



# **Add Kubernetes clusters**

## Kubernetes clusters

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# Add Kubernetes clusters

## Add an Azure Kubernetes cluster to Cloud Manager

You can discover or import Kubernetes clusters to Cloud Manager so that you can back up persistent volumes to Azure.

### Discover a cluster

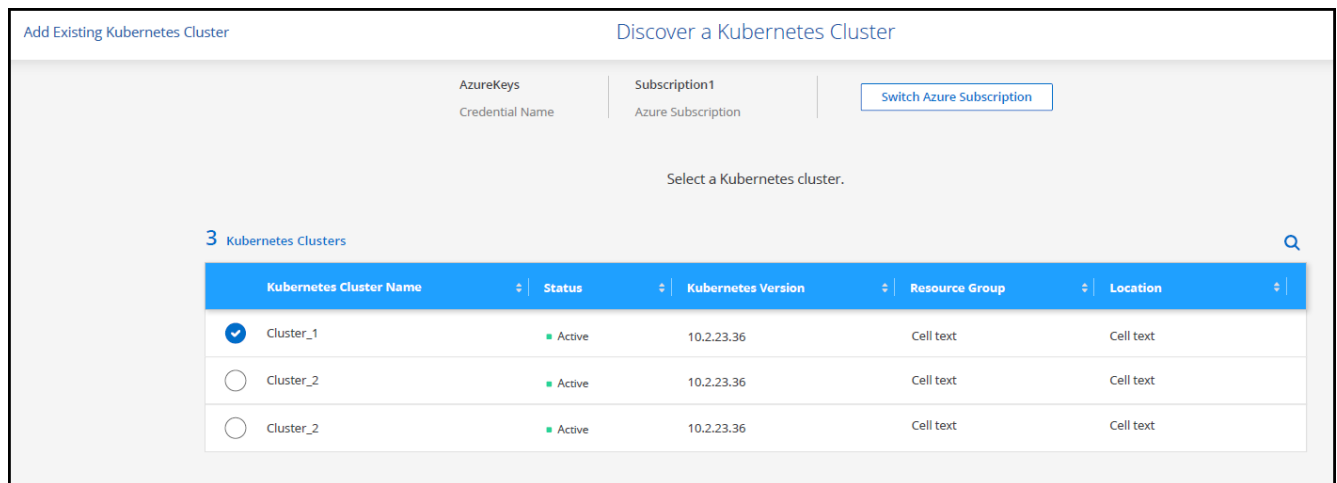
You can discover a fully-managed or self-managed Kubernetes cluster. Managed clusters must be discovered; they cannot be imported.

#### Steps

1. On the **Canvas**, click **Add Working Environment**.
2. Select **Microsoft Azure** > **Kubernetes Cluster** and click **Next**.

The screenshot shows the 'Add Working Environment' wizard. The first section, 'Choose a Location', has four options: Microsoft Azure (selected with a blue checkmark), Amazon Web Services, Google Cloud Platform, and On-Premises. The second section, 'Choose Type', has four options: Cloud Volumes ONTAP Single Node, Cloud Volumes ONTAP HA High Availability, Azure NetApp Files High Availability, and Kubernetes Cluster Any (selected with a blue checkmark). A blue 'Next' button is at the bottom.

3. Select **Discover Cluster** and click **Next**.
4. Select a Kubernetes cluster and click **Next**.



## Result

Cloud Manager adds the Kubernetes cluster to the Canvas.



## Import a Cluster

You can import a self-managed Kubernetes cluster using a Kubernetes configuration file.

## Before you get started

You will need Certificate Authority, Client Key, and Client Certificate certificates for the user specified in the cluster role YAML file to import Kubernetes clusters. The Kubernetes cluster administrator receives these certifications when creating users on the Kubernetes cluster.

### Steps

1. On the **Canvas**, click **Add Working Environment**.
2. Select **Microsoft Azure > Kubernetes Cluster** and click **Next**.
3. Select **Import Cluster** and click **Next**.
4. Upload a Kubernetes configuration file in YAML format.

Add Existing Kubernetes Cluster

Import Kubernetes Cluster

Upload a Kubernetes configuration file that's in YAML format

Kubernetes configuration file

minicubeconfig.txt

Upload

1 Cluster

	Kubernetes Cluster Name	Kubernetes Type	Kubernetes Version
✓	test2	Self Managed	v1.24.0

5. Upload the cluster certificates provided by your Kubernetes cluster administrator.

### Result

Cloud Manager adds the Kubernetes cluster to the Canvas.

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