



# Red Hat Advanced Cluster Management for Kubernetes 2.1

APIs

APIs





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## Abstract

API guide for Red Hat Advanced Cluster Management for Kubernetes

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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](#)

## 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* : 2.1.0

#### 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
404	Resource not found	No Content



HTTP Code	Description	Schema
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* : 2.1.0

### 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
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

#### 1.2.2.2.4. 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* : 2.1.0

#### 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
clusterSet <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* : 2.1.0

#### 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",
  "name": "sample-channel",
  "namespace": "default",
  "spec": {
    "type": "Git",
```

```

"pathname" : "https://github.com/IBM/charts.git",
"configMapRef" : {
  "name" : "bookinfo-resource-filter-configmap",
  "kind" : "configmap"
}
}
}
}

```

### 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="https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#names">https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#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="https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#uids">https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#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

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="https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#names">https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#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="https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#uids">https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#uids</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* : 2.1.0

#### 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 wan 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

Type	Name	Description	Schema
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 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

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

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

Name	Schema
<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* : 2.1.0

#### 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 placementrules

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 placement rule 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
<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	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

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

Name	Schema
<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* : 2.1.0

#### 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

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

#### 1.7.2.2.4. 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 want 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* : 2.1.0

#### 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* : 2.1.0

#### 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": {
```



### 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>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* : 2.1.0

#### 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 60 seconds ( <b>60s</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 stateful sets, 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> stateful sets. 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