



Deploy Advanced Cluster Management for Kubernetes

NetApp Solutions

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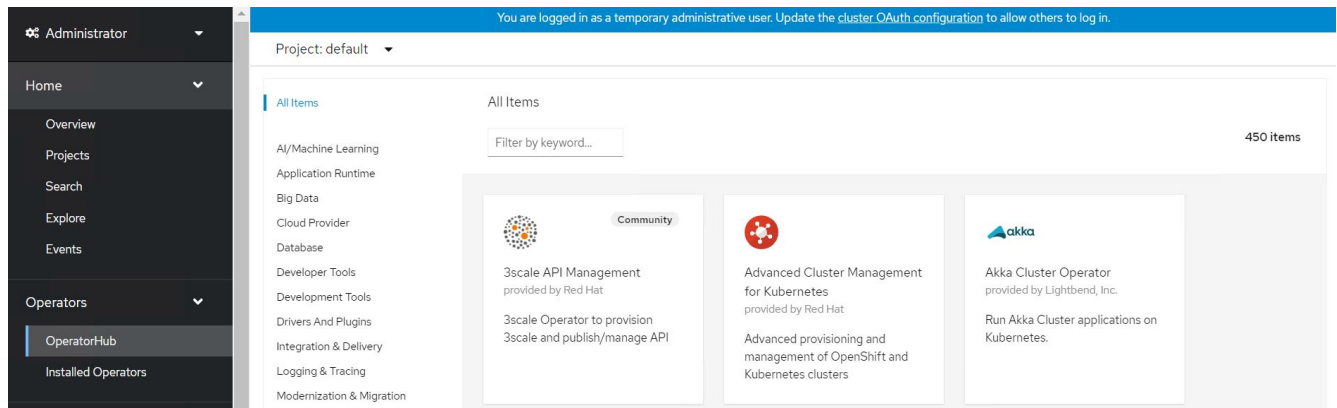
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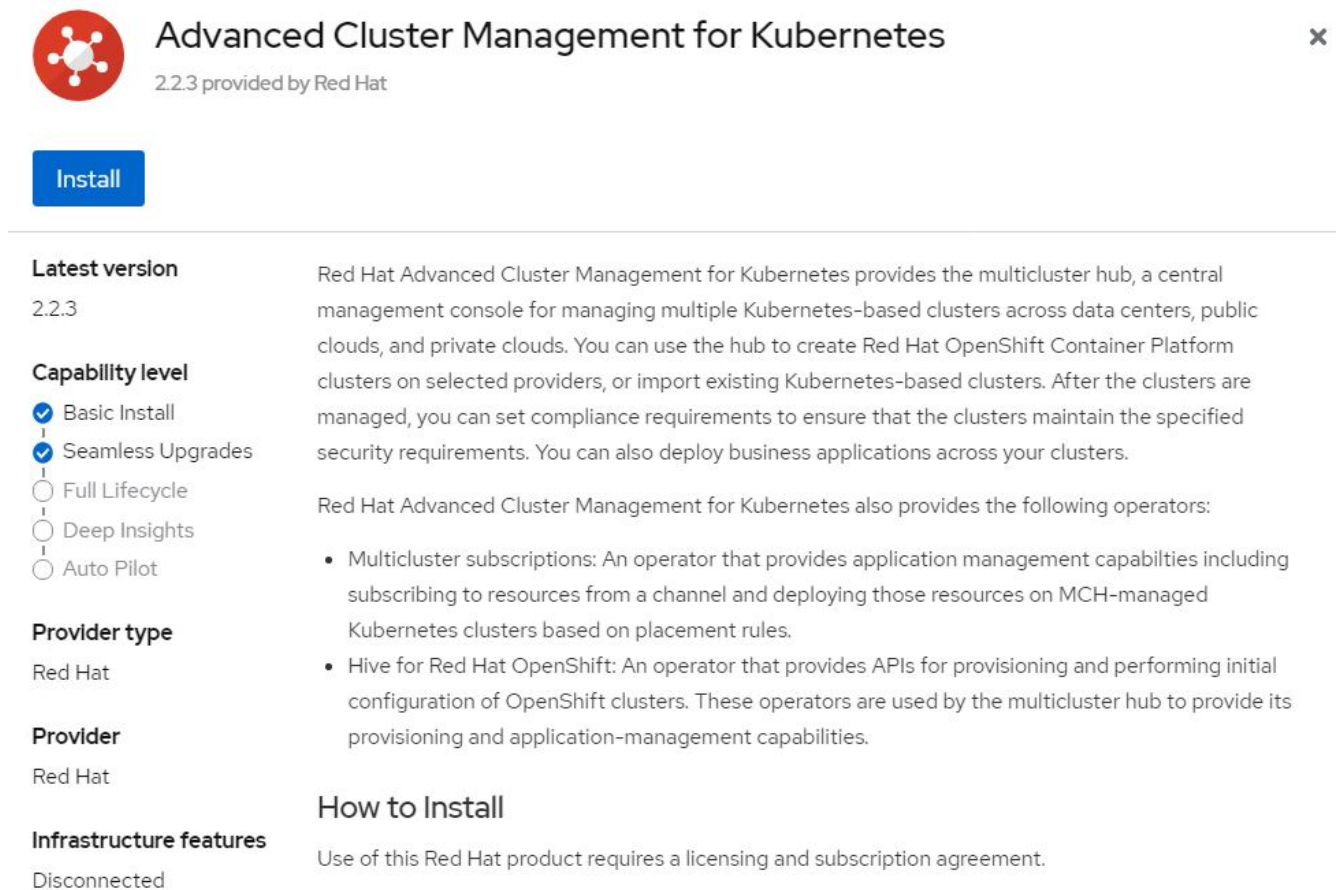
Deploy Advanced Cluster Management for Kubernetes

To install Advanced Cluster Management for Kubernetes on an OpenShift cluster, complete the following steps:

1. Choose an OpenShift cluster as the hub cluster and log into it with cluster-admin privileges.
2. Navigate to Operators > Operators Hub and search for Advanced Cluster Management for Kubernetes.



3. Select Advanced Cluster Management for Kubernetes and click Install.



4. On the Install Operator screen, provide the necessary details (NetApp recommends retaining the default parameters) and click Install.

Install Operator

Install your Operator by subscribing to one of the update channels to keep the Operator up to date. The strategy determines either manual or automatic updates.

Update channel *

- release-2.0
- release-2.1
- release-2.2

Installation mode *

- All namespaces on the cluster (default)
This mode is not supported by this Operator
- A specific namespace on the cluster
Operator will be available in a single Namespace only.

Installed Namespace *

- Operator recommended Namespace: **PR** open-cluster-management

i Namespace creation

Namespace **open-cluster-management** does not exist and will be created.

- Select a Namespace

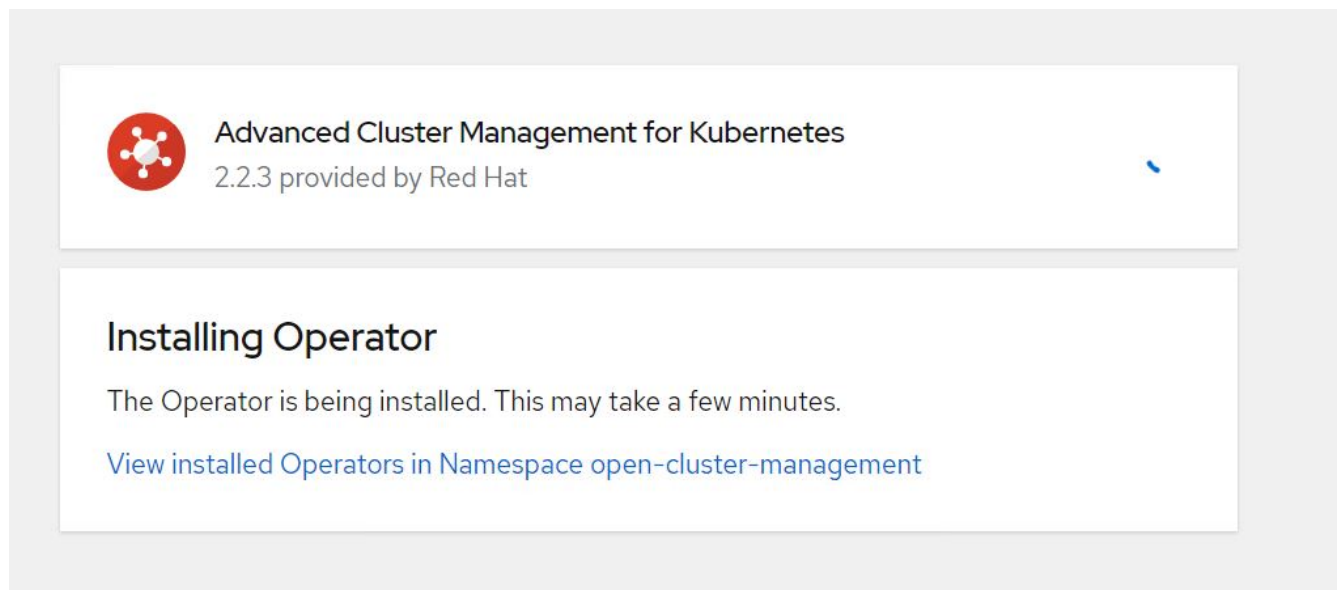
Approval strategy *


- Automatic
- Manual

Install

Cancel

5. Wait for the operator installation to complete.



 **Advanced Cluster Management for Kubernetes**
2.2.3 provided by Red Hat

Installing Operator

The Operator is being installed. This may take a few minutes.

[View installed Operators in Namespace open-cluster-management](#)

6. After the operator is installed, click Create MultiClusterHub.



Advanced Cluster Management for Kubernetes
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Installed operator - operand required

The Operator has installed successfully. Create the required custom resource to be able to use this Operator.

MCH MultiClusterHub ! Required

Advanced provisioning and management of OpenShift and Kubernetes clusters

Create MultiClusterHub

[View installed Operators in Namespace open-cluster-management](#)

7. On the Create MultiClusterHub screen, click Create after furnishing the details. This initiates the installation of a multi-cluster hub.

Project: open-cluster-management

Advanced Cluster Management for Kubernetes > Create MultiClusterHub

Create MultiClusterHub

Create by completing the form. Default values may be provided by the Operator authors.

Configure via: Form view YAML view

Note: Some fields may not be represented in this form view. Please select "YAML view" for full control.



MultiClusterHub

provided by Red Hat

MultiClusterHub defines the configuration for an instance of the MultiCluster Hub

Name *

multiclusterhub

Labels

app=frontend

> Advanced configuration



Create

Cancel

8. After all the pods move to the Running state in the open-cluster-management namespace and the operator moves to the Succeeded state, Advanced Cluster Management for Kubernetes is installed.


Installed Operators

Installed Operators are represented by ClusterServiceVersions within this Namespace. For more information, see the [Understanding Operators documentation](#). Or create an Operator and ClusterServiceVersion using the [Operator SDK](#).

Name	Managed Namespaces	Status	Provided APIs
 Advanced Cluster Management for Kubernetes 2.2.3 provided by Red Hat	NS open-cluster-management	 Succeeded Up to date	MultiClusterHub ClusterManager ClusterDeployment ClusterState View 25 more...

9. It takes some time to complete the hub installation, and, after it is done, the MultiCluster hub moves to Running state.

Installed Operators > Operator details



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Actions

[Details](#)
[YAML](#)
[Subscription](#)
[Events](#)
[All instances](#)
[MultiClusterHub](#)
[ClusterManager](#)
[ClusterDeployment](#)
[ClusterSt...](#)

MultiClusterHubs

Create MultiClusterHub

Name	Kind	Status	Labels
MCH multiclusterhub	MultiClusterHub	Phase:  Running	No labels



10. It creates a route in the open-cluster-management namespace. Connect to the URL in the route to access the Advanced Cluster Management console.

Routes

Create Route

Filter Name mul

Name mul Clear all filters

Name	Status	Location	Service
RT multcloud-console	 Accepted	https://multicloud-console.apps.ocp-vmware2.cie.netapp.com	 management-ingress

Next: [Features - Cluster Lifecycle Management.](#)

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