



# Red Hat Advanced Cluster Management for Kubernetes 2.7

## APIs

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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## 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 \(v1beta2\)](#)
- [ClusterSetBindings API \(v1beta2\)](#)
- [Channels API](#)
- [Subscriptions API](#)
- [PlacementRules API](#)
- [Applications API](#)
- [Helm API](#)
- [Policy API](#)
- [Observability API](#)
- [MultiClusterHub API](#)
- [Placements API \(v1beta1\)](#)
- [PlacementDecisions API \(v1beta1\)](#)
- [DiscoveryConfig API](#)
- [DiscoveredCluster API](#)
- [ManagedClusterSet 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.

**ManagedCluster** represents the desired state and current status of a managed cluster.

**ManagedCluster** is a cluster-scoped resource.

#### 1.1.1.1. Version information

*Version* : 2.7.0

### 1.1.1.2. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

### 1.1.1.3. Tags

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

## 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
500	Internal service error	No Content

HTTP Code	Description	Schema
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}

DELETE /hive.openshift.io/v1/{cluster\_name}/clusterdeployments/{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](https://cluster.open-cluster-management.io)

## 1.1.3. Definitions

### 1.1.3.1. Cluster

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

#### spec

Name	Description	Schema
<b>hubAcceptsClient</b> <i>required</i>	Specifies whether the hub can establish a connection with the klusterlet agent on the managed cluster. The default value is <b>false</b> , and can only be changed to <b>true</b> when you have an RBAC rule configured on the hub cluster that allows you to make updates to the virtual subresource of <b>managedclusters/accept</b> .	bool
<b>managedClusterClientConfigs</b> <i>optional</i>	Lists the apiserver addresses of the managed cluster.	<a href="#">managedClusterClientConfigs</a> array
<b>leaseDurationSeconds</b> <i>optional</i>	Specifies the lease update time interval of the klusterlet agents on the managed cluster. By default, the klusterlet agent updates its lease every 60 seconds.	integer (int32)
<b>taints</b> <i>optional</i>	Prevents a managed cluster from being assigned to one or more managed cluster sets during scheduling.	<a href="#">taint</a> array

## managedClusterClientConfigs

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

## taint

Name	Description	Schema
<b>key</b> <i>required</i>	The taint key that is applied to a cluster.	string
<b>value</b> <i>optional</i>	The taint value that corresponds to the taint key.	string
<b>effect</b> <i>optional</i>	Effect of the taint on placements that do not tolerate the taint. Valid values are <b>NoSelect</b> , <b>PreferNoSelect</b> , and <b>NoSelectIfNew</b> .	string

## 1.2. CLUSTERSETS API (V1BETA2)

### 1.2.1. Overview

This documentation is for the ClusterSet resource for Red Hat Advanced Cluster Management for Kubernetes. The ClusterSet resource has four possible requests: create, query, delete, and update. The ManagedClusterSet defines a group of ManagedClusters. You can assign a ManagedCluster to a specific ManagedClusterSet by adding a label with the name **cluster.open-cluster-management.io/clusterSet** on the ManagedCluster that refers to the ManagedClusterSet. You can only add or remove this label on a ManagedCluster when you have an RBAC rule that allows the **create** permissions on a virtual subresource of **managedclustersets/join**. You must have this permission on both the source and the target ManagedClusterSets to update this label.

#### 1.2.1.1. Version information

*Version* : 2.7.0

#### 1.2.1.2. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.2.1.3. Tags

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

## 1.2.2. Paths

### 1.2.2.1. Query all clustersets

GET `/cluster.open-cluster-management.io/v1beta2/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/v1beta2/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
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/v1beta2",
  "kind": "ManagedClusterSet",
  "metadata": {
    "name": "clusterset1"
  },
  "spec": {
    "clusterSelector": {
      "selectorType": "ExclusiveClusterSetLabel"
    }
  }
}
```

```

    },
    "status": {}
  }
}

```

### 1.2.2.3. Query a single clusterset

```
GET /cluster.open-cluster-management.io/v1beta2/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
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/v1beta2/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
<b>apiVersion</b> <i>required</i>	string
<b>kind</b> <i>required</i>	string
<b>metadata</b> <i>required</i>	object

## 1.3. CLUSTERSETBINDINGS API (V1BETA2)

### 1.3.1. Overview

This documentation is for the ClusterSetBinding resource for Red Hat Advanced Cluster Management for Kubernetes. The ClusterSetBinding resource has four possible requests: create, query, delete, and update. ManagedClusterSetBinding projects a ManagedClusterSet into a certain namespace. You can create a ManagedClusterSetBinding in a namespace and bind it to a ManagedClusterSet if you have an RBAC rule that allows you to **create** on the virtual subresource of **managedclustersets/bind**.

#### 1.3.1.1. Version information

*Version* : 2.7.0

#### 1.3.1.2. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.3.1.3. Tags

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

### 1.3.2. Paths

#### 1.3.2.1. Query all clustersetbindings

GET /cluster.open-cluster-management.io/v1beta2/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
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/v1beta2/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, <b>default</b> .	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
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/v1beta2",
  "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/v1beta2/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, <b>default</b> .	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/v1beta2/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, <b>default</b> .	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	Description	Schema
<b>apiVersion</b> <i>required</i>	Versioned schema of the <b>ManagedClusterSetBinding</b> .	string
<b>kind</b> <i>required</i>	String value that represents the REST resource.	string
<b>metadata</b> <i>required</i>	Metadata of the <b>ManagedClusterSetBinding</b> .	object
<b>spec</b> <i>required</i>	Specification of the <b>ManagedClusterSetBinding</b> .	<a href="#">spec</a>



spec

Name	Description	Schema
<b>clusterSet</b> <i>required</i>	Name of the <b>ManagedClusterSet</b> to bind. It must match the instance name of the <b>ManagedClusterSetBinding</b> and cannot change after it is created.	string

## 1.4. CLUSTERVIEW API (V1ALPHA1)

### 1.4.1. Overview

This documentation is for the **clusterview** resource for Red Hat Advanced Cluster Management for Kubernetes. The **clusterview** resource provides a CLI command that enables you to view a list of the managed clusters and managed cluster sets that that you can access. The three possible requests are: list, get, and watch.

#### 1.4.1.1. Version information

*Version* : 2.7.0

#### 1.4.1.2. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.4.1.3. Tags

- `clusterview.open-cluster-management.io` : View a list of managed clusters that your ID can access.

### 1.4.2. Paths

#### 1.4.2.1. Get managed clusters

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

##### 1.4.2.1.1. Description

View a list of the managed clusters that you can access.

##### 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

#### 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

- **managedcluster/yaml**

#### 1.4.2.1.5. Tags

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

### 1.4.2.2. List managed clusters

**LIST** /managedclusters.clusterview.open-cluster-management.io

#### 1.4.2.2.1. Description

View a list of the managed clusters that you can access.

#### 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
Body	<b>body</b> <i>optional</i>	Name of the user ID for which you want to list the managed clusters.	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

- **managedcluster/yaml**

#### 1.4.2.2.5. Tags

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

#### 1.4.2.2.6. Example HTTP request

##### 1.4.2.2.6.1. Request body

```
{
  "apiVersion" : "clusterview.open-cluster-management.io/v1alpha1",
  "kind" : "ClusterView",
  "metadata" : {
    "name" : "<user_ID>"
  },
  "spec": { },
  "status" : { }
}
```

#### 1.4.2.3. Watch the managed cluster sets

```
WATCH /managedclusters.clusterview.open-cluster-management.io
```

##### 1.4.2.3.1. Description

Watch the managed clusters that you can access.

##### 1.4.2.3.2. Parameters

Type	Name	Description	Schema
------	------	-------------	--------

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>clusterview_name</b> <i>optional</i>	Name of the user ID that you want to watch.	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

#### 1.4.2.4. List the managed cluster sets.

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

##### 1.4.2.4.1. Description

List the managed clusters that you can access.

##### 1.4.2.4.2. 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>clusterview_name</b> <i>optional</i>	Name of the user ID that you want to watch.	string

##### 1.4.2.4.3. 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

#### 1.4.2.5. List the managed cluster sets.

LIST /managedclustersets.clusterview.open-cluster-management.io

##### 1.4.2.5.1. Description

List the managed clusters that you can access.

##### 1.4.2.5.2. 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>clusterview_name</b> <i>optional</i>	Name of the user ID that you want to watch.	string

##### 1.4.2.5.3. 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

### 1.4.2.6. Watch the managed cluster sets.

WATCH /managedclustersets.clusterview.open-cluster-management.io

#### 1.4.2.6.1. Description

Watch the managed clusters that you can access.

#### 1.4.2.6.2. 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>clusterview_name</b> <i>optional</i>	Name of the user ID that you want to watch.	string

#### 1.4.2.6.3. 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. CHANNELS API

### 1.5.1. 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.

#### 1.5.1.1. Version information

*Version* : 2.7.0

#### 1.5.1.2. URI scheme

*BasePath* : /kubernetes/apis  
*Schemes* : HTTPS

### 1.5.1.3. Tags

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

## 1.5.2. Paths

### 1.5.2.1. Create a channel

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

#### 1.5.2.1.1. Description

Create a channel.

#### 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 deployable to be created.	<a href="#">Channel</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

- **application/yaml**

### 1.5.2.1.5. Tags

- channels.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": "Channel",
  "metadata": {
    "name": "sample-channel",
    "namespace": "default"
  },
  "spec": {
    "configMapRef": {
      "kind": "configmap",
      "name": "bookinfo-resource-filter-configmap"
    },
    "pathname": "https://charts.helm.sh/stable",
    "type": "HelmRepo"
  }
}
```

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

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

#### 1.5.2.2.1. Description

Query your channels 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



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

#### 1.5.2.2.4. Consumes

- **application/yaml**

#### 1.5.2.2.5. Tags

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

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

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

#### 1.5.2.3.1. Description

Query a single channels 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>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

#### 1.5.2.3.3. 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

#### 1.5.2.3.4. Tags

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

#### 1.5.2.4. Delete a Channel

**DELETE** /apps.open-cluster-management.io/v1/namespaces/{namespace}/channels/{channel\_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>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

##### 1.5.2.4.2. 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

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

## 1.5.3. Definitions

### 1.5.3.1. Channel

Name	Schema
<b>apiVersion</b> <i>required</i>	string
<b>kind</b> <i>required</i>	string
<b>metadata</b> <i>required</i>	object
<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 <code>desiredState.manifest.containers[2]</code> . For example, if the object reference is to a container within a pod, this would take on a value like: <code>"spec.containers{name}"</code> (where "name" refers to the name of the container that triggered the event) or if no container name is specified <code>"spec.containers[2]"</code> (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://kubernetes.io/docs/concepts/overview/working-with-objects/kubernetes-objects/">https://kubernetes.io/docs/concepts/overview/working-with-objects/kubernetes-objects/</a>	<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>

**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

Name	Description	Schema
<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
<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

## 1.6. SUBSCRIPTIONS API

### 1.6.1. 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.

### 1.6.1.1. Version information

*Version* : 2.7.0

### 1.6.1.2. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

### 1.6.1.3. Tags

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

## 1.6.2. Paths

### 1.6.2.1. Create a subscription

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

#### 1.6.2.1.1. Description

Create a subscription.

#### 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 subscription to be created.	<a href="#">Subscription</a>

#### 1.6.2.1.3. 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

#### 1.6.2.1.4. Consumes

- **subscription/yaml**

#### 1.6.2.1.5. Tags

- subscriptions.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": "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"
  }
}
}
}
}

```

### 1.6.2.2. Query all subscriptions

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

#### 1.6.2.2.1. Description

Query your subscriptions 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

- **subscription/yaml**

#### 1.6.2.2.5. Tags

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

### 1.6.2.3. Query a single subscription

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

#### 1.6.2.3.1. Description

Query a single subscription 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>subscription_name</b> <i>required</i>	Name of the subscription that you wan 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

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

### 1.6.2.4. Delete a subscription

```
DELETE /apps.open-cluster-
management.io/v1/namespaces/{namespace}/subscriptions/{subscription_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>subscription_n ame</b> <i>required</i>	Name of the subscription 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

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

## 1.6.3. Definitions

### 1.6.3.1. Subscription

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

Name	Schema
<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>
<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>

Name	Schema
<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 : <code>"()(\\.[0-9])(\\.) (\\.[0-9])?(\\.[xX])\$"</code>	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

Name	Schema
<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

Name	Schema
<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

### 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
<b>statuses</b> <i>optional</i>	object

## 1.7. PLACEMENTRULES API

### 1.7.1. 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.

#### 1.7.1.1. Version information

*Version* : 2.7.0

#### 1.7.1.2. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.7.1.3. Tags

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

### 1.7.2. Paths

#### 1.7.2.1. Create a placement rule

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

##### 1.7.2.1.1. Description

Create a placement rule.

### 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 placement rule to be created.	<a href="#">PlacementRule</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

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

### 1.7.2.1.6. Example HTTP request

#### 1.7.2.1.6.1. 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" : { }
}
}

```

### 1.7.2.2. Query all placement rules

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

#### 1.7.2.2.1. Description

Query your placement rules 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

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

### 1.7.2.3. Query a single placementrule

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

#### 1.7.2.3.1. Description

Query a single placement rule 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>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

#### 1.7.2.3.3. 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

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

### 1.7.2.4. Delete a placementrule

```
DELETE /apps.open-cluster-management.io/v1/namespaces/{namespace}/placementrules/{placementrule_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>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

#### 1.7.2.4.2. 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

#### 1.7.2.4.3. Tags

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

### 1.7.3. Definitions

#### 1.7.3.1. 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

## 1.8. APPLICATIONS API

### 1.8.1. 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.

#### 1.8.1.1. Version information

*Version* : 2.7.0

#### 1.8.1.2. URI scheme

*BasePath* : /kubernetes/apis  
*Schemes* : HTTPS

#### 1.8.1.3. Tags

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

### 1.8.2. Paths

#### 1.8.2.1. Create a application

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

##### 1.8.2.1.1. Description

Create a application.

##### 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 application to be created.	<a href="#">Application</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

- applications.app.k8s.io

### 1.8.2.1.6. Example HTTP request

#### 1.8.2.1.6.1. 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" : { }
}

```

### 1.8.2.2. Query all applications

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

#### 1.8.2.2.1. Description

Query your applications 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
503	Service unavailable	No Content

#### 1.8.2.2.4. Consumes

- **application/yaml**

#### 1.8.2.2.5. Tags

- applications.app.k8s.io

### 1.8.2.3. Query a single application

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

#### 1.8.2.3.1. Description

Query a single application 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>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

#### 1.8.2.3.3. 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

#### 1.8.2.3.4. Tags

- applications.app.k8s.io

### 1.8.2.4. Delete a application

DELETE /app.k8s.io/v1beta1/namespaces/{namespace}/applications/{application\_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>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

#### 1.8.2.4.2. 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

- applications.app.k8s.io

### 1.8.3. Definitions

#### 1.8.3.1. Application

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

Name	Schema
<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

Name	Schema
<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

Name	Schema
<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
<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>

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

### ingressRef

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



Name	Schema
<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
<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

## 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)
<b>resourceVersion</b> <i>optional</i>	string
<b>uid</b> <i>optional</i>	string

## 1.9. HELM API

### 1.9.1. 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.

#### 1.9.1.1. Version information

Version : 2.7.0

### 1.9.1.2. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

### 1.9.1.3. Tags

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

## 1.9.2. Paths

### 1.9.2.1. Create a helmrelease

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

#### 1.9.2.1.1. Description

Create a helmrelease.

#### 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 helmrelease to be created.	<a href="#">HelmRelease</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
500	Internal service error	No Content
503	Service unavailable	No Content

#### 1.9.2.1.4. Consumes

- **application/yaml**

#### 1.9.2.1.5. Tags

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

#### 1.9.2.1.6. Example HTTP request

##### 1.9.2.1.6.1. 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
    }
  }
}
```

#### 1.9.2.2. Query all helmreleases

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

##### 1.9.2.2.1. Description

Query your helmreleases 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

Type	Name	Description	Schema
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, 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/yaml**

### 1.9.2.2.5. Tags

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

## 1.9.2.3. Query a single helmrelease

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

### 1.9.2.3.1. Description

Query a single helmrelease 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>helmrelease_name</b> <i>required</i>	Name of the helmrelease that you wan to query.	string

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

### 1.9.2.3.3. 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

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

### 1.9.2.4. Delete a helmrelease

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

#### 1.9.2.4.2. 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

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

## 1.9.3. Definitions

### 1.9.3.1. 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

Name	Schema
<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

Name	Schema
<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

## 1.10. POLICY API

### 1.10.1. 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.

#### 1.10.1.1. Version information

*Version* : 2.7.0

#### 1.10.1.2. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.10.1.3. Tags

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

### 1.10.2. Paths

#### 1.10.2.1. Create a policy

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

##### 1.10.2.1.1. Description

Create a policy.

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

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	Parameters describing the policy to be created.	YAML

### 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/json**

### 1.10.2.1.5. Tags

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

### 1.10.2.1.6. Example HTTP request

#### 1.10.2.1.6.1. Request body

```
{
  "apiVersion": "policy.open-cluster-management.io/v1",
  "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/v1",
  "complianceType": "musthave",
  "metadataComplianceType": "musthave",
  "metadata": {
    "namespace": null,
    "name": "test-role"
  },
},
"selector": {
  "matchLabels": {
    "cloud": "IBM"
  }
},
},
"spec" : {
  "object-templates": {
    "complianceType": "musthave",
    "metadataComplianceType": "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": [

```



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

#### 1.10.2.2.4. Consumes

- **application/json**

#### 1.10.2.2.5. Tags

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

### 1.10.2.3. Query a single policy

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

#### 1.10.2.3.1. Description

Query a single policy 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>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

#### 1.10.2.3.3. 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

#### 1.10.2.3.4. Tags

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

#### 1.10.2.4. Delete a policy

```
DELETE /policy.open-cluster-management.io/v1/namespaces/{namespace}/policies/{policy_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>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

##### 1.10.2.4.2. 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

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



### 1.10.3. Definitions

#### 1.10.3.1. 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

Name	Description	Schema
<b>metadataComplianceType</b> <i>optional</i>	Provides a way for users to process labels and annotations of an object differently than the other fields. The parameter value defaults to the same value of the <b>ComplianceType</b> parameter.	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

## 1.11. OBSERVABILITY API

### 1.11.1. 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.

### 1.11.1.1. Version information

*Version* : 2.7.0

### 1.11.1.2. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

### 1.11.1.3. Tags

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

## 1.11.2. Paths

### 1.11.2.1. Create a multiclusterobservability resource

POST /apis/observability.open-cluster-management.io/v1beta2/multiclusterobservabilities

#### 1.11.2.1.1. Description

Create a MultiClusterObservability resource.

#### 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
Body	<b>body</b> <i>required</i>	Parameters describing the MultiClusterObservability resource to be created.	<a href="#">MultiClusterObservability</a>

#### 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

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

#### 1.11.2.1.4. Consumes

- **application/yaml**

#### 1.11.2.1.5. Tags

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

#### 1.11.2.1.6. Example HTTP request

##### 1.11.2.1.6.1. Request body

```
{
  "apiVersion": "observability.open-cluster-management.io/v1beta2",
  "kind": "MultiClusterObservability",
  "metadata": {
    "name": "example"
  },
  "spec": {
    "observabilityAddonSpec": {},
    "storageConfig": {
      "metricObjectStorage": {
        "name": "thanos-object-storage",
        "key": "thanos.yaml"
      },
      "writeStorage": {
        - "key": " ",
          "name": " "
        - "key": " ",
          "name": " "
      }
    }
  }
}
```

#### 1.11.2.2. Query all multiclusterobservabilities

```
GET /apis/observability.open-cluster-management.io/v1beta2/multiclusterobservabilities
```

##### 1.11.2.2.1. Description

Query your MultiClusterObservability resources for more details.

##### 1.11.2.2.2. Parameters

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

### 1.11.2.2.3. 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

### 1.11.2.2.4. Consumes

- **application/yaml**

### 1.11.2.2.5. Tags

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

## 1.11.2.3. Query a single multiclusterobservability

```
GET /apis/observability.open-cluster-management.io/v1beta2/multiclusterobservabilities/{multiclusterobservability_name}
```

### 1.11.2.3.1. Description

Query a single MultiClusterObservability resource 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

Type	Name	Description	Schema
Path	<b>multiclusterobservability_name</b> <i>required</i>	Name of the multiclusterobservability that you want to query.	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

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

### 1.11.2.4. Delete a multiclusterobservability resource

```
DELETE /apis/observability.open-cluster-management.io/v1beta2/multiclusterobservabilities/{multiclusterobservability_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>multiclusterobservability_name</b> <i>required</i>	Name of the multiclusterobservability that you want to delete.	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

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

### 1.11.3. Definitions

#### 1.11.3.1. 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>enableDownsampling</b> <i>optional</i>	Enable or disable the downsample. Default value is <b>true</b> . If there is no downsample data, the query is unavailable.	boolean
<b>imagePullPolicy</b> <i>optional</i>	Pull policy for the MultiClusterObservability images. The default value is <b>Always</b> .	corev1.PullPolicy

Name	Description	Schema
<b>imagePullSecret</b> <i>optional</i>	Pull secret for the MultiClusterObservability images. The default value is <b>multiclusterhub-operator-pull-secret</b>	string
<b>nodeSelector</b> <i>optional</i>	Specification of the node selector.	map[string]string
<b>observabilityAddonSpec</b> <i>required</i>	The global settings for all managed clusters, which have the observability add-on installed.	<a href="#">observabilityAddonSpec</a>
<b>storageConfig</b> <i>required</i>	Specifies the storage configuration to be used by observability.	StorageConfig
<b>tolerations</b> <i>optional</i>	Provided the ability for all components to tolerate any taints.	[]corev1.Toleration
<b>advanced</b> <i>optional</i>	The advanced configuration settings for observability.	<a href="#">advanced</a>
<b>resources</b> <i>optional</i>	Compute resources required by MultiClusterObservability.	corev1.ResourceRequirements
<b>replicas</b> <i>optional</i>	Replicas for MultiClusterObservability.	integer

### storageConfig

Name	Description	Schema
<b>alertmanagerStorageSize</b> <i>optional</i>	The amount of storage applied to the alertmanager stateful sets. Default value is <b>1Gi</b> .	string
<b>compactStorageSize</b> <i>optional</i>	The amount of storage applied to the thanos compact stateful sets. Default value is <b>100Gi</b> .	string
<b>metricObjectStorage</b> <i>required</i>	Object store to configure secrets for metrics.	<a href="#">metricObjectStorage</a>
<b>receiveStorageSize</b> <i>optional</i>	The amount of storage applied to thanos receive stateful sets. Default value is <b>100Gi</b> .	string



Name	Description	Schema
<b>ruleStorageSize</b> <i>optional</i>	The amount of storage applied to thanos rule stateful sets. Default value is <b>1Gi</b> .	string
<b>storageClass</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
<b>storeStorageSize</b> <i>optional</i>	The amount of storage applied to thanos store stateful sets. Default value is <b>10Gi</b> .	string
<b>writeStorage</b> <i>optional</i>	A list of endpoint access information.	[ ] <a href="#">WriteStorage</a>

### writeStorage

Name	Description	Schema
<b>name</b> <i>required</i>	The name of the secret with endpoint access information.	string
<b>key</b> <i>required</i>	The key of the secret to select from.	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. See <a href="#">Thanos documentation</a> .	string
<b>name</b> <i>required</i>	Name of the <b>metricObjectStorage</b> . See <a href="#">Kubernetes Names</a> for more information.	string

### 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
<b>interval</b> <i>optional</i>	Interval for when the observability add-on sends metrics to the hub cluster. Default value is 300 seconds ( <b>300s</b> ).	integer
<b>resources</b> <i>optional</i>	Resource for the metrics collector resource requirement. The default CPU request is <b>100m</b> , memory request is <b>100Mi</b> .	corev1.ResourceRequirements

### advanced

Name	Description	Schema
<b>retentionConfig</b> <i>optional</i>	Specifies the data retention configuration to be used by observability.	<b>RetentionConfig</b>
<b>rbacQueryProxy</b> <i>optional</i>	Specifies the replicas and resources for the rbac-query-proxy deployment.	CommonSpec
<b>grafana</b> <i>optional</i>	Specifies the replicas and resources for the grafana deployment	CommonSpec
<b>alertmanager</b> <i>optional</i>	Specifies the replicas and resources for alertmanager statefulset.	CommonSpec
<b>observatoriumAPI</b> <i>optional</i>	Specifies the replicas and resources for the <b>observatorium-api</b> deployment.	CommonSpec
<b>queryFrontend</b> <i>optional</i>	Specifies the replicas and resources for the query-frontend deployment.	CommonSpec

Name	Description	Schema
<b>query</b> <i>optional</i>	Specifies the replicas and resources for the query deployment.	CommonSpec
<b>receive</b> <i>optional</i>	Specifies the replicas and resources for the receive statefulset.	CommonSpec
<b>rule</b> <i>optional</i>	Specifies the replicas and resources for rule statefulset.	CommonSpec
<b>store</b> <i>optional</i>	Specifies the replicas and resources for the store statefulset.	CommonSpec
<b>CompactSpec</b> <i>optional</i>	Specifies the resources for compact statefulset.	<a href="#">compact</a>
<b>storeMemcached</b> <i>optional</i>	Specifies the replicas, resources, etc. for store-memcached.	<a href="#">storeMemcached</a>
<b>queryFrontendMemcached</b> <i>optional</i>	Specifies the replicas, resources, etc for query-front-end-memcached.	CacheConfig

## retentionConfig

Name	Description	Schema
<b>blockDuration</b> <i>optional</i>	The amount of time to block the duration for Time Series Database (TSDB) block. Default value is <b>2h</b> .	string
<b>cleanupInterval</b> <i>optional</i>	The frequency of how often partially uploaded blocks are cleaned, and how often blocks with the deletion mark that have <b>--wait</b> enabled are cleaned. Default value is <b>5m</b> .	string
<b>deleteDelay</b> <i>optional</i>	The amount of time until a block marked for deletion is deleted from a bucket. Default value is <b>48h</b> .	string

Name	Description	Schema
<b>retentionInLocal</b> <i>optional</i>	The amount of time to retain raw samples from the local storage. Default value is <b>24h</b> .	string
<b>retentionResolutionRaw</b> <i>optional</i>	The amount of time to retain raw samples of resolution 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 180 days ( <b>180d</b> ).	string
<b>retentionResolution1h</b> <i>optional</i>	The amount of time to retain samples of resolution 2 (1 hour) in a bucket. Default value is 0 days ( <b>0d</b> ).	string

### CompactSpec

Name	Description	Schema
<b>resources</b> <i>optional</i>	Compute resources required by thanos compact.	corev1.ResourceRequirements
<b>serviceAccountAnnotations</b> <i>optional</i>	Annotations is an unstructured key value map stored with the compact service account.	map[string]string

### storeMemcached

Name	Description	Schema
<b>resources</b> <i>optional</i>	Compute resources required by MultiClusterObservability.	corev1.ResourceRequirements
<b>replicas</b> <i>optional</i>	Replicas for MultiClusterObservability.	integer
<b>memoryLimitMb</b> <i>optional</i>	Memory limit of Memcached in megabytes.	integer
<b>maxItemSize</b> <i>optional</i>	Max item size of Memcached. The default value is <b>1m, min:1k, max:1024m</b> .	string

Name	Description	Schema
<b>connectionLimit</b> <i>optional</i>	Max simultaneous connections of Memcached. The default value is	integer

### status

Name	Description	Schema
<b>status</b> <i>optional</i>	Status contains the different condition statuses for MultiClusterObservability.	metav1.Condition

### CommonSpec

Name	Description	Schema
<b>resources</b> <i>optional</i>	Compute resources required by the component.	corev1.ResourceRequirements
<b>replicas</b> <i>optional</i>	Replicas for the component.	integer

### QuerySpec

Name	Description	Schema
<b>CommonSpec</b> <i>optional</i>	Specifies the replicas and resources for the query deployment.	CommonSpec
<b>serviceAccountAnnotations</b> <i>optional</i>	Annotations is an unstructured key value map stored with the query service account.	map[string]string

### ReceiveSpec

Name	Description	Schema
<b>CommonSpec</b> <i>optional</i>	Specifies the replicas and resources for the query deployment.	CommonSpec

<b>serviceAccountAnnotations</b> <i>optional</i>	Annotations is an unstructured key value map stored with the query service account.	map[string]string
---	---	-------------------

## StoreSpec

Name	Description	Schema
<b>CommonSpec</b> <i>optional</i>	Specifies the replicas and resources for the query deployment.	CommonSpec
<b>serviceAccountAnnotations</b> <i>optional</i>	Annotations is an unstructured key value map stored with the query service account.	map[string]string

## RuleSpec

Name	Description	Schema
<b>CommonSpec</b> <i>optional</i>	Specifies the replicas and resources for the query deployment.	CommonSpec
<b>evalInterval</b> <i>optional</i>	Specifies the evaluation interval for the rules.	string
<b>serviceAccountAnnotations</b> <i>optional</i>	Annotations is an unstructured key value map stored with the query service account.	map[string]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* : 2.7.0

#### 1.12.1.2. URI scheme

*BasePath* : /kubernetes/apis  
*Schemes* : HTTPS

### 1.12.1.3. Tags

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

## 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/v1",
  "kind": "CustomResourceDefinition",
  "metadata": {
    "name": "multiclusterhubs.operator.open-cluster-management.io"
  },
  "spec": {
    "group": "operator.open-cluster-management.io",
    "names": {
      "kind": "MultiClusterHub",
      "listKind": "MultiClusterHubList",
      "plural": "multiclusterhubs",
      "shortNames": [
        "mch"
      ],
      "singular": "multiclusterhub"
    },
    "scope": "Namespaced",
    "versions": [
      {
        "additionalPrinterColumns": [
          {
            "description": "The overall status of the multicluster hub.",
            "jsonPath": ".status.phase",
            "name": "Status",
            "type": "string"
          }
        ],
        "jsonPath": ".metadata.creationTimestamp",
        "name": "Age",
        "type": "date"
      }
    ],
    "name": "v1",
    "schema": {
      "openAPIV3Schema": {
        "description": "MultiClusterHub defines the configuration for an instance of the multiCluster hub.",
        "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. The value is 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 the 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": "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 for changes that happen during the interval
                    that is queued up, and results in a backup 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 the 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 reference a secret that is 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 Google Cloud Platform specific settings for external

```

```

DNS.",
  "properties": {
    "credentials": {
      "description": "(Deprecated) Credentials reference 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 names '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"
},
  "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 is 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 you need to ensure nothing is running that adds or act 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": "(Deprecated) 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\ndetails 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. 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 contain 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. One of 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"
}
},
"served": true,
"storage": true,
"subresources": {
"status": {}
}
}
]
}
}
}

```

### 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

Type	Name	Description	Schema
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

### 1.12.2.3.3. 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
--------------------------------------	---	--------

## 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
--	--	---------

### 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

## 1.13. PLACEMENTS API (V1BETA1)

### 1.13.1. Overview

This documentation is for the Placement resource for Red Hat Advanced Cluster Management for Kubernetes. The Placement resource has four possible requests: create, query, delete, and update. Placement defines a rule to select a set of ManagedClusters from the ManagedClusterSets that are bound to the placement namespace. A slice of PlacementDecisions with the label **cluster.open-cluster-management.io/placement={placement name}** is created to represent the ManagedClusters that are selected by this placement.

#### 1.13.1.1. Version information

Version : 2.7.0

#### 1.13.1.2. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

#### 1.13.1.3. Tags

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

### 1.13.2. Paths

#### 1.13.2.1. Query all Placements

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

##### 1.13.2.1.1. Description

Query your Placements for more details.

##### 1.13.2.1.2. Parameters

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

##### 1.13.2.1.3. 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

#### 1.13.2.1.4. Consumes

- **placement/yaml**

#### 1.13.2.1.5. Tags

- cluster.open-cluster-management.io

### 1.13.2.2. Create a Placement

POST /cluster.open-cluster-management.io/v1beta1/namespaces/{namespace}/placements

#### 1.13.2.2.1. Description

Create a Placement.

#### 1.13.2.2.2. 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 placement to be created.	<a href="#">Placement</a>

#### 1.13.2.2.3. 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

#### 1.13.2.2.4. Consumes

- **placement/yaml**

#### 1.13.2.2.5. Tags

- cluster.open-cluster-management.io

#### 1.13.2.2.6. Example HTTP request

##### 1.13.2.2.6.1. Request body

```
{
  "apiVersion" : "cluster.open-cluster-management.io/v1beta1",
  "kind" : "Placement",
  "metadata" : {
    "name" : "placement1",
    "namespace": "ns1"
  },
  "spec": {
    "predicates": [
      {
        "requiredClusterSelector": {
          "labelSelector": {
            "matchLabels": {
              "vendor": "OpenShift"
            }
          }
        }
      }
    ]
  },
  "status" : {}
}
```

#### 1.13.2.3. Query a single Placement

```
GET /cluster.open-cluster-management.io/v1beta1/namespaces/{namespace}/placements/{placement_name}
```

##### 1.13.2.3.1. Description



Query a single Placement for more details.

#### 1.13.2.3.2. 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>placement_name</b> <i>required</i>	Name of the Placement that you want to query.	string

#### 1.13.2.3.3. 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

#### 1.13.2.3.4. Tags

- cluster.open-cluster-management.io

#### 1.13.2.4. Delete a Placement

**DELETE** /cluster.open-cluster-management.io/v1beta1/namespaces/{namespace}/placements/{placement\_name}

##### 1.13.2.4.1. Description

Delete a single Placement.

##### 1.13.2.4.2. 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>placement_name</b> <i>required</i>	Name of the Placement that you want to delete.	string

### 1.13.2.4.3. 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

### 1.13.2.4.4. Tags

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

## 1.13.3. Definitions

### 1.13.3.1. Placement

Name	Description	Schema
<b>apiVersion</b> <i>required</i>	Versioned schema of the Placement.	string
<b>kind</b> <i>required</i>	String value that represents the REST resource.	string
<b>metadata</b> <i>required</i>	Metadata of the Placement.	object
<b>spec</b> <i>required</i>	Specification of the Placement.	<a href="#">spec</a>

**spec**

Name	Description	Schema
<b>clusterSets</b> <i>optional</i>	A subset of <b>ManagedClusterSets</b> from which the <b>ManagedClusters</b> are selected. If the <b>ManagedClusterSet</b> is empty, <b>ManagedClusters</b> are selected from the <b>ManagedClusterSets</b> that are bound to the Placement namespace. If the <b>ManagedClusterSet</b> contains <b>ManagedClusters</b> , <b>ManagedClusters</b> are selected from the intersection of this subset. The selected <b>ManagedClusterSets</b> are bound to the placement namespace.	string array
<b>numberOfClusters</b> <i>optional</i>	Number of <b>ManagedClusters</b> that you want to be selected.	integer (int32)
<b>predicates</b> <i>optional</i>	Subset of cluster predicates that select <b>ManagedClusters</b> . The conditional logic is <i>OR</i> .	<a href="#">clusterPredicate</a> array
<b>prioritizerPolicy</b> <i>optional</i>	Policy of the prioritizers.	<a href="#">prioritizerPolicy</a>
<b>tolerations</b> <i>optional</i>	Value that allows, but does not require, the managed clusters with certain taints to be selected by placements with matching tolerations.	<a href="#">toleration</a> array

### clusterPredicate

Name	Description	Schema
<b>requiredClusterSelector</b> <i>optional</i>	A cluster selector to select <b>ManagedClusters</b> with a label and cluster claim.	<a href="#">clusterSelector</a>

### clusterSelector

Name	Description	Schema
<b>labelSelector</b> <i>optional</i>	Selector of <b>ManagedClusters</b> by label.	object
<b>claimSelector</b> <i>optional</i>	Selector of <b>ManagedClusters</b> by claim.	<a href="#">clusterClaimSelector</a>

### clusterClaimSelector

Name	Description	Schema
<b>matchExpressions</b> <i>optional</i>	Subset of the cluster claim selector requirements. The conditional logic is <i>AND</i> .	< object > array

### prioritizerPolicy

Name	Description	Schema
<b>mode</b> <i>optional</i>	Either <b>Exact</b> , <b>Additive</b> , or "". The default value of "" is <b>Additive</b> .	string
<b>configurations</b> <i>optional</i>	Configuration of the prioritizer.	<a href="#">prioritizerConfig</a> array

### prioritizerConfig

Name	Description	Schema
<b>scoreCoordinate</b> <i>required</i>	Configuration of the prioritizer and score source.	<a href="#">scoreCoordinate</a>
<b>weight</b> <i>optional</i>	Weight of the prioritizer score. The value must be within the range: [-10,10].	int32

### scoreCoordinate

Name	Description	Schema
<b>type</b> <i>required</i>	Type of the prioritizer score. Valid values are "BuiltIn" or "AddOn".	string

Name	Description	Schema
<b>builtIn</b> <i>optional</i>	Name of a <b>BuiltIn</b> prioritizer from the following options: 1) Balance: Balance the decisions among the clusters. 2) Steady: Ensure the existing decision is stabilized. 3) ResourceAllocatableCPU & ResourceAllocatableMemory: Sort clusters based on the allocatable resources. 4) Spread: Spread the workload evenly to topologies.	string
<b>addOn</b> <i>optional</i>	When type is <b>AddOn</b> , <b>AddOn</b> defines the resource name and score name.	object

## toleration

Name	Description	Schema
<b>key</b> <i>optional</i>	Taint key that the toleration applies to. Empty means match all of the taint keys.	string
<b>operator</b> <i>optional</i>	Relationship of a key to the value. Valid operators are <b>Exists</b> and <b>Equal</b> . The default value is <b>Equal</b> .	string
<b>value</b> <i>optional</i>	Taint value that matches the toleration.	string
<b>effect</b> <i>optional</i>	Taint effect to match. Empty means match all of the taint effects. When specified, allowed values are <b>NoSelect</b> , <b>PreferNoSelect</b> , and <b>NoSelectIfNew</b> .	string
<b>tolerationSeconds</b> <i>optional</i>	Length of time that a taint is tolerated, after which the taint is not tolerated. The default value is nil, which indicates that there is no time limit on how long the taint is tolerated.	int64

## 1.14. PLACEMENTDECISIONS API (V1BETA1)

## 1.14.1. Overview

This documentation is for the PlacementDecision resource for Red Hat Advanced Cluster Management for Kubernetes. The PlacementDecision resource has four possible requests: create, query, delete, and update. A PlacementDecision indicates a decision from a placement. A PlacementDecision uses the label **cluster.open-cluster-management.io/placement={placement name}** to reference a certain placement.

### 1.14.1.1. Version information

*Version* : 2.7.0

### 1.14.1.2. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

### 1.14.1.3. Tags

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

## 1.14.2. Paths

### 1.14.2.1. Query all PlacementDecisions

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

#### 1.14.2.1.1. Description

Query your PlacementDecisions for more details.

#### 1.14.2.1.2. Parameters

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

#### 1.14.2.1.3. 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

#### 1.14.2.1.4. Consumes

- **placementdecision/yaml**

#### 1.14.2.1.5. Tags

- cluster.open-cluster-management.io

### 1.14.2.2. Create a PlacementDecision

POST /cluster.open-cluster-management.io/v1beta1/namespaces/{namespace}/placementdecisions

#### 1.14.2.2.1. Description

Create a PlacementDecision.

#### 1.14.2.2.2. 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 PlacementDecision to be created.	<a href="#">PlacementDecision</a>

#### 1.14.2.2.3. 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

#### 1.14.2.2.4. Consumes

- **placementdecision/yaml**

#### 1.14.2.2.5. Tags

- cluster.open-cluster-management.io

#### 1.14.2.2.6. Example HTTP request

##### 1.14.2.2.6.1. Request body

```
{
  "apiVersion" : "cluster.open-cluster-management.io/v1beta1",
  "kind" : "PlacementDecision",
  "metadata" : {
    "labels" : {
      "cluster.open-cluster-management.io/placement" : "placement1"
    },
    "name" : "placement1-decision1",
    "namespace": "ns1"
  },
  "status" : {}
}
```

#### 1.14.2.3. Query a single PlacementDecision

```
GET /cluster.open-cluster-management.io/v1beta1/namespaces/{namespace}/placementdecisions/{placementdecision_name}
```

##### 1.14.2.3.1. Description

Query a single PlacementDecision for more details.

##### 1.14.2.3.2. 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>placementdecision_name</b> <i>required</i>	Name of the PlacementDecision that you want to query.	string

##### 1.14.2.3.3. 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

#### 1.14.2.3.4. Tags

- cluster.open-cluster-management.io

#### 1.14.2.4. Delete a PlacementDecision

```
DELETE /cluster.open-cluster-management.io/v1beta1/namespaces/{namespace}/placementdecisions/{placementdecision_name}
```

##### 1.14.2.4.1. Description

Delete a single PlacementDecision.

##### 1.14.2.4.2. 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>placementdecision_name</b> <i>required</i>	Name of the PlacementDecision that you want to delete.	string

##### 1.14.2.4.3. 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

#### 1.14.2.4.4. Tags

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

### 1.14.3. Definitions

#### 1.14.3.1. PlacementDecision

Name	Description	Schema
<b>apiVersion</b> <i>required</i>	Versioned schema of <b>PlacementDecision</b> .	string
<b>kind</b> <i>required</i>	String value that represents the REST resource.	string
<b>metadata</b> <i>required</i>	Metadata of <b>PlacementDecision</b> .	object
<b>status</b> <i>optional</i>	Current status of the <b>PlacementDecision</b> .	<a href="#">PlacementStatus</a>

#### PlacementStatus

Name	Description	Schema
<b>Decisions</b> <i>required</i>	Slice of decisions according to a placement.	<a href="#">ClusterDecision</a> array

#### ClusterDecision

Name	Description	Schema
<b>clusterName</b> <i>required</i>	Name of the <b>ManagedCluster</b> .	string
<b>reason</b> <i>required</i>	Reason why the <b>ManagedCluster</b> is selected.	string

## 1.15. DISCOVERYCONFIG API

### 1.15.1. Overview

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

#### 1.15.1.1. Version information

*Version* : 2.7.0

#### 1.15.1.2. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.15.1.3. Tags

- discoveryconfigs.discovery.open-cluster-management.io : Create and manage DiscoveryConfigs

### 1.15.2. Paths

#### 1.15.2.1. Create a DiscoveryConfig

POST /app.k8s.io/v1/namespaces/{namespace}/discoveryconfigs

##### 1.15.2.1.1. Description

Create a DiscoveryConfig.

##### 1.15.2.1.2. 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 DiscoveryConfig to be created.	DiscoveryConfig

##### 1.15.2.1.3. 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

#### 1.15.2.1.4. Consumes

- **discoveryconfigs/yaml**

#### 1.15.2.1.5. Tags

- `discoveryconfigs.discovery.open-cluster-management.io`

##### 1.15.2.1.5.1. Request body

```
{
  "apiVersion": "apiextensions.k8s.io/v1",
  "kind": "CustomResourceDefinition",
  "metadata": {
    "annotations": {
      "controller-gen.kubebuilder.io/version": "v0.4.1",
    },
    "creationTimestamp": null,
    "name": "discoveryconfigs.discovery.open-cluster-management.io",
  },
  "spec": {
    "group": "discovery.open-cluster-management.io",
    "names": {
      "kind": "DiscoveryConfig",
      "listKind": "DiscoveryConfigList",
      "plural": "discoveryconfigs",
      "singular": "discoveryconfig"
    },
    "scope": "Namespaced",
    "versions": [
      {
        "name": "v1",
        "schema": {
          "openAPIV3Schema": {
            "description": "DiscoveryConfig is the Schema for the discoveryconfigs API",
            "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": "DiscoveryConfigSpec defines the desired state of DiscoveryConfig",
    "properties": {
      "credential": {
        "description": "Credential is the secret containing credentials to connect to the OCM api on behalf of a user",
        "type": "string"
      },
      "filters": {
        "description": "Sets restrictions on what kind of clusters to discover",
        "properties": {
          "lastActive": {
            "description": "LastActive is the last active in days of clusters to discover, determined by activity timestamp",
            "type": "integer"
          }
        }
      },
      "openShiftVersions": {
        "description": "OpenShiftVersions is the list of release versions of OpenShift of the form \"<Major>.<Minor>\"",
        "items": {
          "description": "Semver represents a partial semver string with the major and minor version in the form \"<Major>.<Minor>\". For example: \"4.5\"",
          "pattern": "^(?:0|[1-9]\\d*)(?:0|[1-9]\\d*)$",
          "type": "string"
        }
      }
    }
  },
  "required": [
    "credential"
  ],
  "type": "object"
},
"status": {
  "description": "DiscoveryConfigStatus defines the observed state of DiscoveryConfig",
  "type": "object"
}
},

```

```

    "type": "object"
  }
},
"served": true,
"storage": true,
"subresources": {
  "status": {}
}
}
]
},
"status": {
  "acceptedNames": {
    "kind": "",
    "plural": ""
  },
  "conditions": [],
  "storedVersions": []
}
}

```

### 1.15.2.2. Query all DiscoveryConfigs

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

#### 1.15.2.2.1. Description

Query your discovery config operator for more details.

#### 1.15.2.2.2. 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

#### 1.15.2.2.3. 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

#### 1.15.2.2.4. Consumes

- **operator/yaml**

#### 1.15.2.2.5. Tags

- `discoveryconfigs.discovery.open-cluster-management.io`

### 1.15.2.3. Delete a DiscoveryConfig operator

DELETE /operator.open-cluster-management.io/v1/namespaces/{namespace}/operator/{discoveryconfigs\_name}

#### 1.15.2.3.1. 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 Discovery Config operator that you want to delete.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

#### 1.15.2.3.2. 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

HTTP Code	Description	Schema
503	Service unavailable	No Content

### 1.15.2.3.3. Tags

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

## 1.15.3. Definitions

### 1.15.3.1. DiscoveryConfig

Name	Description	Schema
<b>apiVersion</b> <i>required</i>	The versioned schema of the discoveryconfigs.	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>	Defines the desired state of DiscoveryConfig.	See <i>List of specs</i>

### 1.15.3.2. List of specs

Name	Description	Schema
<b>credential</b> <i>required</i>	Credential is the secret containing credentials to connect to the OCM API on behalf of a user.	string
<b>filters</b> <i>optional</i>	Sets restrictions on what kind of clusters to discover.	See <i>List of filters</i>

### 1.15.3.3. List of filters

Name	Description	Schema
<b>lastActive</b> <i>required</i>	LastActive is the last active in days of clusters to discover, determined by activity timestamp.	integer



Name	Description	Schema
<b>openShiftVersions</b> <i>optional</i>	OpenShiftVersions is the list of release versions of OpenShift of the form "<Major>.<Minor>"	object

## 1.16. DISCOVEREDCLUSTER API

### 1.16.1. Overview

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

#### 1.16.1.1. Version information

*Version* : 2.7.0

#### 1.16.1.2. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.16.1.3. Tags

- discoveredclusters.discovery.open-cluster-management.io : Create and manage DiscoveredClusters

### 1.16.2. Paths

#### 1.16.2.1. Create a DiscoveredCluster

POST /app.k8s.io/v1/namespaces/{namespace}/discoveredclusters

##### 1.16.2.1.1. Description

Create a DiscoveredCluster.

##### 1.16.2.1.2. 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

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	Parameters describing the DiscoveredCluster to be created.	DiscoveredCluster

### 1.16.2.1.3. 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

### 1.16.2.1.4. Consumes

- **discoveredclusters/yaml**

### 1.16.2.1.5. Tags

- discoveredclusters.discovery.open-cluster-management.io

#### 1.16.2.1.5.1. Request body

```
{
  "apiVersion": "apiextensions.k8s.io/v1",
  "kind": "CustomResourceDefinition",
  "metadata": {
    "annotations": {
      "controller-gen.kubebuilder.io/version": "v0.4.1",
    },
    "creationTimestamp": null,
    "name": "discoveredclusters.discovery.open-cluster-management.io",
  },
  "spec": {
    "group": "discovery.open-cluster-management.io",
    "names": {
      "kind": "DiscoveredCluster",
      "listKind": "DiscoveredClusterList",
      "plural": "discoveredclusters",
      "singular": "discoveredcluster"
    },
    "scope": "Namespaced",
```

```

"versions": [
  {
    "name": "v1",
    "schema": {
      "openAPIV3Schema": {
        "description": "DiscoveredCluster is the Schema for the discoveredclusters API",
        "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": "DiscoveredClusterSpec defines the desired state of DiscoveredCluster",
            "properties": {
              "activityTimestamp": {
                "format": "date-time",
                "type": "string"
              },
              "apiUrl": {
                "type": "string"
              },
              "cloudProvider": {
                "type": "string"
              },
              "console": {
                "type": "string"
              },
              "creationTimestamp": {
                "format": "date-time",
                "type": "string"
              },
              "credential": {
                "description": "ObjectReference contains enough information to let you inspect or modify
the referred object. --- New uses of this type are discouraged because of difficulty describing its
usage when embedded in APIs. 1. Ignored fields. It includes many fields which are not generally
honored. For instance, ResourceVersion and FieldPath are both very rarely valid in actual usage. 2.
Invalid usage help. It is impossible to add specific help for individual usage. In most embedded
usages, there are particular restrictions like, \"must refer only to types A and B\" or \"UID not
honored\" or \"name must be restricted\". Those cannot be well described when embedded. 3.
Inconsistent validation. Because the usages are different, the validation rules are different by usage,
which makes it hard for users to predict what will happen. 4. The fields are both imprecise and overly
precise. Kind is not a precise mapping to a URL. This can produce ambiguity during interpretation
and require a REST mapping. In most cases, the dependency is on the group,resource tuple and

```

the version of the actual struct is irrelevant. 5. We cannot easily change it. Because this type is embedded in many locations, updates to this type will affect numerous schemas. Don't make new APIs embed an underspecified API type they do not control. Instead of using this type, create a locally provided and used type that is well-focused on your reference. For example, ServiceReferences for admission registration: <https://github.com/kubernetes/api/blob/release-1.17/admissionregistration/v1/types.go#L533> .",

```

    "properties": {
      "apiVersion": {
        "description": "API version of the referent.",
        "type": "string"
      },
      "fieldPath": {
        "description": "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.",
        "type": "string"
      },
      "kind": {
        "description": "Kind of the referent. More info: https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#types-kinds",
        "type": "string"
      },
      "name": {
        "description": "Name of the referent. More info: https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#names",
        "type": "string"
      },
      "namespace": {
        "description": "Namespace of the referent. More info: https://kubernetes.io/docs/concepts/overview/working-with-objects/namespaces/",
        "type": "string"
      },
      "resourceVersion": {
        "description": "Specific resourceVersion to which this reference is made, if any. More info: https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#concurrency-control-and-consistency",
        "type": "string"
      },
      "uid": {
        "description": "UID of the referent. More info: https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#uids",
        "type": "string"
      }
    },
    "type": "object"
  },
  "displayName": {
    "type": "string"
  },
  "isManagedCluster": {
    "type": "boolean"
  },
}
```

```

    "name": {
      "type": "string"
    },
    "openshiftVersion": {
      "type": "string"
    },
    "status": {
      "type": "string"
    },
    "type": {
      "type": "string"
    }
  },
  "required": [
    "apiUrl",
    "displayName",
    "isManagedCluster",
    "name",
    "type"
  ],
  "type": "object"
},
"status": {
  "description": "DiscoveredClusterStatus defines the observed state of DiscoveredCluster",
  "type": "object"
}
"type": "object"
}
},
"served": true,
"storage": true,
"subresources": {
  "status": {}
}
}
]
},
"status": {
  "acceptedNames": {
    "kind": "",
    "plural": ""
  },
  "conditions": [],
  "storedVersions": []
}
}
}

```

### 1.16.2.2. Query all DiscoveredClusters

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

#### 1.16.2.2.1. Description

Query your discovered clusters operator for more details.

### 1.16.2.2.2. 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

### 1.16.2.2.3. 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

### 1.16.2.2.4. Consumes

- **operator/yaml**

### 1.16.2.2.5. Tags

- discoveredclusters.discovery.open-cluster-management.io

## 1.16.2.3. Delete a DiscoveredCluster operator

```
DELETE /operator.open-cluster-management.io/v1/namespaces/{namespace}/operator/{discoveredclusters_name}
```

### 1.16.2.3.1. 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>application_name</b> <i>required</i>	Name of the Discovered Cluster operator that you want to delete.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

### 1.16.2.3.2. 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

### 1.16.2.3.3. Tags

- discoveredclusters.operator.open-cluster-management.io

## 1.16.3. Definitions

### 1.16.3.1. DiscoveredCluster

Name	Description	Schema
<b>apiVersion</b> <i>required</i>	The versioned schema of the discoveredclusters.	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>	DiscoveredClusterSpec defines the desired state of DiscoveredCluster.	See <i>List of specs</i>

### 1.16.3.2. List of specs

Name	Description	Schema
<b>activityTimestamp</b> <i>optional</i>	Discoveredclusters last available activity timestamp.	metav1.time
<b>apiUrl</b> <i>required</i>	Discoveredclusters API URL endpoint.	string
<b>cloudProvider</b> <i>optional</i>	Cloud provider of discoveredcluster.	string
<b>console</b> <i>optional</i>	Discoveredclusters console URL endpoint.	string
<b>creationTimestamp</b> <i>optional</i>	Discoveredclusters creation timestamp.	metav1.time
<b>credential</b> <i>optional</i>	The reference to the credential from which the cluster was discovered.	corev1.ObjectReference
<b>displayName</b> <i>required</i>	The display name of the discovered cluster.	string
<b>isManagedCluster</b> <i>required</i>	If true, cluster is managed by ACM.	boolean
<b>name</b> <i>required</i>	The name of the discoveredcluster.	string
<b>openshiftVersion</b> <i>optional</i>	The OpenShift version of the discovered cluster.	string
<b>status</b> <i>optional</i>	The status of the discovered cluster.	string
<b>type</b> <i>required</i>	The OpenShift flavor (ex. OCP, ROSA, etc.).	string

## 1.17. MANAGEDCLUSTERSET API (V1BETA1)

### 1.17.1. Overview

This documentation is for the ManagedClusterSet resource for Red Hat Advanced Cluster Management for Kubernetes. The ManagedClusterSet resource has four possible requests: create, query, delete, and update. ManagedClusterSet groups two or more managed clusters into a set that you can operate



together. Managed clusters that belong to a set can have similar attributes, such as shared use purposes or the same deployment region.

### 1.17.1.1. Version information

*Version* : 2.7.0

### 1.17.1.2. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

### 1.17.1.3. Tags

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

## 1.17.2. Paths

### 1.17.2.1. Query all managedclustersets

GET /cluster.open-cluster-management.io/v1beta2/namespaces/{namespace}/managedclustersets

#### 1.17.2.1.1. Description

Query your managedclustersets for more details.

#### 1.17.2.1.2. 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

#### 1.17.2.1.3. 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

HTTP Code	Description	Schema
503	Service unavailable	No Content

#### 1.17.2.1.4. Consumes

- `managedclusterset/yaml`

#### 1.17.2.1.5. Tags

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

### 1.17.2.2. Create a managedclusterset

POST `/cluster.open-cluster-management.io/v1beta2/namespaces/{namespace}/managedclustersets`

#### 1.17.2.2.1. Description

Create a managedclusterset.

#### 1.17.2.2.2. 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, <b>default</b> .	string
Body	<b>body</b> <i>required</i>	Parameters describing the managedclusterset to be created.	<a href="#">Managedclusterset</a>

#### 1.17.2.2.3. 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

#### 1.17.2.2.4. Consumes

- `managedclusterset/yaml`

#### 1.17.2.2.5. Tags

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

#### 1.17.2.2.6. Example HTTP request

##### 1.17.2.2.6.1. Request body

```
{
  "apiVersion" : "cluster.open-cluster-management.io/v1beta2",
  "kind" : "ManagedClusterSet",
  "metadata" : {
    "name" : "example-clusterset",
  },
  "spec": {
  },
  "status" : { }
}
```

#### 1.17.2.3. Query a single managedclusterset

```
GET /cluster.open-cluster-
management.io/v1beta2/namespaces/{namespace}/managedclustersets/{managedclusterset_name}
```

##### 1.17.2.3.1. Description

Query a single managedclusterset for more details.

##### 1.17.2.3.2. 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, <b>default</b> .	string

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

### 1.17.2.3.3. 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

### 1.17.2.3.4. Tags

- cluster.open-cluster-management.io

## 1.17.2.4. Delete a managedclusterset

```
DELETE /cluster.open-cluster-management.io/v1beta2/managedclustersets/{managedclusterset_name}
```

### 1.17.2.4.1. Description

Delete a single managedclusterset.

### 1.17.2.4.2. 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>namespace</b> <i>required</i>	Namespace that you want to use, for example, <b>default</b> .	string
Path	<b>managedclusterset_name</b> <i>required</i>	Name of the managedclusterset that you want to delete.	string

### 1.17.2.4.3. 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

### 1.17.2.4.4. Tags

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

## 1.17.3. Definitions

### 1.17.3.1. ManagedClusterSet

Name	Description	Schema
<b>apiVersion</b> <i>required</i>	Versioned schema of the <b>ManagedClusterSet</b> .	string
<b>kind</b> <i>required</i>	String value that represents the REST resource.	string
<b>metadata</b> <i>required</i>	Metadata of the <b>ManagedClusterSet</b> .	object
<b>spec</b> <i>required</i>	Specification of the <b>ManagedClusterSet</b> .	spec