



Protect your applications

NetApp Solutions

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Table of Contents

- Protect your applications 1
 - Creating an application snapshot 1
 - Creating an application backup 2
 - Restoring or cloning an application 3

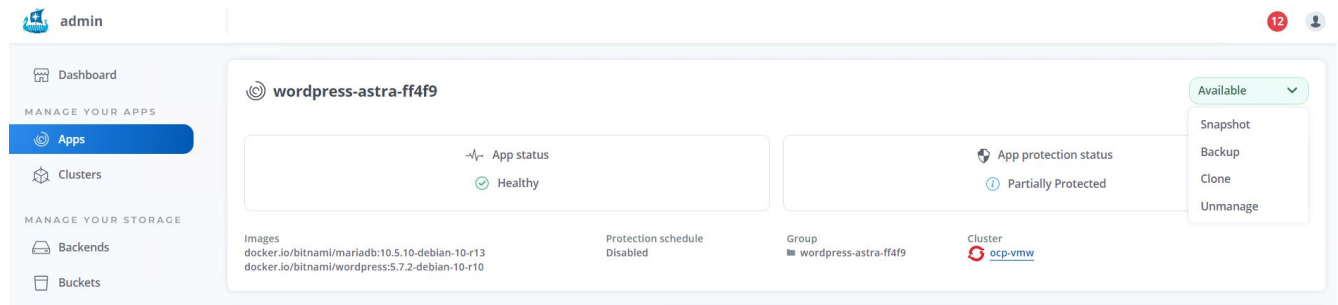
Protect your applications

After application workloads are managed by Astra Control Center, you can configure the protection settings for those workloads.


Creating an application snapshot

A snapshot of an application creates an ONTAP Snapshot copy that can be used to restore or clone the application to a specific point in time based on that Snapshot copy.

1. To take a snapshot of the application, navigate to the Apps > Managed tab and click the application you would like to make a Snapshot copy of. Click the dropdown menu next to the application name and click Snapshot.



2. Enter the snapshot details, click Review, and then click Snapshot. It takes about a minute to create the snapshot, and the status becomes Available after the snapshot is successfully created.

 Snapshot Application

STEP 1/2: DETAILS

×

SNAPSHOT DETAILS

Name

wordpress-astra-ff4f9-snapshot-20210729120451

OVERVIEW

Application snapshots

Astra Control can take a quick snapshot of your application configuration and persistent storage. Enter a snapshot name to get started.

Read more in [Protect apps](#).

Application

wordpress-astra-ff4f9

Namespace

wordpress-astra-ff4f9

Cluster

ocp-vmw

Cancel

Review →

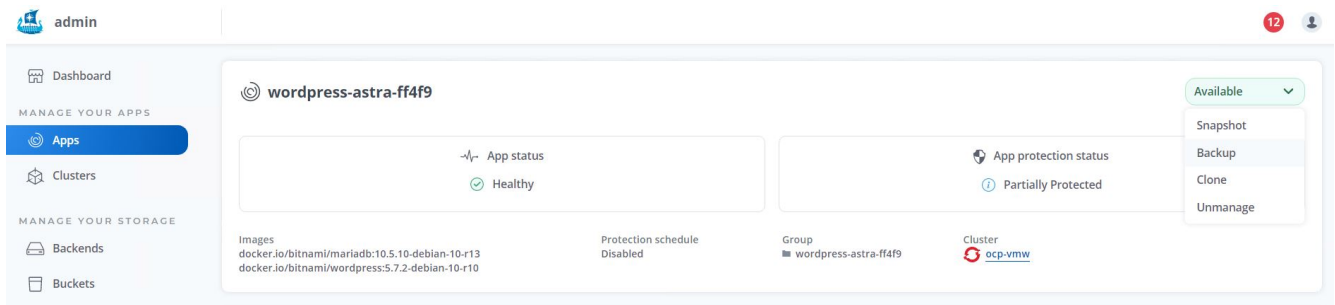
Creating an application backup

A backup of an application captures the active state of the application and the configuration of its resources, converts them into files, and stores them in a remote object storage bucket.

For the backup and restore of managed applications in the Astra Control Center, you must configure superuser settings for the backing ONTAP systems as a prerequisite. To do so, enter the following commands.

```
ONTAP::> export-policy rule modify -vserver ocp-trident -policyname
default -ruleindex 1 -superuser sys
ONTAP::> export-policy rule modify -policyname default -ruleindex 1 -anon
65534 -vserver ocp-trident
```

1. To create a backup of the managed application in the Astra Control Center, navigate to the Apps > Managed tab and click the application that you want to take a backup of. Click the dropdown menu next to the application name and click Backup.



2. Enter the backup details, select the object storage bucket to hold the backup files, click Review, and, after reviewing the details, click Backup. Depending on the size of the application and data, the backup can take several minutes, and the status of the backup becomes Available after the backup is completed successfully.

Backup application

STEP 1/2: DETAILS

X

BACKUP DETAILS

Name

wordpress-astra-ff4f9-backup-20210729120857

☐ Backup from an existing snapshot

BACKUP DESTINATION

Bucket

ocp-vmware2-astra-cc

Default

OVERVIEW

Application backups

Astra Control can take a backup of your application configuration and persistent storage. Persistent storage backups are transferred to your object store. Enter a backup name to get started.

Read more in [Application backups](#).

Application

wordpress-astra-ff4f9

Namespace

wordpress-astra-ff4f9

Cluster

ocp-vmw

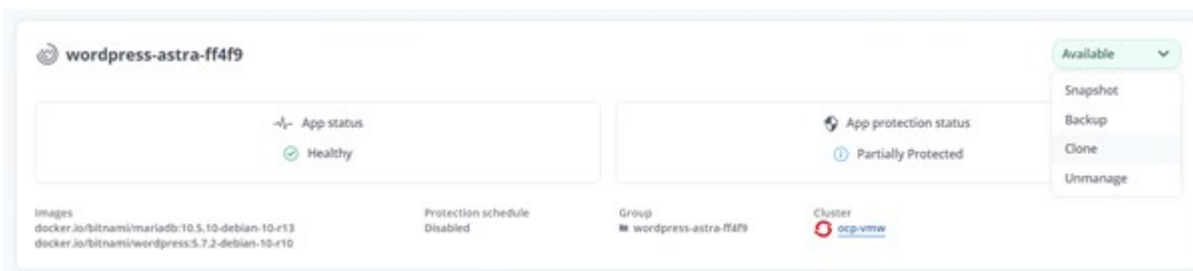
Cancel

Review →

Restoring or cloning an application

At the push of a button, you can restore an application to the originating cluster or clone it to a remote cluster for dev/test or application protection and disaster recovery purposes.

1. To restore or clone an application, navigate to the Apps > Managed tab and click the app in question. Click the dropdown menu next to the application name and click Clone.



2. Enter the details of the new namespace, select the cluster you want to restore or clone it to, and choose if you want to restore or clone it from an existing snapshot or from a backup of the current state of the application. Then click Review and click Clone after you have reviewed the details.

Clone application

STEP 1/2: DETAILS

×

CLONE DETAILS

Clone name

wordpress-astra-ff4f9-9e4b6

Clone namespace

wordpress-astra-ff4f9-9e4b6

Destination cluster

ocp-vmw

✓ Clone from an existing snapshot or backup

?

CLONE SOURCE

Filter

Snapshots

Backups

App Backup	Ready	On-Schedule/On-Demand	Created ↑
<div></div> <div>wordpress-astra-ff4f9-backup-20210729120857</div>	<div>✓</div>	<div>🕒 On-Demand</div>	<div>2021/07/29 11:57 UTC</div>

Cancel

Review →

OVERVIEW

Application cloning

Astra Control can create a clone of your application configuration and persistent storage. Persistent storage backups are transferred from your object store, so choosing a clone from an existing backup will complete the fastest. Enter a clone name to get started.

Read more in [Clone apps](#).

App

wordpress-astra-ff4f9

Namespace

wordpress-astra-ff4f9

Cluster

ocp-vmw

- The new application goes to the Discovering state while Astra Control Center creates the application on the selected cluster. After all the resources of the application are installed and detected by Astra, the application goes to the Available state.

Dashboard

MANAGE YOUR APPS

Apps

Clusters

MANAGE YOUR STORAGE

Backends

Buckets

MANAGE YOUR ACCOUNT

Account

Activity

Support

Apps

Actions

+ Define

🔍 Search

★ Managed

🔍 Discovered 179

🚫 Ignored

1-2 of 2 entries

Name ↓	Ready	Protected	Cluster	Group	Discovered	Actions
wordpress-astra-ff4f9	✓	🔍	ocp-vmw	wordpress-astra-ff4f9	2021/07/29 11:09 UTC	Available
wordpress-astra-ff4f9-9e4b6	✓	⚠️	ocp-vmw	wordpress-astra-ff4f9-9e4b6	2021/07/29 13:24 UTC	Available

Next: [Solution Validation/Use Cases](#).

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