



Before you begin

Astra Automation

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Before you begin

You can use these workflows as part of administering the applications within an Astra managed cluster.



These workflows can be expanded and enhanced by NetApp at any time and so you should review them periodically.

General preparation

Before using any of the Astra workflows, make sure to review [Prepare to use the workflows](#).

Workflow categories

The management workflows are organized in different categories to make it easier to locate the one you want.

Category	Description
Application control	These workflows allow you to control the managed and unmanaged applications. You can list the apps as well as create and remove a managed app.
Application protection	You can use these workflows to protect your managed applications through snapshots and backups.
Cloning and restoring apps	These workflow describe how to clone and restore your managed applications.
Support	There are several workflows available to debug and support your applications as well as the general Kubernetes environment.

Additional considerations

There are a several additional considerations when using the management workflows.

Cloning an app

There are a few things to consider when cloning an application. The parameters described below are part of the JSON input.

Source cluster identifier

The value of `sourceClusterID` always identifies the cluster where the original app is installed.

Cluster identifier

The value of `clusterID` identifies the cluster where the new app will be installed.

- When cloning within the same cluster, `clusterID` and `sourceClusterID` have the same value.
- When cloning across clusters, the two values are different and `clusterID` should be the ID of the target cluster.

Namespaces

The `namespace` value must be different than the original source app. Further, the namespace for the clone cannot exist and Astra will create it.

Backups and snapshots

You can optionally clone an application from an existing backup or snapshot using the `backupID` or `snapshotID` parameters. If you don't provide a backup or snapshot, Astra will create a backup of the application first and then clone from the backup.

Restoring an app

Here are a few things to consider when restoring an application.

- Restoring an application is very similar to the clone operation.
- When restoring an app, you must provide either a backup or snapshot.

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