Creating a Kubernetes cluster using the NetApp Kubernetes Service

HCI

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Creating a Kubernetes cluster using the NetApp Kubernetes Service

After you enable cloud services, you can create Kubernetes user clusters on a NetApp HCI on-premise system using the NetApp Kubernetes Service.

Prerequisites

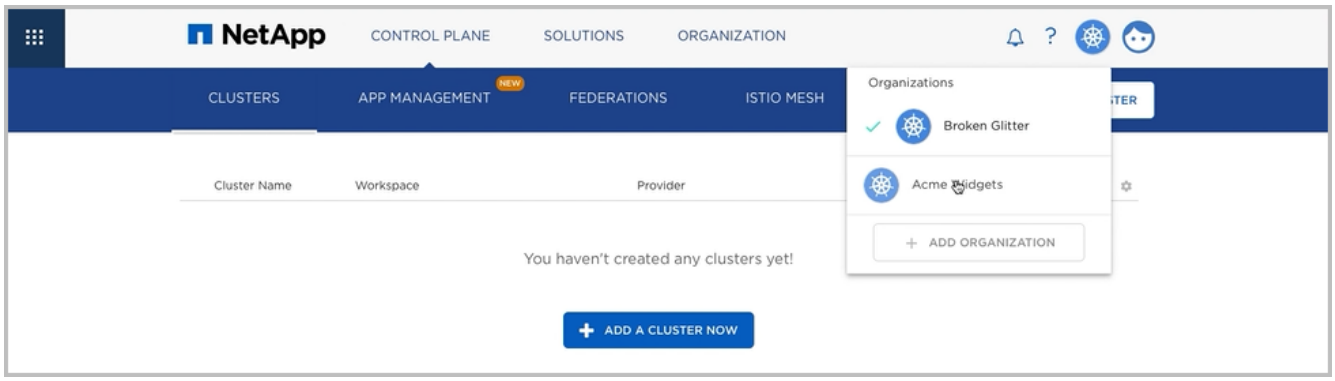
Before you use NetApp Kubernetes Service with NetApp HCI, you must enable the service using the NetApp Hybrid Cloud Control.
See information on deploying cloud services on NetApp HCI.

About this task

You create Kubernetes clusters, add them to a workspace, create a project within that workspace, and later add a solution to the project. After you create the clusters, those clusters are ready to accept application workloads, including predesigned or your own applications.

Logging in to NetApp Cloud Central

1. From NetApp Cloud Central, select **Products** > **NetApp Kubernetes Service**.
2. Log in using your Cloud Central credentials.



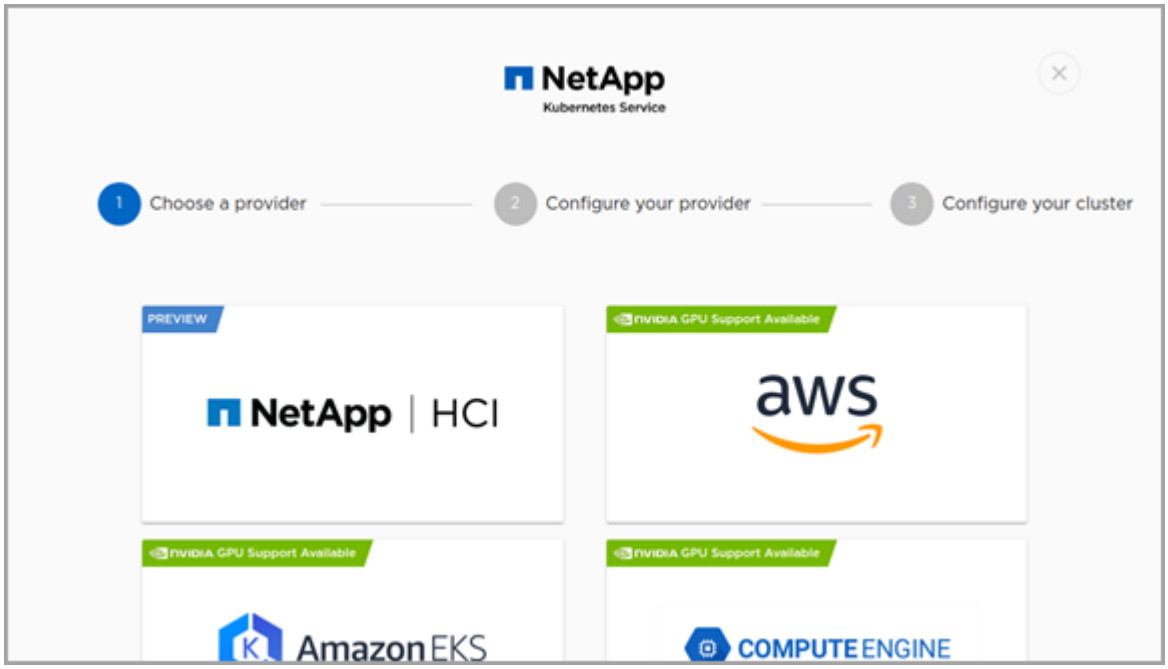
Choosing a provider

1. Click **Organizations** and choose your organization.

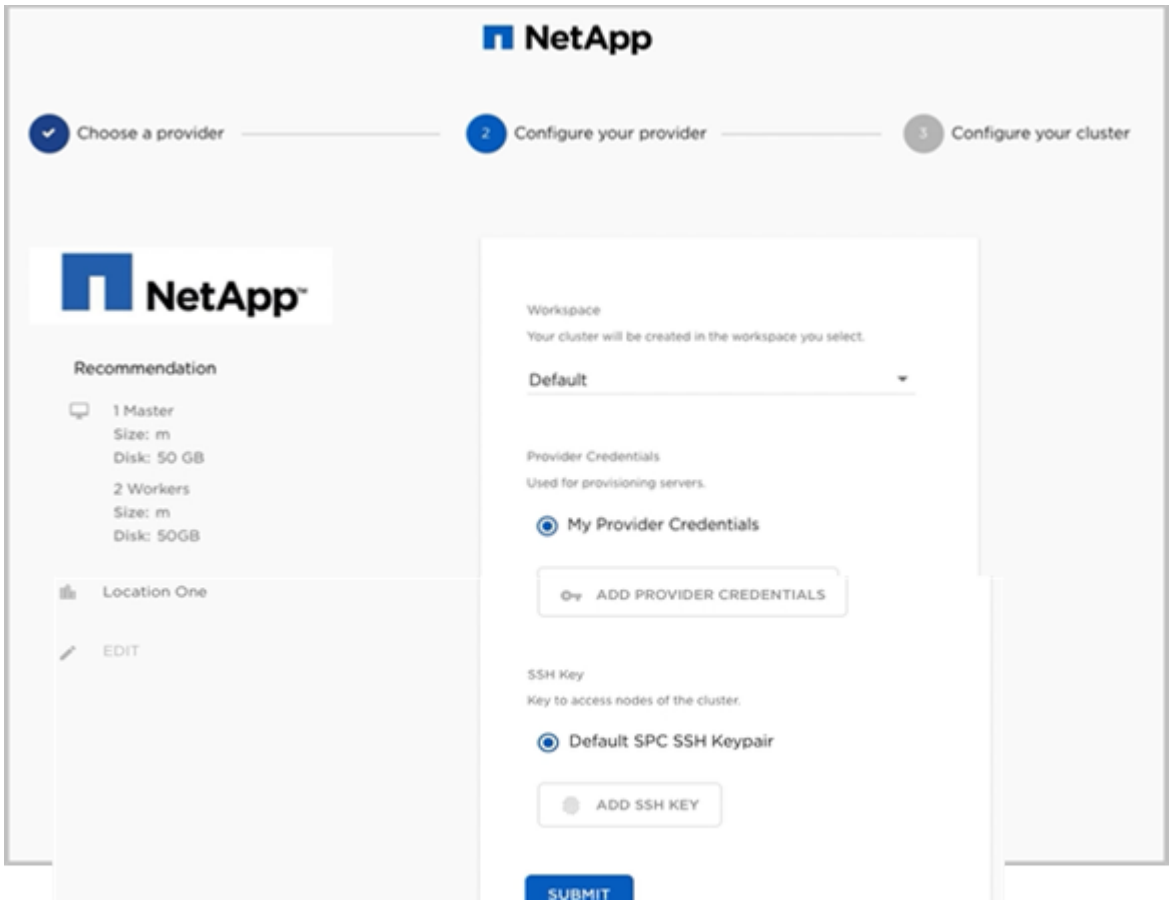
2. Click **Control Plane**.

3. Click **Add Cluster**.

   A list of providers appears, including NetApp HCI.



4. Choose **NetApp HCI** as the provider.



Configuring your provider

1. Select the region, the workspace in which the cluster will be located, and SSH key pair for the cluster.

   In most cases you can just accept the defaults.

2. To edit any of the default values for the cluster nodes, click **Edit** and customize the number, size, and disk space allotted to the cluster nodes. If there is more than one NetApp HCI installation in the organization, you can select additional systems.
3. Click **Submit**.

Configuring your cluster

1. Configure your Kubernetes cluster by entering the cluster name.
2. Typically, use the default settings.
3. Click **Submit**.

Result

The NetApp Kubernetes Service creates the cluster and displays it on the Clusters page.

Deleting a Kubernetes cluster

In the NKS preview environment, if you want to delete a Kubernetes cluster, contact NetApp Technical Support for assistance.
The NKS preview environment will be removed.

After you finish

Continue with Creating a project within a NetApp Kubernetes Service workspace you specified so that you can later add applications or solutions to the project.

Find more information

- NetApp Cloud Central
- NetApp Cloud Documentation
- NetApp Kubernetes Service Documentation

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