



Manage the storage backend

Astra Control Center

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Manage the storage backend

Managing storage clusters in Astra Control as a storage backend enables you to get linkages between persistent volumes (PVs) and the storage backend as well as additional storage metrics. You can monitor storage capacity and health details, including performance if Astra Control Center is connected to Cloud Insights.

For instructions on how to manage storage backends using the Astra API, see the [Astra Automation and API information](#).

You can complete the following tasks related to managing a storage backend:

- [Add a storage backend](#)
- [View storage backend details](#)
- [Unmanage a storage backend](#)

View storage backend details

You can view storage backend information from the Dashboard or from the Backends option.

View storage backend details from the Dashboard

Steps

1. From the left navigation, select **Dashboard**.
2. Review the Storage backend section that shows the state:
 - **Unhealthy**: The storage is not in an optimal state. This could be due to a latency issue or an app is degraded due to a container issue, for example.
 - **All healthy**: The storage has been managed and is in an optimal state.
 - **Discovered**: The storage has been discovered, but not managed by Astra Control.

View storage backend details from the Backends option

View information about the backend health, capacity, and performance (IOPS throughput and/or latency).

With a connection to Cloud Insights, you can see the volumes that the Kubernetes apps are using, which are stored on a selected storage backend.

Steps

1. In the left navigation area, select **Backends**.
2. Select the storage backend.



If you connected to NetApp Cloud Insights, excerpts of data from Cloud Insights appear on the Backends page.

Umeng-Aff300-05-06 Available

Storage backend status: **Healthy**

Capacity (Physical): 37.3% 7.93/21.28 TiB

Performance (Last 24 hrs): Throughput, MB/s

BASIC INFORMATION

Type: ONTAP 9.7.0 Cloud: private Credentials: Updated 2021/07/28 21:44 UTC

NETWORK

Cluster management IP address: 10.10.10.10

Persistent volumes

Name	Persistent volume	Capacity	App/s	Cluster/s	Cloud
trident_pvc_...	pvc-...	0.04/46.57 GiB: 0.1%	netapp-acc	openshift-cluster010	private
trident_pvc_...	pvc-...	0.34/23.28 GiB: 1.44%	netapp-acc	openshift-cluster010	private
trident_pvc_...	pvc-...	0.02/0.93 GiB: 2.33%	netapp-acc	openshift-cluster010	private
trident_pvc_...	pvc-...	3.02/50.00 GiB: 6.04%	netapp-acc polaris-mongodb-mongodb	openshift-cluster010	private
trident_pvc_...	pvc-...	0.19/8.00 GiB: 2.39%	apps-mysql mysql-mysql	openshift-cluster010	private
trident_pvc_...	pvc-...	0.41/50.00 GiB: 0.81%	netapp-acc polaris-influxdb2-polaris-influxdb2	openshift-cluster010	private
trident_pvc_...	pvc-...	2.93/50.00 GiB: 5.87%	netapp-acc polaris-mongodb-mongodb	openshift-cluster010	private
trident_pvc_...	pvc-...	0.03/10.00 GiB: 0.26%	netapp-acc polaris-consul-consul	openshift-cluster010	private

3. To go directly to Cloud Insights, click the **Cloud Insights** icon next to the metrics image.

Unmanage a storage backend

You can unmanage the backend.

Steps

1. From left navigation, select **Backends**.
2. Select the backend storage.
3. From the Actions menu, select **Unmanage**.
4. Type "unmanage" to confirm the removal.
5. Select **Yes, remove storage backend**.

Find more information

- [Use the Astra API](#)

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