



# Red Hat Advanced Cluster Management for Kubernetes 2.2

## APIs

View a list of APIs that you can use to create and manage application resources, channels, subscriptions, and to query information.



## Red Hat Advanced Cluster Management for Kubernetes 2.2 APIs

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## Abstract

View a list of APIs that you can use to create and manage application resources, channels, subscriptions, and to query information.

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## CHAPTER 1. APIS

You can access APIs to create and manage application resources, channels, subscriptions, and to query information.

**User required access:** You can only perform actions that your role is assigned. Learn about access requirements from the [Role-based access control](#) documentation.

For more information, review the API documentation for each of the following resources:

- [Clusters API](#)
- [ClusterSets API \(v1alpha1\)](#)
- [ClusterSetBindings API \(v1alpha1\)](#)
- [Channels API](#)
- [Subscriptions API](#)
- [PlacementRules API](#)
- [Applications API](#)
- [Helm API](#)
- [Policy API](#)
- [Observability API](#)
- [Search customization API](#)
- [MultiClusterHub API](#)

### 1.1. CLUSTERS API

#### 1.1.1. Overview

This documentation is for the cluster resource for Red Hat Advanced Cluster Management for Kubernetes. Cluster resource has four possible requests: create, query, delete and update.

##### 1.1.1.1. Version information

*Version* : 2.2.0

##### 1.1.1.2. Contact information

*Contact Email* : [apiteam@swagger.io](mailto:apiteam@swagger.io)

##### 1.1.1.3. License information

*License* : Apache 2.0

*License URL* : <http://www.apache.org/licenses/LICENSE-2.0.html>

*Terms of service* : <http://swagger.io/terms/>

### 1.1.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

### 1.1.1.5. Tags

- cluster.open-cluster-management.io : Create and manage clusters

### 1.1.1.6. External Docs

*Description* : Find out more about Swagger.

*URL* : <http://swagger.io>

## 1.1.2. Paths

### 1.1.2.1. Query all clusters

GET /cluster.open-cluster-management.io/v1/managedclusters

#### 1.1.2.1.1. Description

Query your clusters for more details.

#### 1.1.2.1.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string

#### 1.1.2.1.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.1.2.1.4. Consumes

- **cluster/yaml**

#### 1.1.2.1.5. Tags

- cluster.open-cluster-management.io

#### 1.1.2.2. Create a cluster

POST /cluster.open-cluster-management.io/v1/managedclusters

##### 1.1.2.2.1. Description

Create a cluster

##### 1.1.2.2.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token.	string
Body	<b>body</b> <i>required</i>	Parameters describing the cluster to be created.	<a href="#">Cluster</a>

##### 1.1.2.2.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

##### 1.1.2.2.4. Consumes

- **cluster/yaml**

##### 1.1.2.2.5. Tags

- cluster.open-cluster-management.io

##### 1.1.2.2.6. Example HTTP request



### 1.1.2.2.6.1. Request body

```
{
  "apiVersion" : "cluster.open-cluster-management.io/v1",
  "kind" : "ManagedCluster",
  "metadata" : {
    "labels" : {
      "vendor" : "OpenShift"
    },
    "name" : "cluster1"
  },
  "spec": {
    "hubAcceptsClient": true,
    "managedClusterClientConfigs": [
      {
        "caBundle": "test",
        "url": "https://test.com"
      }
    ]
  },
  "status" : {}
}
```

### 1.1.2.3. Query a single cluster

```
GET /cluster.open-cluster-management.io/v1/managedclusters/{cluster_name}
```

#### 1.1.2.3.1. Description

Query a single cluster for more details.

#### 1.1.2.3.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>cluster_name</b> <i>required</i>	Name of the cluster that you want to query.	string

#### 1.1.2.3.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content

HTTP Code	Description	Schema
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.1.2.3.4. Tags

- cluster.open-cluster-management.io

#### 1.1.2.4. Delete a cluster

**DELETE** /cluster.open-cluster-management.io/v1/managedclusters/{cluster\_name}

##### 1.1.2.4.1. Description

Delete a single cluster

##### 1.1.2.4.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>cluster_name</b> <i>required</i>	Name of the cluster that you want to delete.	string

##### 1.1.2.4.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.1.2.4.4. Tags

- cluster.open-cluster-management.io

### 1.1.3. Definitions

#### 1.1.3.1. Cluster

Name	Schema
<b>apiVersion</b> <i>required</i>	string
<b>kind</b> <i>required</i>	string
<b>metadata</b> <i>required</i>	object
<b>spec</b> <i>required</i>	<a href="#">spec</a>

#### spec

Name	Schema
<b>hubAcceptsClient</b> <i>required</i>	bool
<b>managedClusterClientConfigs</b> <i>optional</i>	< <a href="#">managedClusterClientConfigs</a> > array
<b>leaseDurationSeconds</b> <i>optional</i>	integer (int32)

#### managedClusterClientConfigs

Name	Description	Schema
<b>URL</b> <i>required</i>		string
<b>CABundle</b> <i>optional</i>	Pattern : <code>"^([A-Za-z0-9+]{4})*([A-Za-z0-9+]{2})= [A-Za-z0-9+]{3}=)?\$"</code>	string (byte)

## 1.2. CLUSTERSETS API (V1ALPHA1)

## 1.2.1. Overview

This documentation is for the Clusterset resource for Red Hat Advanced Cluster Management for Kubernetes. Clusterset resource has four possible requests: create, query, delete and update.

### 1.2.1.1. Version information

*Version* : 2.2.0

### 1.2.1.2. Contact information

*Contact Email* : [apiteam@swagger.io](mailto:apiteam@swagger.io)

### 1.2.1.3. License information

*License* : Apache 2.0

*License URL* : <http://www.apache.org/licenses/LICENSE-2.0.html>

*Terms of service* : <http://swagger.io/terms/>

### 1.2.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

### 1.2.1.5. Tags

- cluster.open-cluster-management.io : Create and manage Clustersets

### 1.2.1.6. External Docs

*Description* : Find out more about Swagger.

*URL* : <http://swagger.io>

## 1.2.2. Paths

### 1.2.2.1. Query all clustersets

GET /cluster.open-cluster-management.io/v1alpha1/managedclustersets

#### 1.2.2.1.1. Description

Query your Clustersets for more details.

#### 1.2.2.1.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string

### 1.2.2.1.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

### 1.2.2.1.4. Consumes

- **clusterset/yaml**

### 1.2.2.1.5. Tags

- cluster.open-cluster-management.io

## 1.2.2.2. Create a clusterset

POST /cluster.open-cluster-management.io/v1alpha1/managedclustersets

### 1.2.2.2.1. Description

Create a Clusterset.

### 1.2.2.2.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Body	<b>body</b> <i>required</i>	Parameters describing the clusterset to be created.	<a href="#">Clusterset</a>

### 1.2.2.2.3. Responses

HTTP Code	Description	Schema
200	Success	No Content

HTTP Code	Description	Schema
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.2.2.2.4. Consumes

- `clusterset/yaml`

#### 1.2.2.2.5. Tags

- `cluster.open-cluster-management.io`

#### 1.2.2.2.6. Example HTTP request

##### 1.2.2.2.6.1. Request body

```
{
  "apiVersion": "cluster.open-cluster-management.io/v1alpha1",
  "kind": "ManagedClusterSet",
  "metadata": {
    "name": "clusterset1"
  },
  "spec": {},
  "status": {}
}
```

#### 1.2.2.3. Query a single clusterset

```
GET /cluster.open-cluster-management.io/v1alpha1/managedclustersets/{clusterset_name}
```

##### 1.2.2.3.1. Description

Query a single clusterset for more details.

##### 1.2.2.3.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string

Type	Name	Description	Schema
Path	<b>clusterset_name</b> <i>required</i>	Name of the clusterset that you want to query.	string

### 1.2.2.3.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

### 1.2.2.3.4. Tags

- cluster.open-cluster-management.io

### 1.2.2.4. Delete a clusterset

```
DELETE /cluster.open-cluster-management.io/v1alpha1/managedclustersets/{clusterset_name}
```

#### 1.2.2.4.1. Description

Delete a single clusterset.

#### 1.2.2.4.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>clusterset_name</b> <i>required</i>	Name of the clusterset that you want to delete.	string

#### 1.2.2.4.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.2.2.4.4. Tags

- `cluster.open-cluster-management.io`

### 1.2.3. Definitions

#### 1.2.3.1. Clusterset

Name	Schema
<code>apiVersion</code> <i>required</i>	string
<code>kind</code> <i>required</i>	string
<code>metadata</code> <i>required</i>	object

## 1.3. CLUSTERSETBINDINGS API (V1ALPHA1)

### 1.3.1. Overview

This documentation is for the clustersetbinding resource for Red Hat Advanced Cluster Management for Kubernetes. Clustersetbinding resource has four possible requests: create, query, delete and update.

#### 1.3.1.1. Version information

*Version* : 2.2.0

#### 1.3.1.2. Contact information

*Contact Email* : [apiteam@swagger.io](mailto:apiteam@swagger.io)



### 1.3.1.3. License information

License : Apache 2.0

License URL : <http://www.apache.org/licenses/LICENSE-2.0.html>

Terms of service : <http://swagger.io/terms/>

### 1.3.1.4. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

### 1.3.1.5. Tags

- cluster.open-cluster-management.io : Create and manage clustersetbindings

### 1.3.1.6. External Docs

Description : Find out more about Swagger.

URL : <http://swagger.io>

## 1.3.2. Paths

### 1.3.2.1. Query all clustersetbindings

GET /cluster.open-cluster-management.io/v1alpha1/namespaces/{namespace}/managedclustersetbindings

#### 1.3.2.1.1. Description

Query your clustersetbindings for more details.

#### 1.3.2.1.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

#### 1.3.2.1.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content

HTTP Code	Description	Schema
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.3.2.1.4. Consumes

- **clustersetbinding/yaml**

#### 1.3.2.1.5. Tags

- cluster.open-cluster-management.io

### 1.3.2.2. Create a clustersetbinding

POST /cluster.open-cluster-management.io/v1alpha1/namespaces/{namespace}/managedclustersetbindings

#### 1.3.2.2.1. Description

Create a clustersetbinding.

#### 1.3.2.2.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string
Body	<b>body</b> <i>required</i>	Parameters describing the clustersetbinding to be created.	<a href="#">Clustersetbinding</a>

#### 1.3.2.2.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content

HTTP Code	Description	Schema
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.3.2.2.4. Consumes

- `clustersetbinding/yaml`

#### 1.3.2.2.5. Tags

- `cluster.open-cluster-management.io`

#### 1.3.2.2.6. Example HTTP request

##### 1.3.2.2.6.1. Request body

```
{
  "apiVersion" : "cluster.open-cluster-management.io/v1alpha1",
  "kind" : "ManagedClusterSetBinding",
  "metadata" : {
    "name" : "clusterset1",
    "namespace" : "ns1"
  },
  "spec": {
    "clusterSet": "clusterset1"
  },
  "status" : {}
}
```

#### 1.3.2.3. Query a single clustersetbinding

```
GET /cluster.open-cluster-
management.io/v1alpha1/namespaces/{namespace}/managedclustersetbindings/{clustersetbinding_name}
```

##### 1.3.2.3.1. Description

Query a single clustersetbinding for more details.

##### 1.3.2.3.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string
Path	<b>clustersetbinding_name</b> <i>required</i>	Name of the clustersetbinding that you want to query.	string

### 1.3.2.3.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

### 1.3.2.3.4. Tags

- cluster.open-cluster-management.io

### 1.3.2.4. Delete a clustersetbinding

```
DELETE /cluster.open-cluster-management.io/v1alpha1/managedclustersetbindings/{clustersetbinding_name}
```

#### 1.3.2.4.1. Description

Delete a single clustersetbinding.

#### 1.3.2.4.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string

Type	Name	Description	Schema
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string
Path	<b>clustersetbinding_name</b> <i>required</i>	Name of the clustersetbinding that you want to delete.	string

### 1.3.2.4.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

### 1.3.2.4.4. Tags

- cluster.open-cluster-management.io

## 1.3.3. Definitions

### 1.3.3.1. Clustersetbinding

Name	Schema
<b>apiVersion</b> <i>required</i>	string
<b>kind</b> <i>required</i>	string
<b>metadata</b> <i>required</i>	object
<b>spec</b> <i>required</i>	<a href="#">spec</a>

**spec**

Name	Schema
<b>clusterSet</b> <i>required</i>	string

## 1.4. CHANNELS API

### 1.4.1. Overview

This documentation is for the Channel resource for Red Hat Advanced Cluster Management for Kubernetes. The Channel resource has four possible requests: create, query, delete and update.

#### 1.4.1.1. Version information

*Version* : 2.2.0

#### 1.4.1.2. Contact information

*Contact Email* : [apiteam@swagger.io](mailto:apiteam@swagger.io)

#### 1.4.1.3. License information

*License* : Apache 2.0

*License URL* : <http://www.apache.org/licenses/LICENSE-2.0.html>

*Terms of service* : <http://swagger.io/terms/>

#### 1.4.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.4.1.5. Tags

- channels.apps.open-cluster-management.io : Create and manage deployables

#### 1.4.1.6. External Docs

*Description* : Find out more about Swagger.

*URL* : <http://swagger.io>

### 1.4.2. Paths

#### 1.4.2.1. Create a channel

POST /apps.open-cluster-management.io/v1/namespaces/{namespace}/channels

##### 1.4.2.1.1. Description

Create a channel.

#### 1.4.2.1.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string
Body	<b>body</b> <i>required</i>	Parameters describing the deployable to be created.	<a href="#">Channel</a>

#### 1.4.2.1.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.4.2.1.4. Consumes

- **application/yaml**

#### 1.4.2.1.5. Tags

- channels.apps.open-cluster-management.io

#### 1.4.2.1.6. Example HTTP request

##### 1.4.2.1.6.1. Request body

```
{
  "apiVersion": "apps.open-cluster-management.io/v1",
  "kind": "Channel",
  "metadata": {
    "name": "sample-channel",
    "namespace": "default"
  },
}
```

```

"spec": {
  "configMapRef": {
    "kind": "configmap",
    "name": "bookinfo-resource-filter-configmap"
  },
  "pathname": "https://charts.helm.sh/stable",
  "type": "HelmRepo"
}
}

```

#### 1.4.2.2. Query all channels for the target namespace

GET /apps.open-cluster-management.io/v1/namespaces/{namespace}/channels

##### 1.4.2.2.1. Description

Query your channels for more details.

##### 1.4.2.2.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

##### 1.4.2.2.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

##### 1.4.2.2.4. Consumes

- **application/yaml**

##### 1.4.2.2.5. Tags



- channels.apps.open-cluster-management.io

### 1.4.2.3. Query a single channels of a namespace

```
GET /apps.open-cluster-management.io/v1/namespaces/{namespace}/channels/{channel_name}
```

#### 1.4.2.3.1. Description

Query a single channels for more details.

#### 1.4.2.3.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>channel_name</b> <i>required</i>	Name of the deployable that you wan to query.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

#### 1.4.2.3.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.4.2.3.4. Tags

- channels.apps.open-cluster-management.io

### 1.4.2.4. Delete a Channel

```
DELETE /apps.open-cluster-management.io/v1/namespaces/{namespace}/channels/{channel_name}
```

#### 1.4.2.4.1. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>channel_name</b> <i>required</i>	Name of the Channel that you want to delete.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

#### 1.4.2.4.2. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.4.2.4.3. Tags

- `channels.apps.open-cluster-management.io`

### 1.4.3. Definitions

#### 1.4.3.1. Channel

Name	Schema
<b>apiVersion</b> <i>required</i>	string
<b>kind</b> <i>required</i>	string
<b>metadata</b> <i>required</i>	object

Name	Schema
<b>spec</b> <i>required</i>	<a href="#">spec</a>

## spec

Name	Description	Schema
<b>configMapRef</b> <i>optional</i>	ObjectReference contains enough information to let you inspect or modify the referred object.	<a href="#">configMapRef</a>
<b>gates</b> <i>optional</i>	ChannelGate defines criteria for promote to channel	<a href="#">gates</a>
<b>pathname</b> <i>required</i>		string
<b>secretRef</b> <i>optional</i>	ObjectReference contains enough information to let you inspect or modify the referred object.	<a href="#">secretRef</a>
<b>sourceNamespaces</b> <i>optional</i>		< enum (Namespace, HelmRepo, ObjectBucket, Git, namespace, helmrepo, objectbucket, github) > array

## configMapRef

Name	Description	Schema
<b>apiVersion</b> <i>optional</i>	API version of the referent.	string
<b>fieldPath</b> <i>optional</i>	If referring to a piece of an object instead of an entire object, this string should contain a valid JSON/Go field access statement, such as desiredState.manifest.containers[2]. For example, if the object reference is to a container within a pod, this would take on a value like "spec.containers{name}" (where "name" refers to the name of the container that triggered the event) or if no container name is specified "spec.containers[2]" (container with index 2 in this pod). This syntax is chosen only to have some well-defined way of referencing a part of an object. TODO: this design is not final and this field is subject to change in the future.	string

Name	Description	Schema
<b>kind</b> <i>optional</i>	Kind of the referent. More info: <a href="https://git.k8s.io/community/contributors/devel/api-conventions.md#types-kinds">https://git.k8s.io/community/contributors/devel/api-conventions.md#types-kinds</a>	string
<b>name</b> <i>optional</i>	Name of the referent. More info: <a href="#">Names</a>	string
<b>namespace</b> <i>optional</i>	Namespace of the referent. More info: <a href="https://kubernetes.io/docs/concepts/overview/working-with-objects/namespaces/">https://kubernetes.io/docs/concepts/overview/working-with-objects/namespaces/</a>	string
<b>resourceVersion</b> <i>optional</i>	Specific resourceVersion to which this reference is made, if any. More info: <a href="https://git.k8s.io/community/contributors/devel/api-conventions.md#concurrency-control-and-consistency">https://git.k8s.io/community/contributors/devel/api-conventions.md#concurrency-control-and-consistency</a>	string
<b>uid</b> <i>optional</i>	UID of the referent. More info: <a href="#">UIDs</a>	string

## gates

Name	Description	Schema
<b>annotations</b> <i>optional</i>	typical annotations of k8s	<a href="#">annotations</a>
<b>labelSelector</b> <i>optional</i>	A label selector is a label query over a set of resources. The result of matchLabels and matchExpressions are ANDed. An empty label selector matches all objects. A null label selector matches no objects.	<a href="#">labelSelector</a>
<b>name</b> <i>optional</i>		string

## annotations

Name	Schema
<b>key</b> <i>optional</i>	string
<b>value</b> <i>optional</i>	string

## labelSelector

Name	Description	Schema
<b>matchExpressions</b> <i>optional</i>	matchExpressions is a list of label selector requirements. The requirements are ANDed.	< <a href="#">matchExpressions</a> > array
<b>matchLabels</b> <i>optional</i>	matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.	< string, string > map

## matchExpressions

Name	Description	Schema
<b>key</b> <i>required</i>	key is the label key that the selector applies to.	string
<b>operator</b> <i>required</i>	operator represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists and DoesNotExist.	string
<b>values</b> <i>optional</i>	values is an array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. This array is replaced during a strategic merge patch.	< string > array

## secretRef

Name	Description	Schema
<b>apiVersion</b> <i>optional</i>	API version of the referent.	string
<b>fieldPath</b> <i>optional</i>	If referring to a piece of an object instead of an entire object, this string should contain a valid JSON/Go field access statement, such as desiredState.manifest.containers[2]. For example, if the object reference is to a container within a pod, this would take on a value like: "spec.containers{name}" (where "name" refers to the name of the container that triggered the event) or if no container name is specified "spec.containers[2]" (container with index 2 in this pod). This syntax is chosen only to have some well-defined way of referencing a part of an object. TODO: this design is not final and this field is subject to change in the future.	string
<b>kind</b> <i>optional</i>	Kind of the referent. More info: <a href="https://git.k8s.io/community/contributors/devel/api-conventions.md#types-kinds">https://git.k8s.io/community/contributors/devel/api-conventions.md#types-kinds</a>	string

Name	Description	Schema
<b>name</b> <i>optional</i>	Name of the referent. More info: <a href="#">Names</a>	string
<b>namespace</b> <i>optional</i>	Namespace of the referent. More info: <a href="https://kubernetes.io/docs/concepts/overview/working-with-objects/namespaces/">https://kubernetes.io/docs/concepts/overview/working-with-objects/namespaces/</a>	string
<b>resourceVersion</b> <i>optional</i>	Specific resourceVersion to which this reference is made, if any. More info: <a href="https://git.k8s.io/community/contributors/devel/api-conventions.md#concurrency-control-and-consistency">https://git.k8s.io/community/contributors/devel/api-conventions.md#concurrency-control-and-consistency</a>	string
<b>uid</b> <i>optional</i>	UID of the referent. More info: <a href="#">UIIDs</a>	string

## 1.5. SUBSCRIPTIONS API

### 1.5.1. Overview

This documentation is for the Subscription resource for Red Hat Advanced Cluster Management for Kubernetes. The Subscription resource has four possible requests: create, query, delete and update.

#### 1.5.1.1. Version information

*Version* : 2.2.0

#### 1.5.1.2. Contact information

*Contact Email* : [apiteam@swagger.io](mailto:apiteam@swagger.io)

#### 1.5.1.3. License information

*License* : Apache 2.0

*License URL* : <http://www.apache.org/licenses/LICENSE-2.0.html>

*Terms of service* : <http://swagger.io/terms/>

#### 1.5.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.5.1.5. Tags

- `subscriptions.apps.open-cluster-management.io` : Create and manage subscriptions

#### 1.5.1.6. External Docs

*Description* : Find out more about Swagger.

*URL* : <http://swagger.io>

## 1.5.2. Paths

### 1.5.2.1. Create a subscription

POST /apps.open-cluster-management.io/v1/namespaces/{namespace}/subscriptions

#### 1.5.2.1.1. Description

Create a subscription.

#### 1.5.2.1.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string
Body	<b>body</b> <i>required</i>	Parameters describing the subscription to be created.	<a href="#">Subscription</a>

#### 1.5.2.1.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.5.2.1.4. Consumes

- **subscription/yaml**

#### 1.5.2.1.5. Tags

- subscriptions.apps.open-cluster-management.io

### 1.5.2.1.6. Example HTTP request

#### 1.5.2.1.6.1. Request body

```
{
  "apiVersion" : "apps.open-cluster-management.io/v1",
  "kind" : "Subscription",
  "metadata" : {
    "name" : "sample_subscription",
    "namespace" : "default",
    "labels" : {
      "app" : "sample_subscription-app"
    },
    "annotations" : {
      "apps.open-cluster-management.io/git-path" : "apps/sample/",
      "apps.open-cluster-management.io/git-branch" : "sample_branch"
    }
  },
  "spec" : {
    "channel" : "channel_namespace/sample_channel",
    "packageOverrides" : [ {
      "packageName" : "my-sample-application",
      "packageAlias" : "the-sample-app",
      "packageOverrides" : [ {
        "path" : "spec",
        "value" : {
          "persistence" : {
            "enabled" : false,
            "useDynamicProvisioning" : false
          },
          "license" : "accept",
          "tls" : {
            "hostname" : "my-mcm-cluster.icp"
          },
          "sso" : {
            "registrationImage" : {
              "pullSecret" : "hub-repo-docker-secret"
            }
          }
        }
      }
    ]
  },
  "placement" : {
    "placementRef" : {
      "kind" : "PlacementRule",
      "name" : "demo-clusters"
    }
  }
}
}
```

#### 1.5.2.2. Query all subscriptions

```
GET /apps.open-cluster-management.io/v1/namespaces/{namespace}/subscriptions
```



### 1.5.2.2.1. Description

Query your subscriptions for more details.

### 1.5.2.2.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

### 1.5.2.2.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

### 1.5.2.2.4. Consumes

- **subscription/yaml**

### 1.5.2.2.5. Tags

- subscriptions.apps.open-cluster-management.io

## 1.5.2.3. Query a single subscription

```
GET /apps.open-cluster-management.io/v1/namespaces/{namespace}/subscriptions/{subscription_name}
```

### 1.5.2.3.1. Description

Query a single subscription for more details.

### 1.5.2.3.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string
Path	<b>subscription_name</b> <i>required</i>	Name of the subscription that you want to query.	string

### 1.5.2.3.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

### 1.5.2.3.4. Tags

- subscriptions.apps.open-cluster-management.io

### 1.5.2.4. Delete a subscription

**DELETE** /apps.open-cluster-management.io/v1/namespaces/{namespace}/subscriptions/{subscription\_name}

#### 1.5.2.4.1. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

Type	Name	Description	Schema
Path	<b>subscription_name</b> <i>required</i>	Name of the subscription that you want to delete.	string

#### 1.5.2.4.2. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.5.2.4.3. Tags

- `subscriptions.apps.open-cluster-management.io`

### 1.5.3. Definitions

#### 1.5.3.1. Subscription

Name	Schema
<b>apiVersion</b> <i>required</i>	string
<b>kind</b> <i>required</i>	string
<b>metadata</b> <i>required</i>	<a href="#">metadata</a>
<b>spec</b> <i>required</i>	<a href="#">spec</a>

Name	Schema
<b>status</b> <i>optional</i>	<a href="#">status</a>

### metadata

Name	Schema
<b>annotations</b> <i>optional</i>	object
<b>labels</b> <i>optional</i>	object
<b>name</b> <i>optional</i>	string
<b>namespace</b> <i>optional</i>	string

### spec

Name	Schema
<b>channel</b> <i>required</i>	string
<b>name</b> <i>optional</i>	string
<b>overrides</b> <i>optional</i>	< <a href="#">overrides</a> > array
<b>packageFilter</b> <i>optional</i>	<a href="#">packageFilter</a>
<b>packageOverrides</b> <i>optional</i>	< <a href="#">packageOverrides</a> > array
<b>placement</b> <i>optional</i>	<a href="#">placement</a>
<b>timewindow</b> <i>optional</i>	<a href="#">timewindow</a>

### overrides

Name	Schema
<b>clusterName</b> <i>required</i>	string
<b>clusterOverrides</b> <i>required</i>	< object > array

### packageFilter

Name	Description	Schema
<b>annotations</b> <i>optional</i>		< string, string > map
<b>filterRef</b> <i>optional</i>		<a href="#">filterRef</a>
<b>labelSelector</b> <i>optional</i>		<a href="#">labelSelector</a>
<b>version</b> <i>optional</i>	Pattern : <b>"()(\\.[0-9])(\\.) (\\.[0-9])?(\\.[xX])"</b>	string

### filterRef

Name	Schema
<b>name</b> <i>optional</i>	string

### labelSelector

Name	Schema
<b>matchExpressions</b> <i>optional</i>	< <a href="#">matchExpressions</a> > array
<b>matchLabels</b> <i>optional</i>	< string, string > map

### matchExpressions

Name	Schema
<b>key</b> <i>required</i>	string
<b>operator</b> <i>required</i>	string
<b>values</b> <i>optional</i>	< string > array

### packageOverrides

Name	Schema
<b>packageAlias</b> <i>optional</i>	string
<b>packageName</b> <i>required</i>	string
<b>packageOverrides</b> <i>optional</i>	< object > array

### placement

Name	Schema
<b>clusterSelector</b> <i>optional</i>	<a href="#">clusterSelector</a>
<b>clusters</b> <i>optional</i>	< <a href="#">clusters</a> > array
<b>local</b> <i>optional</i>	boolean
<b>placementRef</b> <i>optional</i>	<a href="#">placementRef</a>

### clusterSelector

Name	Schema
<b>matchExpressions</b> <i>optional</i>	< <a href="#">matchExpressions</a> > array
<b>matchLabels</b> <i>optional</i>	< string, string > map

### matchExpressions

Name	Schema
<b>key</b> <i>required</i>	string
<b>operator</b> <i>required</i>	string
<b>values</b> <i>optional</i>	< string > array

### clusters

Name	Schema
<b>name</b> <i>required</i>	string

### placementRef

Name	Schema
<b>apiVersion</b> <i>optional</i>	string
<b>fieldPath</b> <i>optional</i>	string
<b>kind</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>namespace</b> <i>optional</i>	string

Name	Schema
<b>resourceVersion</b> <i>optional</i>	string
<b>uid</b> <i>optional</i>	string

**timewindow**

Name	Schema
<b>daysofweek</b> <i>optional</i>	< string > array
<b>hours</b> <i>optional</i>	< <a href="#">hours</a> > array
<b>location</b> <i>optional</i>	string
<b>windowtype</b> <i>optional</i>	enum (active, blocked, Active, Blocked)

**hours**

Name	Schema
<b>end</b> <i>optional</i>	string
<b>start</b> <i>optional</i>	string

**status**

Name	Schema
<b>lastUpdateTime</b> <i>optional</i>	string (date-time)
<b>message</b> <i>optional</i>	string
<b>phase</b> <i>optional</i>	string



Name	Schema
<b>reason</b> <i>optional</i>	string
<b>statuses</b> <i>optional</i>	object

## 1.6. PLACEMENTRULES API

### 1.6.1. Overview

This documentation is for the PlacementRule resource for Red Hat Advanced Cluster Management for Kubernetes. The PlacementRule resource has four possible requests: create, query, delete and update.

#### 1.6.1.1. Version information

*Version* : 2.2.0

#### 1.6.1.2. Contact information

*Contact Email* : [apiteam@swagger.io](mailto:apiteam@swagger.io)

#### 1.6.1.3. License information

*License* : Apache 2.0

*License URL* : <http://www.apache.org/licenses/LICENSE-2.0.html>

*Terms of service* : <http://swagger.io/terms/>

#### 1.6.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.6.1.5. Tags

- `placementrules.apps.open-cluster-management.io` : Create and manage placement rules

#### 1.6.1.6. External Docs

*Description* : Find out more about Swagger.

*URL* : <http://swagger.io>

## 1.6.2. Paths

### 1.6.2.1. Create a placement rule

POST /apps.open-cluster-management.io/v1/namespaces/{namespace}/placementrules

### 1.6.2.1.1. Description

Create a placement rule.

### 1.6.2.1.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string
Body	<b>body</b> <i>required</i>	Parameters describing the placement rule to be created.	<a href="#">PlacementRule</a>

### 1.6.2.1.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

### 1.6.2.1.4. Consumes

- **application/yaml**

### 1.6.2.1.5. Tags

- placementrules.apps.open-cluster-management.io

### 1.6.2.1.6. Example HTTP request

#### 1.6.2.1.6.1. Request body

```
{
  "apiVersion" : "apps.open-cluster-management.io/v1",
  "kind" : "PlacementRule",
  "metadata" : {
    "name" : "towhichcluster",
```

```

    "namespace" : "ns-sub-1"
  },
  "spec" : {
    "clusterConditions" : [ {
      "type": "ManagedClusterConditionAvailable",
      "status": "True"
    } ],
    "clusterSelector" : { }
  }
}

```

### 1.6.2.2. Query all placement rules

GET /apps.open-cluster-management.io/v1/namespaces/{namespace}/placementrules

#### 1.6.2.2.1. Description

Query your placement rules for more details.

#### 1.6.2.2.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

#### 1.6.2.2.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.6.2.2.4. Consumes

- **application/yaml**

### 1.6.2.2.5. Tags

- `placementrules.apps.open-cluster-management.io`

### 1.6.2.3. Query a single placementrule

GET `/apps.open-cluster-management.io/v1/namespaces/{namespace}/placementrules/{placementrule_name}`

#### 1.6.2.3.1. Description

Query a single placement rule for more details.

#### 1.6.2.3.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string
Path	<b>placementrule_name</b> <i>required</i>	Name of the placementrule that you want to query.	string

#### 1.6.2.3.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

### 1.6.2.3.4. Tags

- `placementrules.apps.open-cluster-management.io`

### 1.6.2.4. Delete a placementrule

DELETE /apps.open-cluster-management.io/v1/namespaces/{namespace}/placementrules/{placementrule\_name}

#### 1.6.2.4.1. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string
Path	<b>placementrule_name</b> <i>required</i>	Name of the placementrule that you want to delete.	string

#### 1.6.2.4.2. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.6.2.4.3. Tags

- placementrules.apps.open-cluster-management.io

### 1.6.3. Definitions

#### 1.6.3.1. Placementrule

Name	Schema
<b>apiVersion</b> <i>required</i>	string

Name	Schema
<b>kind</b> <i>required</i>	string
<b>metadata</b> <i>required</i>	object
<b>spec</b> <i>required</i>	<a href="#">spec</a>

**spec**

Name	Schema
<b>clusterConditions</b> <i>optional</i>	< <a href="#">clusterConditions</a> > array
<b>clusterReplicas</b> <i>optional</i>	integer
<b>clusterSelector</b> <i>optional</i>	<a href="#">clusterSelector</a>
<b>clusters</b> <i>optional</i>	< <a href="#">clusters</a> > array
<b>policies</b> <i>optional</i>	< <a href="#">policies</a> > array
<b>resourceHint</b> <i>optional</i>	<a href="#">resourceHint</a>
<b>schedulerName</b> <i>optional</i>	string

**clusterConditions**

Name	Schema
<b>status</b> <i>optional</i>	string
<b>type</b> <i>optional</i>	string

**clusterSelector**

Name	Schema
<b>matchExpressions</b> <i>optional</i>	< <a href="#">matchExpressions</a> > array
<b>matchLabels</b> <i>optional</i>	< string, string > map

### matchExpressions

Name	Schema
<b>key</b> <i>optional</i>	string
<b>operator</b> <i>optional</i>	string
<b>values</b> <i>optional</i>	< string > array

### clusters

Name	Schema
<b>name</b> <i>optional</i>	string

### policies

Name	Schema
<b>apiVersion</b> <i>optional</i>	string
<b>fieldPath</b> <i>optional</i>	string
<b>kind</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>namespace</b> <i>optional</i>	string

Name	Schema
<b>resourceVersion</b> <i>optional</i>	string
<b>uid</b> <i>optional</i>	string

**resourceHint**

Name	Schema
<b>order</b> <i>optional</i>	string
<b>type</b> <i>optional</i>	string

## 1.7. APPLICATIONS API

### 1.7.1. Overview

This documentation is for the Application resource for Red Hat Advanced Cluster Management for Kubernetes. Application resource has four possible requests: create, query, delete and update.

#### 1.7.1.1. Version information

*Version* : 2.2.0

#### 1.7.1.2. Contact information

*Contact Email* : [apiteam@swagger.io](mailto:apiteam@swagger.io)

#### 1.7.1.3. License information

*License* : Apache 2.0

*License URL* : <http://www.apache.org/licenses/LICENSE-2.0.html>

*Terms of service* : <http://swagger.io/terms/>

#### 1.7.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.7.1.5. Tags

- applications.app.k8s.io : Create and manage applications

#### 1.7.1.6. External Docs



*Description* : Find out more about Swagger.

*URL* : <http://swagger.io>

## 1.7.2. Paths

### 1.7.2.1. Create a application

POST /app.k8s.io/v1beta1/namespaces/{namespace}/applications

#### 1.7.2.1.1. Description

Create a application.

#### 1.7.2.1.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string
Body	<b>body</b> <i>required</i>	Parameters describing the application to be created.	<a href="#">Application</a>

#### 1.7.2.1.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.7.2.1.4. Consumes

- **application/yaml**

#### 1.7.2.1.5. Tags

- applications.app.k8s.io

### 1.7.2.1.6. Example HTTP request

#### 1.7.2.1.6.1. Request body

```
{
  "apiVersion" : "app.k8s.io/v1beta1",
  "kind" : "Application",
  "metadata" : {
    "labels" : {
      "app" : "nginx-app-details"
    },
    "name" : "nginx-app-3",
    "namespace" : "ns-sub-1"
  },
  "spec" : {
    "componentKinds" : [ {
      "group" : "apps.open-cluster-management.io",
      "kind" : "Subscription"
    } ]
  },
  "selector" : {
    "matchLabels" : {
      "app" : "nginx-app-details"
    }
  },
  "status" : { }
}
```

#### 1.7.2.2. Query all applications

```
GET /app.k8s.io/v1beta1/namespaces/{namespace}/applications
```

##### 1.7.2.2.1. Description

Query your applications for more details.

##### 1.7.2.2.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

##### 1.7.2.2.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.7.2.2.4. Consumes

- **application/yaml**

#### 1.7.2.2.5. Tags

- applications.app.k8s.io

### 1.7.2.3. Query a single application

```
GET /app.k8s.io/v1beta1/namespaces/{namespace}/applications/{application_name}
```

#### 1.7.2.3.1. Description

Query a single application for more details.

#### 1.7.2.3.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>application_name</b> <i>required</i>	Name of the application that you wan to query.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

#### 1.7.2.3.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.7.2.3.4. Tags

- applications.app.k8s.io

#### 1.7.2.4. Delete a application

```
DELETE /app.k8s.io/v1beta1/namespaces/{namespace}/applications/{application_name}
```

##### 1.7.2.4.1. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>application_name</b> <i>required</i>	Name of the application that you want to delete.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

##### 1.7.2.4.2. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content

HTTP Code	Description	Schema
500	Internal service error	No Content
503	Service unavailable	No Content

### 1.7.2.4.3. Tags

- applications.app.k8s.io

## 1.7.3. Definitions

### 1.7.3.1. Application

Name	Schema
<b>apiVersion</b> <i>required</i>	string
<b>kind</b> <i>required</i>	string
<b>metadata</b> <i>required</i>	object
<b>spec</b> <i>required</i>	<a href="#">spec</a>

#### spec

Name	Schema
<b>assemblyPhase</b> <i>optional</i>	string
<b>componentKinds</b> <i>optional</i>	< object > array
<b>descriptor</b> <i>optional</i>	<a href="#">descriptor</a>
<b>info</b> <i>optional</i>	< <a href="#">info</a> > array
<b>selector</b> <i>optional</i>	object

**descriptor**

Name	Schema
<b>description</b> <i>optional</i>	string
<b>icons</b> <i>optional</i>	< <a href="#">icons</a> > array
<b>keywords</b> <i>optional</i>	< string > array
<b>links</b> <i>optional</i>	< <a href="#">links</a> > array
<b>maintainers</b> <i>optional</i>	< <a href="#">maintainers</a> > array
<b>notes</b> <i>optional</i>	string
<b>owners</b> <i>optional</i>	< <a href="#">owners</a> > array
<b>type</b> <i>optional</i>	string
<b>version</b> <i>optional</i>	string

**icons**

Name	Schema
<b>size</b> <i>optional</i>	string
<b>src</b> <i>required</i>	string
<b>type</b> <i>optional</i>	string

**links**

Name	Schema
<b>description</b> <i>optional</i>	string
<b>url</b> <i>optional</i>	string

**maintainers**

Name	Schema
<b>email</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>url</b> <i>optional</i>	string

**owners**

Name	Schema
<b>email</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>url</b> <i>optional</i>	string

**info**

Name	Schema
<b>name</b> <i>optional</i>	string
<b>type</b> <i>optional</i>	string
<b>value</b> <i>optional</i>	string

Name	Schema
<b>valueFrom</b> <i>optional</i>	<a href="#">valueFrom</a>

**valueFrom**

Name	Schema
<b>configMapKeyRef</b> <i>optional</i>	<a href="#">configMapKeyRef</a>
<b>ingressRef</b> <i>optional</i>	<a href="#">ingressRef</a>
<b>secretKeyRef</b> <i>optional</i>	<a href="#">secretKeyRef</a>
<b>serviceRef</b> <i>optional</i>	<a href="#">serviceRef</a>
<b>type</b> <i>optional</i>	string

**configMapKeyRef**

Name	Schema
<b>apiVersion</b> <i>optional</i>	string
<b>fieldPath</b> <i>optional</i>	string
<b>key</b> <i>optional</i>	string
<b>kind</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>namespace</b> <i>optional</i>	string



Name	Schema
<b>resourceVersion</b> <i>optional</i>	string
<b>uid</b> <i>optional</i>	string

### ingressRef

Name	Schema
<b>apiVersion</b> <i>optional</i>	string
<b>fieldPath</b> <i>optional</i>	string
<b>host</b> <i>optional</i>	string
<b>kind</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>namespace</b> <i>optional</i>	string
<b>path</b> <i>optional</i>	string
<b>resourceVersion</b> <i>optional</i>	string
<b>uid</b> <i>optional</i>	string

### secretKeyRef

Name	Schema
<b>apiVersion</b> <i>optional</i>	string

Name	Schema
<b>fieldPath</b> <i>optional</i>	string
<b>key</b> <i>optional</i>	string
<b>kind</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>namespace</b> <i>optional</i>	string
<b>resourceVersion</b> <i>optional</i>	string
<b>uid</b> <i>optional</i>	string

### serviceRef

Name	Schema
<b>apiVersion</b> <i>optional</i>	string
<b>fieldPath</b> <i>optional</i>	string
<b>kind</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>namespace</b> <i>optional</i>	string
<b>path</b> <i>optional</i>	string
<b>port</b> <i>optional</i>	integer (int32)

Name	Schema
<b>resourceVersion</b> <i>optional</i>	string
<b>uid</b> <i>optional</i>	string

## 1.8. HELM API

### 1.8.1. Overview

This documentation is for the HelmRelease resource for Red Hat Advanced Cluster Management for Kubernetes. The HelmRelease resource has four possible requests: create, query, delete and update.

#### 1.8.1.1. Version information

*Version* : 2.2.0

#### 1.8.1.2. Contact information

*Contact Email* : [apiteam@swagger.io](mailto:apiteam@swagger.io)

#### 1.8.1.3. License information

*License* : Apache 2.0

*License URL* : <http://www.apache.org/licenses/LICENSE-2.0.html>

*Terms of service* : <http://swagger.io/terms/>

#### 1.8.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.8.1.5. Tags

- helmreleases.apps.open-cluster-management.io : Create and manage helmreleases

#### 1.8.1.6. External Docs

*Description* : Find out more about Swagger.

*URL* : <http://swagger.io>

## 1.8.2. Paths

### 1.8.2.1. Create a helmrelease

POST /apps.open-cluster-management.io/v1/namespaces/{namespace}/helmreleases

### 1.8.2.1.1. Description

Create a helmrelease.

### 1.8.2.1.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string
Body	<b>body</b> <i>required</i>	Parameters describing the helmrelease to be created.	<a href="#">HelmRelease</a>

### 1.8.2.1.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

### 1.8.2.1.4. Consumes

- **application/yaml**

### 1.8.2.1.5. Tags

- helmreleases.apps.open-cluster-management.io

### 1.8.2.1.6. Example HTTP request

#### 1.8.2.1.6.1. Request body

```
{
  "apiVersion" : "apps.open-cluster-management.io/v1",
  "kind" : "HelmRelease",
  "metadata" : {
    "name" : "nginx-ingress",
```

```

"namespace" : "default"
},
"repo" : {
  "chartName" : "nginx-ingress",
  "source" : {
    "helmRepo" : {
      "urls" : [ "https://kubernetes-charts.storage.googleapis.com/nginx-ingress-1.26.0.tgz" ]
    },
    "type" : "helmrepo"
  },
  "version" : "1.26.0"
},
"spec" : {
  "defaultBackend" : {
    "replicaCount" : 3
  }
}
}
}

```

### 1.8.2.2. Query all helmreleases

GET /apps.open-cluster-management.io/v1/namespaces/{namespace}/helmreleases

#### 1.8.2.2.1. Description

Query your helmreleases for more details.

#### 1.8.2.2.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

#### 1.8.2.2.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content

HTTP Code	Description	Schema
503	Service unavailable	No Content

#### 1.8.2.2.4. Consumes

- **application/yaml**

#### 1.8.2.2.5. Tags

- `helmreleases.apps.open-cluster-management.io`

### 1.8.2.3. Query a single helmrelease

GET /apps.open-cluster-management.io/v1/namespaces/{namespace}/helmreleases/{helmrelease\_name}

#### 1.8.2.3.1. Description

Query a single helmrelease for more details.

#### 1.8.2.3.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>helmrelease_name</b> <i>required</i>	Name of the helmrelease that you wan to query.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

#### 1.8.2.3.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content

HTTP Code	Description	Schema
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.8.2.3.4. Tags

- helmreleases.apps.open-cluster-management.io

#### 1.8.2.4. Delete a helmrelease

```
DELETE /apps.open-cluster-management.io/v1/namespaces/{namespace}/helmreleases/{helmrelease_name}
```

##### 1.8.2.4.1. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>helmrelease_name</b> <i>required</i>	Name of the helmrelease that you want to delete.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

##### 1.8.2.4.2. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.8.2.4.3. Tags

- [helmreleases.apps.open-cluster-management.io](https://helmreleases.apps.open-cluster-management.io)

## 1.8.3. Definitions

### 1.8.3.1. HelmRelease

Name	Schema
<b>apiVersion</b> <i>required</i>	string
<b>kind</b> <i>required</i>	string
<b>metadata</b> <i>required</i>	object
<b>repo</b> <i>required</i>	<a href="#">repo</a>
<b>spec</b> <i>required</i>	object
<b>status</b> <i>required</i>	<a href="#">status</a>

#### repo

Name	Schema
<b>chartName</b> <i>optional</i>	string
<b>configMapRef</b> <i>optional</i>	<a href="#">configMapRef</a>
<b>secretRef</b> <i>optional</i>	<a href="#">secretRef</a>
<b>source</b> <i>optional</i>	<a href="#">source</a>
<b>version</b> <i>optional</i>	string

#### configMapRef



Name	Schema
<b>apiVersion</b> <i>optional</i>	string
<b>fieldPath</b> <i>optional</i>	string
<b>kind</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>namespace</b> <i>optional</i>	string
<b>resourceVersion</b> <i>optional</i>	string
<b>uid</b> <i>optional</i>	string

**secretRef**

Name	Schema
<b>apiVersion</b> <i>optional</i>	string
<b>fieldPath</b> <i>optional</i>	string
<b>kind</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>namespace</b> <i>optional</i>	string
<b>resourceVersion</b> <i>optional</i>	string
<b>uid</b> <i>optional</i>	string

**source**

Name	Schema
<b>github</b> <i>optional</i>	<a href="#">github</a>
<b>helmRepo</b> <i>optional</i>	<a href="#">helmRepo</a>
<b>type</b> <i>optional</i>	string

**github**

Name	Schema
<b>branch</b> <i>optional</i>	string
<b>chartPath</b> <i>optional</i>	string
<b>urls</b> <i>optional</i>	< string > array

**helmRepo**

Name	Schema
<b>urls</b> <i>optional</i>	< string > array

**status**

Name	Schema
<b>conditions</b> <i>required</i>	< <a href="#">conditions</a> > array
<b>deployedRelease</b> <i>optional</i>	<a href="#">deployedRelease</a>

**conditions**

Name	Schema
<b>lastTransitionTime</b> <i>optional</i>	string (date-time)
<b>message</b> <i>optional</i>	string
<b>reason</b> <i>optional</i>	string
<b>status</b> <i>required</i>	string
<b>type</b> <i>required</i>	string

### deployedRelease

Name	Schema
<b>manifest</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string

## 1.9. POLICY API

### 1.9.1. Overview

This documentation is for the Policy resource for Red Hat Advanced Cluster Management for Kubernetes. The Policy resource has four possible requests: create, query, delete and update.

#### 1.9.1.1. Version information

*Version* : 2.2.0

#### 1.9.1.2. Contact information

*Contact Email* : [apiteam@swagger.io](mailto:apiteam@swagger.io)

#### 1.9.1.3. License information

*License* : Apache 2.0

*License URL* : <http://www.apache.org/licenses/LICENSE-2.0.html>

*Terms of service* : <http://swagger.io/terms/>

### 1.9.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

### 1.9.1.5. Tags

- `policy.open-cluster-management.io/v1` : Create and manage policies

### 1.9.1.6. External Docs

*Description* : Find out more about Swagger.

*URL* : <http://swagger.io>

## 1.9.2. Paths

### 1.9.2.1. Create a policy

POST /policy.open-cluster-management.io/v1/v1alpha1/namespaces/{namespace}/policies/{policy\_name}

#### 1.9.2.1.1. Description

Create a policy.

#### 1.9.2.1.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string
Body	<b>body</b> <i>required</i>	Parameters describing the policy to be created.	<a href="#">Application</a>

#### 1.9.2.1.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content

HTTP Code	Description	Schema
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.9.2.1.4. Consumes

- **application/json**

#### 1.9.2.1.5. Tags

- `policy.open-cluster-management.io`

#### 1.9.2.1.6. Example HTTP request

##### 1.9.2.1.6.1. Request body

```
{
  "apiVersion": "policy.open-cluster-management.io/v1/v1alpha1",
  "kind": "Policy",
  "metadata": {
    "name": "test-policy-swagger",
    "description": "Example body for Policy API Swagger docs"
  },
  "spec": {
    "remediationAction": "enforce",
    "namespaces": {
      "include": [
        "default"
      ],
      "exclude": [
        "kube*"
      ]
    },
    "policy-templates": {
      "kind": "ConfigurationPolicy",
      "apiVersion": "policy.open-cluster-management.io/v1alpha1",
      "complianceType": "musthave",
      "metadata": {
        "namespace": null,
        "name": "test-role"
      },
      "selector": {
        "matchLabels": {
          "cloud": "IBM"
        }
      }
    },
    "spec" : {
      "object-templates": {
        "complianceType": "mustHave",
        "objectDefinition": {
```

```
"apiVersion": "rbac.authorization.k8s.io/v1",
"kind": "Role",
"metadata": {
  "name": "role-policy",
},
"rules": [
  {
    "apiGroups": [
      "extensions",
      "apps"
    ],
    "resources": [
      "deployments"
    ],
    "verbs": [
      "get",
      "list",
      "watch",
      "delete"
    ]
  },
  {
    "apiGroups": [
      "core"
    ],
    "resources": [
      "pods"
    ],
    "verbs": [
      "create",
      "update",
      "patch"
    ]
  },
  {
    "apiGroups": [
      "core"
    ],
    "resources": [
      "secrets"
    ],
    "verbs": [
      "get",
      "watch",
      "list",
      "create",
      "delete",
      "update",
      "patch"
    ]
  }
],
},
},
},
},
},
```

### 1.9.2.2. Query all policies

```
GET /policy.open-cluster-management.io/v1/v1alpha1/namespaces/{namespace}/policies/{policy_name}
```

#### 1.9.2.2.1. Description

Query your policies for more details.

#### 1.9.2.2.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to apply the policy to, for example, default.	string

#### 1.9.2.2.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.9.2.2.4. Consumes

- **application/json**

#### 1.9.2.2.5. Tags

- policy.open-cluster-management.io

### 1.9.2.3. Query a single policy

```
GET /policy.open-cluster-management.io/v1/v1alpha1/namespaces/{namespace}/policies/{policy_name}
```

#### 1.9.2.3.1. Description

Query a single policy for more details.

#### 1.9.2.3.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token.	string
Path	<b>policy_name</b> <i>required</i>	Name of the policy that you want to query.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

#### 1.9.2.3.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.9.2.3.4. Tags

- policy.open-cluster-management.io

#### 1.9.2.4. Delete a policy

DELETE /policy.open-cluster-management.io/v1/v1alpha1/namespaces/{namespace}/policies/{policy\_name}

##### 1.9.2.4.1. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token.	string



Type	Name	Description	Schema
Path	<b>policy_name</b> <i>required</i>	Name of the policy that you want to delete.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

#### 1.9.2.4.2. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.9.2.4.3. Tags

- `policy.open-cluster-management.io`

### 1.9.3. Definitions

#### 1.9.3.1. Policy

Name	Description	Schema
<b>apiVersion</b> <i>required</i>	The versioned schema of Policy.	string
<b>kind</b> <i>required</i>	String value that represents the REST resource.	string
<b>metadata</b> <i>required</i>	Describes rules that define the policy.	object

**spec**

Name	Description	Schema
<b>remediationAction</b> <i>optional</i>	Value that represents how violations are handled as defined in the resource.	string
<b>namespaceSelector</b> <i>required</i>	Value that represents which namespaces the policy is applied.	string

## policy-templates

Name	Description	Schema
<b>apiVersion</b> <i>required</i>	The versioned schema of Policy.	string
<b>kind</b> <i>optional</i>	String value that represents the REST resource.	string
<b>metadata</b> <i>required</i>	Describes rules that define the policy.	object
<b>complianceType</b>	Used to list expected behavior for roles and other Kubernetes object that must be evaluated or applied to the managed clusters.	string
<b>clusterConditions</b> <i>optional</i>	Section to define labels.	string
<b>rules</b> <i>optional</i>		string

## clusterConditions

Name	Description	Schema
<b>matchLabels</b> <i>optional</i>	The label that is required for the policy to be applied to a namespace.	object
<b>cloud</b> <i>optional</i>	The label that is required for the policy to be applied to a cloud provider.	string

## rules

Name	Description	Schema
<b>apiGroups</b> <i>required</i>	List of APIs that the rule applies to.	string
<b>resources</b> <i>required</i>	A list of resource types.	object
<b>verbs</b> <i>required</i>	A list of verbs.	string

## 1.10. OBSERVABILITY API

### 1.10.1. Overview

This documentation is for the MultiClusterObservability resource for Red Hat Advanced Cluster Management for Kubernetes. The MultiClusterObservability resource has four possible requests: create, query, delete and update.

#### 1.10.1.1. Version information

*Version* : 2.2.0

#### 1.10.1.2. Contact information

*Contact Email* : [apiteam@swagger.io](mailto:apiteam@swagger.io)

#### 1.10.1.3. License information

*License* : Apache 2.0

*License URL* : <http://www.apache.org/licenses/LICENSE-2.0.html>

*Terms of service* : <http://swagger.io/terms/>

#### 1.10.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.10.1.5. Tags

- observability.open-cluster-management.io : Create and manage multiclusterobservabilities

#### 1.10.1.6. External Docs

*Description* : Find out more about Swagger.

*URL* : <http://swagger.io>

### 1.10.2. Paths

#### 1.10.2.1. Create a multiclusterobservability resource

POST /apis/observability.open-cluster-management.io/v1beta1/multiclusterobservabilities

### 1.10.2.1.1. Description

Create a MultiClusterObservability resource.

### 1.10.2.1.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Body	<b>body</b> <i>required</i>	Parameters describing the MultiClusterObservability resource to be created.	<a href="#">MultiClusterObservability</a>

### 1.10.2.1.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

### 1.10.2.1.4. Consumes

- **application/yaml**

### 1.10.2.1.5. Tags

- observability.apps.open-cluster-management.io

### 1.10.2.1.6. Example HTTP request

#### 1.10.2.1.6.1. Request body

```
{
  "apiVersion": "observability.open-cluster-management.io/v1beta1",
  "kind": "MultiClusterObservability",
  "metadata": {
    "name": "example"
  }
}
```

```

    },
    "spec": {
      "storageConfigObject": {
        "metricObjectStorage": {
          "name": "thanos-object-storage",
          "key": "thanos.yaml"
        }
      }
    }
  }
}

```

### 1.10.2.2. Query all multiclusterobservabilities

GET /apis/observability.open-cluster-management.io/v1beta1/multiclusterobservabilities

#### 1.10.2.2.1. Description

Query your MultiClusterObservability resources for more details.

#### 1.10.2.2.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string

#### 1.10.2.2.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.10.2.2.4. Consumes

- **application/yaml**

#### 1.10.2.2.5. Tags

- observability.apps.open-cluster-management.io

### 1.10.2.3. Query a single multiclusterobservability

```
GET /apis/observability.open-cluster-management.io/v1beta1/multiclusterobservabilities/{multiclusterobservability_name}
```

#### 1.10.2.3.1. Description

Query a single MultiClusterObservability resource for more details.

#### 1.10.2.3.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>multiclusterobservability_name</b> <i>required</i>	Name of the multiclusterobservability that you want to query.	string

#### 1.10.2.3.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.10.2.3.4. Tags

- observability.apps.open-cluster-management.io

### 1.10.2.4. Delete a multiclusterobservability resource

```
DELETE /apis/observability.open-cluster-management.io/v1beta1/multiclusterobservabilities/{multiclusterobservability_name}
```

#### 1.10.2.4.1. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>multiclusterobservability_name</b> <i>required</i>	Name of the multiclusterobservability that you want to delete.	string

#### 1.10.2.4.2. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.10.2.4.3. Tags

- observability.apps.open-cluster-management.io

### 1.10.3. Definitions

#### 1.10.3.1. MultiClusterObservability

Name	Description	Schema
<b>apiVersion</b> <i>required</i>	The versioned schema of the MultiClusterObservability.	string
<b>kind</b> <i>required</i>	String value that represents the REST resource, MultiClusterObservability.	string
<b>metadata</b> <i>required</i>	Describes rules that define the policy.	object

spec

Name	Description	Schema
<b>availabilityConfig</b> <i>optional</i>	The parameter used to select high-availability support. This provides support in the case of a failover, and consumes more resources. Options: <b>Basic</b> and <b>High</b>	string
<b>enableDownsampling</b> <i>optional</i>	Enable or disable the downsample. Default value is <b>false</b> . If there is no downsample data, the query is unavailable.	boolean
<b>imagePullPolicy</b> <i>optional</i>	Pull policy for the Observability images.	string
<b>imagePullSecret</b> <i>optional</i>	Pull secret for the Observability images.	string
<b>nodeSelector</b> <i>optional</i>	Supports node selection constraints	object
<b>observabilityAddonSpec</b> <i>optional</i>	The global settings for all managed clusters, which have the add-on enabled.	<a href="#">observabilityAddonSpec</a>
<b>retentionResolution1h</b> <i>optional</i>	The amount of time to retain samples of resolution 2 (1 hour) in a bucket. Default value is 30 days ( <b>30d</b> ).	string
<b>retentionResolution5m</b> <i>optional</i>	The amount of time to retain samples of resolution 1 (5 minutes) in a bucket. Default value is 14 days ( <b>14d</b> ).	string
<b>retentionResolutionRaw</b> <i>optional</i>	The amount of time to retain raw samples of resolution in a bucket.	string
<b>storageConfigObject</b> <i>required</i>	Specifies the storage to be used by Observability.	<a href="#">storageConfigObject</a>

### observabilityAddonSpec

Name	Description	Schema
<b>enableMetrics</b> <i>optional</i>	Indicates if the observability add-on sends metrics to the hub cluster. Default value is <b>true</b> .	boolean



Name	Description	Schema
<b>interval</b> <i>optional</i>	Interval for when the observability add-on sends metrics to the hub cluster. Default value is 30 seconds ( <b>30s</b> ).	integer

## storageConfigObject

Name	Description	Schema
<b>metricObjectStorage</b> <i>required</i>	Object store to configure secrets for metrics.	<a href="#">metricObjectStorage</a>
<b>statefulSetSize</b> <i>optional</i>	The amount of storage that is applied to the Observability StatefulSets, i.e. Thanos store, rule, compact, and receiver. Default value is <b>10Gi</b> .	string
<b>statefulSetStorageClass</b> <i>optional</i>	Specify the <b>storageClass</b> StatefulSets. This storage is used for the object storage if <b>MetricObjectStorage</b> is configured for your operating system to create storage. Default value is <b>gp2</b> .	string

## metricObjectStorage

Name	Description	Schema
<b>key</b> <i>required</i>	The key of the secret to select from. Must be a valid secret key.	string
<b>name</b> <i>required</i>	Name of the <b>metricObjectStorage</b> .	string

## 1.11. SEARCH CUSTOMIZATION API

### 1.11.1. Overview

This documentation is for the searchCustomization resource for Red Hat Advanced Cluster Management for Kubernetes. The SearchCustomization resource has four possible requests: create, query, delete and update.

#### 1.11.1.1. Version information

Version : 2.2.0

### 1.11.1.2. Contact information

Contact Email : [apiteam@swagger.io](mailto:apiteam@swagger.io)

### 1.11.1.3. License information

License : Apache 2.0

License URL : <http://www.apache.org/licenses/LICENSE-2.0.html>

Terms of service : <http://swagger.io/terms/>

### 1.11.1.4. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

### 1.11.1.5. Tags

- `search.open-cluster-management.io/v1` : Create and manage persistence volumes

### 1.11.1.6. External Docs

Description : Find out more about Swagger.

URL : <http://swagger.io>

## 1.11.2. Paths

### 1.11.2.1. Create a searchCustomization

POST /search.open-cluster-management.io/v1/v1alpha1/namespaces/{namespace}/policies/{policy\_name}

#### 1.11.2.1.1. Description

Create a searchCustomization.

#### 1.11.2.1.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string
Body	<b>body</b> <i>required</i>	Parameters describing the policy to be created.	

### 1.11.2.1.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

### 1.11.2.1.4. Consumes

- **searchCustomization/json**

### 1.11.2.1.5. Tags

- search.open-cluster-management.io

### 1.11.2.1.6. Example HTTP request

#### 1.11.2.1.6.1. Request body

```
{
  "apiVersion": "search.open-cluster-management.io/v1",
  "kind": "SearchCustomization",
  "metadata": {
    "name": "test-search-swagger",
    "description": "Example body for SearchCustomization API Swagger docs"
  },
  "spec": {
    "remediationAction": "enforce",
    "namespaces": {
      "include": [
        "default"
      ],
      "exclude": [
        "kube*"
      ]
    }
  },
  "policy-templates": {
    "kind": "ConfigurationPolicy",
    "apiVersion": "search.open-cluster-management.io/v1alpha1",
    "complianceType": "musthave",
    "metadata": {
      "namespace": null,
      "name": "test-role"
    }
  }
}
```

```
"selector": {
  "matchLabels": {
    "cloud": "IBM"
  }
},
"spec": {
  "object-templates": {
    "complianceType": "mustHave",
    "objectDefinition": {
      "apiVersion": "rbac.authorization.k8s.io/v1",
      "kind": "Role",
      "metadata": {
        "name": "role-policy",
      },
      "rules": [
        {
          "apiGroups": [
            "extensions",
            "apps"
          ],
          "resources": [
            "deployments"
          ],
          "verbs": [
            "get",
            "list",
            "watch",
            "delete"
          ]
        },
        {
          "apiGroups": [
            "core"
          ],
          "resources": [
            "pods"
          ],
          "verbs": [
            "create",
            "update",
            "patch"
          ]
        },
        {
          "apiGroups": [
            "core"
          ],
          "resources": [
            "secrets"
          ],
          "verbs": [
            "get",
            "watch",
            "list",
            "create",
            "delete",
```



### 1.11.2.2.5. Tags

- search.open-cluster-management.io

### 1.11.2.3. Query a single policy

GET /search.open-cluster-management.io/v1/v1alpha1/namespaces/{namespace}/policies/{policy\_name}

#### 1.11.2.3.1. Description

Query a single searchCustomization for more details.

#### 1.11.2.3.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token.	string
Path	<b>policy_name</b> <i>required</i>	Name of the policy that you want to query.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

#### 1.11.2.3.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

### 1.11.2.3.4. Tags

- search.open-cluster-management.io

### 1.11.2.4. Delete a searchCustomization

DELETE /search.open-cluster-management.io/v1/v1alpha1/namespaces/{namespace}/policies/{policy\_name}

#### 1.11.2.4.1. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>policy_name</b> <i>required</i>	Name of the policy that you want to delete.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

#### 1.11.2.4.2. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.11.2.4.3. Tags

- search.open-cluster-management.io

### 1.11.3. Definitions

#### 1.11.3.1. SearchCustomization

Name	Description	Schema
<b>apiVersion</b> <i>required</i>	The versioned schema of SearchCustomization.	string
<b>kind</b> <i>required</i>	String value that represents the REST resource.	string

Name	Description	Schema
<b>metadata</b> <i>required</i>	Describes rules that define the policy.	object

**spec**

Name	Description	Schema
<b>remediationAction</b> <i>optional</i>	Value that represents how violations are handled as defined in the resource.	string
<b>namespaces</b> <i>required</i>	Value that represents which namespaces to <b>include</b> or <b>exclude</b> when the policy is applied.	string

**policy-templates**

Name	Description	Schema
<b>apiVersion</b> <i>required</i>	The versioned schema of SearchCustomization.	string
<b>kind</b> <i>optional</i>	String value that represents the REST resource.	string
<b>metadata</b> <i>required</i>	Describes rules that define the policy.	object
<b>complianceType</b>	Used to list expected behavior for roles and other Kubernetes object that must be evaluated or applied to the managed clusters.	string
<b>clusterConditions</b> <i>optional</i>	Section to define labels.	string
<b>rules</b> <i>optional</i>		string

**clusterConditions**



Name	Description	Schema
<b>matchLabels</b> <i>optional</i>	The label that is required for the policy to be applied to a namespace.	object
<b>cloud</b> <i>optional</i>	The label that is required for the policy to be applied to a cloud provider.	string

## rules

Name	Description	Schema
<b>apiGroups</b> <i>required</i>	List of APIs that the rule applies to.	string
<b>resources</b> <i>required</i>	A list of resource types.	object
<b>verbs</b> <i>required</i>	A list of verbs.	string

## 1.12. MULTICLUSTERHUB API

### 1.12.1. Overview

This documentation is for the MultiClusterHub resource for Red Hat Advanced Cluster Management for Kubernetes. MultiClusterHub resource has four possible requests: create, query, delete and update.

#### 1.12.1.1. Version information

*Version* : 2.2.0

#### 1.12.1.2. Contact information

*Contact Email* : [apiteam@swagger.io](mailto:apiteam@swagger.io)

#### 1.12.1.3. License information

*License* : Apache 2.0

*License URL* : <http://www.apache.org/licenses/LICENSE-2.0.html>

*Terms of service* : <http://swagger.io/terms/>

#### 1.12.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

### 1.12.1.5. Tags

- `multiclusterhubs.operator.open-cluster-management.io` : Create and manage multicluster hub operators

### 1.12.1.6. External Docs

*Description* : Find out more about Swagger.

*URL* : <http://swagger.io>

## 1.12.2. Paths

### 1.12.2.1. Create a MultiClusterHub resource

POST `/operator.open-cluster-management.io/v1beta1/namespaces/{namespace}/mch`

#### 1.12.2.1.1. Description

Create a MultiClusterHub resource to define the configuration for an instance of the multicluster hub.

#### 1.12.2.1.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string
Body	<b>body</b> <i>required</i>	Parameters describing the multicluster hub to be created.	<a href="#">Definitions</a>

#### 1.12.2.1.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.12.2.1.4. Consumes

- **multiclusterhubs/yaml**

#### 1.12.2.1.5. Tags

- `multiclusterhubs.operator.open-cluster-management.io`

#### 1.12.2.1.6. Example HTTP request

##### 1.12.2.1.6.1. Request body

```
{
  "apiVersion": "apiextensions.k8s.io/v1beta1",
  "kind": "CustomResourceDefinition",
  "metadata": {
    "name": "multiclusterhubs.operator.open-cluster-management.io"
  },
  "spec": {
    "additionalPrinterColumns": [
      {
        "JSONPath": ".status.phase",
        "description": "The overall status of the MultiClusterHub.",
        "name": "Status",
        "type": "string"
      },
      {
        "JSONPath": ".metadata.creationTimestamp",
        "name": "Age",
        "type": "date"
      }
    ],
    "group": "operator.open-cluster-management.io",
    "names": {
      "kind": "MultiClusterHub",
      "listKind": "MultiClusterHubList",
      "plural": "multiclusterhubs",
      "shortNames": [
        "mch"
      ],
      "singular": "multiclusterhub"
    },
    "scope": "Namespaced",
    "subresources": {
      "status": {}
    },
    "validation": {
      "openAPIV3Schema": {
        "description": "MultiClusterHub defines the configuration for an instance of the MultiClusterHub.",
        "properties": {
          "apiVersion": {
            "description": "APIVersion defines the versioned schema of this representation of an object.


```

Servers should convert recognized schemas to the latest internal value, and may reject unrecognized values. More info: <https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#resources>,

```

    "type": "string"
  },
  "kind": {
    "description": "Kind is a string value representing the REST resource this object represents. Servers may infer this from the endpoint the client submits requests to. Cannot be updated. In CamelCase. More info: https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#types-kinds",
    "type": "string"
  },
  "metadata": {
    "type": "object"
  },
  "spec": {
    "description": "MultiClusterHubSpec defines the desired state of MultiClusterHub.",
    "properties": {
      "availabilityConfig": {
        "description": "Specifies deployment replication for improved availability. Options are: Basic and High (default).",
        "type": "string"
      },
      "customCAConfigmap": {
        "description": "Provide the customized OpenShift default ingress CA certificate to {product-title-short}.",
        "type": "string"
      },
      "disableHubSelfManagement": {
        "description": "Disable automatic import of the hub cluster as a managed cluster.",
        "type": "boolean"
      },
      "disableUpdateClusterImageSets": {
        "description": "Disable automatic update of ClusterImageSets.",
        "type": "boolean"
      },
      "hive": {
        "description": "(Deprecated) Overrides for the default HiveConfig specification.",
        "properties": {
          "additionalCertificateAuthorities": {
            "description": "(Deprecated) AdditionalCertificateAuthorities is a list of references to secrets in the `hive` namespace that contain an additional Certificate Authority to use when communicating with target clusters. These certificate authorities are used in addition to any self-signed CA generated by each cluster on installation.",
            "items": {
              "description": "LocalObjectReference contains enough information to let you locate the referenced object inside the same namespace.",
              "properties": {
                "name": {
                  "description": "Name of the referent. More info: https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#names",
                  "type": "string"
                }
              },
              "type": "object"
            },
            "type": "array"
          }
        },
        "backup": {

```

```

    "description": "(Deprecated) Backup specifies configuration for backup integration. If absent,
    backup integration is disabled.",
    "properties": {
      "minBackupPeriodSeconds": {
        "description": "(Deprecated) MinBackupPeriodSeconds specifies that a minimum of
        MinBackupPeriodSeconds occurs in between each backup. This is used to rate limit backups. This
        potentially batches together multiple changes into one backup. No backups are lost as changes that
        happen during this interval are queued up and result in a backup happening once the interval has
        been completed.",
        "type": "integer"
      },
      "velero": {
        "description": "(Deprecated) Velero specifies configuration for the Velero backup integration.",
        "properties": {
          "enabled": {
            "description": "(Deprecated) Enabled dictates if Velero backup integration is enabled. If not
            specified, the default is disabled.",
            "type": "boolean"
          }
        },
        "type": "object"
      },
      "type": "object"
    },
    "externalDNS": {
      "description": "(Deprecated) ExternalDNS specifies configuration for `external-dns` if it is to be
      deployed by Hive. If absent, `external-dns` is not deployed.",
      "properties": {
        "aws": {
          "description": "(Deprecated) AWS contains AWS-specific settings for external DNS.",
          "properties": {
            "credentials": {
              "description": "(Deprecated) Credentials references a secret that are used to authenticate
              with AWS Route53. It needs permission to manage entries in each of the managed domains for this
              cluster. Secret should have AWS keys named `aws_access_key_id` and `aws_secret_access_key`.",
              "properties": {
                "name": {
                  "description": "Name of the referent. More info:
                  https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#names",
                  "type": "string"
                }
              },
              "type": "object"
            }
          },
          "type": "object"
        },
        "gcp": {
          "description": "(Deprecated) GCP contains GCP-specific settings for external DNS",
          "properties": {
            "credentials": {
              "description": "(Deprecated) Credentials references a secret that is used to authenticate with
              GCP DNS. It needs permission to manage entries in each of the managed domains for this cluster.
              Secret should have a key named `osServiceAccount.json`. The credentials must specify the project to
              use.",

```

```

    "properties": {
      "name": {
        "description": "Name of the referent. More info:
https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#names",
        "type": "string"
      }
    },
    "type": "object"
  },
  "type": "object"
},
"failedProvisionConfig": {
  "description": "(Deprecated) FailedProvisionConfig is used to configure settings related to
handling provision failures.",
  "properties": {
    "skipGatherLogs": {
      "description": "(Deprecated) SkipGatherLogs disables functionality that attempts to gather full
logs from the cluster if an installation fails for any reason. The logs are stored in a persistent volume
for up to seven days.",
      "type": "boolean"
    }
  },
  "type": "object"
},
"globalPullSecret": {
  "description": "(Deprecated) GlobalPullSecret is used to specify a pull secret that can be used
globally by all of the cluster deployments. For each cluster deployment, the contents of
GlobalPullSecret are merged with the specific pull secret for a cluster deployment (if specified), with
precedence given to the contents of the pull secret for the cluster deployment.",
  "properties": {
    "name": {
      "description": "Name of the referent. More info:
https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#names",
      "type": "string"
    }
  },
  "type": "object"
},
"maintenanceMode": {
  "description": "(Deprecated) MaintenanceMode can be set to `true` to disable the hive
controllers in situations where we need to ensure nothing is running that adds or acts upon finalizers
on Hive types. This should rarely be needed. Sets replicas to zero for the `hive-controllers`
deployment to accomplish this.",
  "type": "boolean"
},
"required": [
  "failedProvisionConfig"
],
"type": "object"
},
"imagePullSecret": {

```

```

    "description": "Override pull secret for accessing MultiClusterHub operand and endpoint
images.",
    "type": "string"
  },
  "ingress": {
    "description": "Configuration options for ingress management",
    "properties": {
      "sslCiphers": {
        "description": "List of SSL ciphers enabled for management ingress. Defaults to full list of
supported ciphers.",
        "items": {
          "type": "string"
        },
        "type": "array"
      }
    },
    "type": "object"
  },
  "nodeSelector": {
    "additionalProperties": {
      "type": "string"
    },
    "description": "Set the node selectors.",
    "type": "object"
  },
  "overrides": {
    "description": "Developer Overrides",
    "properties": {
      "imagePullPolicy": {
        "description": "Pull policy of the MultiCluster hub images.",
        "type": "string"
      }
    },
    "type": "object"
  },
  "separateCertificateManagement": {
    "description": "Install cert-manager into its own namespace.",
    "type": "boolean"
  }
},
"type": "object"
},
"status": {
  "description": "MultiClusterHubStatus defines the observed state of MultiClusterHub.",
  "properties": {
    "components": {
      "additionalProperties": {
        "description": "StatusCondition contains condition information.",
        "properties": {
          "lastTransitionTime": {
            "description": "LastTransitionTime is the last time the condition changed from one status to
another.",
            "format": "date-time",
            "type": "string"
          },
          "message": {

```

```

      "description": "Message is a human-readable message indicating details about the last status
change.",
      "type": "string"
    },
    "reason": {
      "description": "Reason is a (brief) reason for the last status change of the condition.",
      "type": "string"
    },
    "status": {
      "description": "Status is the status of the condition. The values that can be used are: One of
True, False, Unknown.",
      "type": "string"
    },
    "type": {
      "description": "Type is the type of the cluster condition.",
      "type": "string"
    }
  },
  "type": "object"
},
"description": "Components []ComponentCondition `json:\\"manifests,omitempty\\"\"",
"type": "object"
},
"conditions": {
"description": "Conditions contains the different condition statuses for the MultiClusterHub.",
"items": {
"description": "StatusCondition contains condition information.",
"properties": {
"lastTransitionTime": {
"description": "LastTransitionTime is the last time the condition changed from one status to
another.",
"format": "date-time",
"type": "string"
},
"lastUpdateTime": {
"description": "The last time this condition was updated.",
"format": "date-time",
"type": "string"
},
"message": {
"description": "Message is a human-readable message indicating details about the last status
change.",
"type": "string"
},
"reason": {
"description": "Reason is a (brief) reason for the last status change of the condition.",
"type": "string"
},
"status": {
"description": "Status is the status of the condition. The values that can be used are: True,
False, Unknown",
"type": "string"
},
"type": {
"description": "Type is the type of the cluster condition.",
"type": "string"
}
}
}
}

```



```

    }
  },
  "type": "object"
},
"type": "array"
},
"currentVersion": {
  "description": "CurrentVersion indicates the current version.",
  "type": "string"
},
"desiredVersion": {
  "description": "DesiredVersion indicates the desired version.",
  "type": "string"
},
"phase": {
  "description": "Represents the running phase of the MultiClusterHub.",
  "type": "string"
}
},
"type": "object"
}
},
"type": "object"
}
},
"version": "v1",
"versions": [
  {
    "name": "v1",
    "served": true,
    "storage": true
  }
]
}
}

```

### 1.12.2.2. Query all MultiClusterHubs

GET /operator.open-cluster-management.io/v1beta1/namespaces/{namespace}/operator

#### 1.12.2.2.1. Description

Query your multicluster hub operator for more details.

#### 1.12.2.2.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string

Type	Name	Description	Schema
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

### 1.12.2.2.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

### 1.12.2.2.4. Consumes

- **operator/yaml**

### 1.12.2.2.5. Tags

- multiclusterhubs.operator.open-cluster-management.io

## 1.12.2.3. Query a MultiClusterHub operator

```
GET /operator.open-cluster-management.io/v1beta1/namespaces/{namespace}/operator/{multiclusterhub_name}
```

### 1.12.2.3.1. Description

Query a single multicluster hub operator for more details.

### 1.12.2.3.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>application_name</b> <i>required</i>	Name of the application that you want to query.	string

Type	Name	Description	Schema
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

### 1.12.2.3.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

### 1.12.2.3.4. Tags

- multiclusterhubs.operator.open-cluster-management.io

### 1.12.2.4. Delete a MultiClusterHub operator

```
DELETE /operator.open-cluster-management.io/v1beta1/namespaces/{namespace}/operator/{multiclusterhub_name}
```

#### 1.12.2.4.1. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Path	<b>application_name</b> <i>required</i>	Name of the multicluster hub operator that you want to delete.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

#### 1.12.2.4.2. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.12.2.4.3. Tags

- `multiclusterhubs.operator.open-cluster-management.io`

### 1.12.3. Definitions

#### 1.12.3.1. Multicluster hub operator

Name	Description	Schema
<b>apiVersion</b> <i>required</i>	The versioned schema of the MultiClusterHub.	string
<b>kind</b> <i>required</i>	String value that represents the REST resource.	string
<b>metadata</b> <i>required</i>	Describes rules that define the resource.	object
<b>spec</b> <i>required</i>	The resource specification.	<a href="#">spec</a>

#### spec

<b>availabilityConfig</b> <i>optional</i>	Specifies deployment replication for improved availability. The default value is <b>High</b> .	string
<b>customCAConfigmap</b> <i>optional</i>	Provide the customized OpenShift default ingress CA certificate to Red Hat Advanced Cluster Management.	string

<b>availabilityConfig</b> <i>optional</i>	Specifies deployment replication for improved availability. The default value is <b>High</b> .	string
<b>disableHubSelfManagement</b> <i>optional</i>	Disable automatic import of the hub cluster as a managed cluster.	boolean
<b>disableUpdateClusterImageSets</b> <i>optional</i>	Disable automatic update of ClusterImageSets.	boolean
<b>hive</b> <i>optional</i>	(Deprecated) An object that overrides for the default HiveConfig specification.	<a href="#">hive</a>
<b>imagePullSecret</b> <i>optional</i>	Overrides pull secret for accessing MultiClusterHub operand and endpoint images.	string
<b>ingress</b> <i>optional</i>	Configuration options for ingress management.	<a href="#">ingress</a>
<b>nodeSelector</b> <i>optional</i>	Set the node selectors.	string
<b>separateCertificateManagement</b> <i>optional</i>	(Deprecated) Install <b>cert-manager</b> into its own namespace.	boolean

## hive

<b>additionalCertificateAuthorities</b> <i>optional</i>	(Deprecated) A list of references to secrets in the <b>hive</b> namespace that contain an additional Certificate Authority to use when communicating with target clusters. These certificate authorities are used in addition to any self-signed CA generated by each cluster on installation.	object
<b>backup</b> <i>optional</i>	(Deprecated) Specifies the configuration for backup integration. If absent, backup integration is disabled.	<a href="#">backup</a>

<b>additionalCertificateAuthorities</b> <i>optional</i>	(Deprecated) A list of references to secrets in the <b>hive</b> namespace that contain an additional Certificate Authority to use when communicating with target clusters. These certificate authorities are used in addition to any self-signed CA generated by each cluster on installation.	object
<b>externalDNS</b> <i>optional</i>	(Deprecated) Specifies configuration for <b>external-dns</b> if it is to be deployed by Hive. If absent, <b>external-dns</b> is not be deployed.	object
<b>failedProvisionConfig</b> <i>required</i>	(Deprecated) Used to configure settings related to handling provision failures.	<a href="#">failedProvisionConfig</a>
<b>globalPullSecret</b> <i>optional</i>	(Deprecated) Used to specify a pull secret that is used globally by all of the cluster deployments. For each cluster deployment, the contents of <b>globalPullSecret</b> are merged with the specific pull secret for a cluster deployment (if specified), with precedence given to the contents of the pull secret for the cluster deployment.	object
<b>maintenanceMode</b> <i>optional</i>	(Deprecated) Can be set to true to disable the hive controllers in situations where you need to ensure nothing is running that adds or acts upon finalizers on Hive types. This should rarely be needed. Sets replicas to <b>0</b> for the <b>hive-controllers</b> deployment to accomplish this.	boolean

## ingress

<b>sslCiphers</b> <i>optional</i>	List of SSL ciphers enabled for management ingress. Defaults to full list of supported ciphers.	string
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## backup

<code>minBackupPeriodSeconds</code> <i>optional</i>	(Deprecated) Specifies that a minimum of <b>MinBackupPeriodSeconds</b> occurs in between each backup. This is used to rate limit backups. This potentially batches together multiple changes into one backup. No backups are lost as changes happen during this interval are queued up and result in a backup happening once the interval has been completed.	integer
<code>velero</code> <i>optional</i>	(Deprecated) Velero specifies configuration for the Velero backup integration.	object

### failedProvisionConfig

<code>skipGatherLogs</code> <i>optional</i>	(Deprecated) Disables functionality that attempts to gather full logs from the cluster if an installation fails for any reason. The logs are stored in a persistent volume for up to seven days.	boolean
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### status

<code>components</code> <i>optional</i>	The components of the status configuration.	object
<code>conditions</code> <i>optional</i>	Contains the different conditions for the multicluster hub.	<a href="#">conditions</a>
<code>desiredVersion</code> <i>optional</i>	Indicates the desired version.	string
<code>phase</code> <i>optional</i>	Represents the active phase of the MultiClusterHub resource. The values that are used for this parameter are: <b>Pending, Running, Installing, Updating, Uninstalling</b>	string

### conditions

<b>lastTransitionTime</b> <i>optional</i>	The last time the condition changed from one status to another.	string
<b>lastUpdateTime</b> <i>optional</i>	The last time this condition was updated.	string
<b>message</b> <i>required</i>	Message is a human-readable message indicating details about the last status change.	string
<b>reason</b> <i>required</i>	A brief reason for why the condition status changed.	string
<b>status</b> <i>required</i>	The status of the condition.	string
<b>type</b> <i>required</i>	The type of the cluster condition.	string

## StatusConditions

<b>kind</b> <i>required</i>	The resource <b>kind</b> that represents this status.	string
<b>available</b> <i>required</i>	Indicates whether this component is properly running.	boolean
<b>lastTransitionTime</b> <i>optional</i>	The last time the condition changed from one status to another.	metav1.time
<b>lastUpdateTime</b> <i>optional</i>	The last time this condition was updated.	metav1.time
<b>message</b> <i>required</i>	Message is a human-readable message indicating details about the last status change.	string
<b>reason</b> <i>optional</i>	A brief reason for why the condition status changed.	string
<b>status</b> <i>optional</i>	The status of the condition.	string
<b>type</b> <i>optional</i>	The type of the cluster condition.	string



