. Verify that the ONTAP cluster is operational and that it has an inbound and outbound connection to your object storage provider.
  - b. Verify that Cloud Manager has outbound connections to the Cloud Tiering service, to the object store, and to the ONTAP clusters that it discovers.

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