



# Red Hat Advanced Cluster Management for Kubernetes 2.0

APIs

APIs



# Red Hat Advanced Cluster Management for Kubernetes 2.0 APIs

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APIs

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## 概要

API guide for Red Hat Advanced Cluster Management for Kubernetes

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## 第1章 APIS

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

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

- [Clusters API](#)
- [Channels API](#)
- [Subscriptions API](#)
- [PlacementRules API](#)
- [Applications API](#)
- [Helm API](#)
- [Policy API](#)

### 1.1. CLUSTERS API

#### 1.1.1. Overview

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

##### 1.1.1.1. Version information

**Version :** 2.0.0

##### 1.1.1.2. Contact information

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

##### 1.1.1.3. License information

**License :** Apache 2.0

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

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

##### 1.1.1.4. URI scheme

**BasePath :** /kubernetes/apis

**Schemes :** HTTPS

##### 1.1.1.5. Tags

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

##### 1.1.1.6. External Docs

**Description** : Find out more about Swagger.

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

## 1.1.2. Paths

### 1.1.2.1. Query all clusters

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

#### 1.1.2.1.1. Description

Query your clusters for more details.

#### 1.1.2.1.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE required</b>	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 required</b>	Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token.	string
Body	<b>body required</b>	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 required</b>	Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token.	string
Path	<b>cluster_name required</b>	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
503	Service unavailable	No Content

#### 1.1.2.3.4. Tags

- cluster.open-cluster-management.io

#### 1.1.2.4. Delete a cluster

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

##### 1.1.2.4.1. Description

Delete a single cluster

##### 1.1.2.4.2. Parameters

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

##### 1.1.2.4.3. Responses

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

##### 1.1.2.4.4. Tags

- cluster.open-cluster-management.io

### 1.1.3. Definitions

#### 1.1.3.1. Cluster

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

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

### spec

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

### managedClusterClientConfigs

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

## 1.2. CHANNELS API

### 1.2.1. 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.

#### 1.2.1.1. Version information

Version : 2.0.0

#### 1.2.1.2. Contact information



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

### 1.2.1.3. License information

License : Apache 2.0

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

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

### 1.2.1.4. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

### 1.2.1.5. Tags

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

### 1.2.1.6. External Docs

Description : Find out more about Swagger.

URL : <http://swagger.io>

## 1.2.2. Paths

### 1.2.2.1. Create a channel

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

#### 1.2.2.1.1. Description

Create a channel.

#### 1.2.2.1.2. Parameters

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

#### 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

- **application/yaml**

#### 1.2.2.1.5. Tags

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

#### 1.2.2.1.6. Example HTTP request

##### 1.2.2.1.6.1. Request body

```
{
  "apiVersion" : "apps.open-cluster-management.io/v1",
  "kind" : "Channel",
  "name" : "sample-channel",
  "namespace" : "default",
  "spec" : {
    "type" : "Git",
    "pathname" : "https://github.com/IBM/charts.git",
    "configMapRef" : {
      "name" : "bookinfo-resource-filter-configmap",
      "kind" : "configmap"
    }
  }
}
```

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

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

##### 1.2.2.2.1. Description

Query your channels for more details.

##### 1.2.2.2.2. Parameters

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

#### 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

- **application/yaml**

#### 1.2.2.2.5. Tags

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

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

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

#### 1.2.2.3.1. Description

Query a single channels for more details.

#### 1.2.2.3.2. Parameters

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

Type	Name	Description	Schema
Path	<b>channel_name</b> required	Name of the deployable that you want to query.	string
Path	<b>namespace</b> required	Namespace that you want to use, for example, default.	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

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

### 1.2.2.4. Delete a Channel

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

#### 1.2.2.4.1. Parameters

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

Type	Name	Description	Schema
Path	namespace required	Namespace that you want to use, for example, default.	string

#### 1.2.2.4.2. 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

#### 1.2.2.4.3. Tags

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

### 1.2.3. Definitions

#### 1.2.3.1. Channel

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

[spec](#)

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

## configMapRef

Name	Description	Schema
<b>apiVersion</b> optional	API version of the referent.	string
<b>fieldPath</b> optional	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> optional	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> optional	Name of the referent. More info: <a href="https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#names">https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#names</a>	string

Name	Description	Schema
<b>namespace optional</b>	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 optional</b>	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 optional</b>	UID of the referent. More info: <a href="https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#uids">https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#uids</a>	string

## gates

Name	Description	Schema
<b>annotations optional</b>	typical annotations of k8s	<a href="#">annotations</a>
<b>labelSelector optional</b>	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 optional</b>		string

## annotations

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

## labelSelector

Name	Description	Schema
<b>matchExpressions optional</b>	matchExpressions is a list of label selector requirements. The requirements are ANDed.	< <a href="#">matchExpressions</a> > array

Name	Description	Schema
<b>matchLabels</b> optional	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> required	key is the label key that the selector applies to.	string
<b>operator</b> required	operator represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists and DoesNotExist.	string
<b>values</b> optional	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> optional	API version of the referent.	string
<b>fieldPath</b> optional	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> optional	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> optional	Name of the referent. More info: <a href="https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#names">https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#names</a>	string



Name	Description	Schema
<b>namespace optional</b>	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 optional</b>	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 optional</b>	UID of the referent. More info: <a href="https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#uids">https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#uids</a>	string

## 1.3. SUBSCRIPTIONS API

### 1.3.1. 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.

#### 1.3.1.1. Version information

**Version :** 2.0.0

#### 1.3.1.2. Contact information

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

#### 1.3.1.3. License information

**License :** Apache 2.0

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

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

#### 1.3.1.4. URI scheme

**BasePath :** /kubernetes/apis

**Schemes :** HTTPS

#### 1.3.1.5. Tags

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

#### 1.3.1.6. External Docs

**Description :** Find out more about Swagger.

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

### 1.3.2. Paths

### 1.3.2.1. Create a subscription

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

#### 1.3.2.1.1. Description

Create a subscription.

#### 1.3.2.1.2. Parameters

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

#### 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

- **subscription/yaml**

#### 1.3.2.1.5. Tags

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

#### 1.3.2.1.6. Example HTTP request

##### 1.3.2.1.6.1. 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"
    }
  }
}

```

### 1.3.2.2. Query all subscriptions

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

#### 1.3.2.2.1. Description

Query your subscriptions for more details.

## 1.3.2.2.2. Parameters

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

## 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

- **subscription/yaml**

## 1.3.2.2.5. Tags

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

## 1.3.2.3. Query a single subscription

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

## 1.3.2.3.1. Description

Query a single subscription for more details.

## 1.3.2.3.2. Parameters

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

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

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

### 1.3.2.4. Delete a subscription

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

#### 1.3.2.4.1. Parameters

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

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

#### 1.3.2.4.2. 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

#### 1.3.2.4.3. Tags

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

### 1.3.3. Definitions

#### 1.3.3.1. Subscription

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

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

## metadata

Name	Schema
annotations optional	object
labels optional	object
name optional	string
namespace optional	string

## spec

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

## overrides

Name	Schema
clusterName required	string
clusterOverrides required	< object > array

## packageFilter

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

## filterRef

Name	Schema
name optional	string

## labelSelector

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

## matchExpressions



Name	Schema
key required	string
operator required	string
values optional	< string > array

### packageOverrides

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

### placement

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

### clusterSelector

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

## matchExpressions

Name	Schema
key required	string
operator required	string
values optional	< string > array

## clusters

Name	Schema
name required	string

## placementRef

Name	Schema
apiVersion optional	string
fieldPath optional	string
kind optional	string
name optional	string
namespace optional	string

Name	Schema
resourceVersion optional	string
uid optional	string

## timewindow

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

## hours

Name	Schema
end optional	string
start optional	string

## status

Name	Schema
lastUpdateTime optional	string (date-time)
message optional	string
phase optional	string

Name	Schema
reason optional	string
statuses optional	object

## 1.4. PLACEMENTRULES API

### 1.4.1. 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.

#### 1.4.1.1. Version information

**Version :** 2.0.0

#### 1.4.1.2. Contact information

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

#### 1.4.1.3. License information

**License :** Apache 2.0

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

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

#### 1.4.1.4. URI scheme

**BasePath :** /kubernetes/apis

**Schemes :** HTTPS

#### 1.4.1.5. Tags

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

#### 1.4.1.6. External Docs

**Description :** Find out more about Swagger.

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

### 1.4.2. Paths

#### 1.4.2.1. Create a placementrule

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

#### 1.4.2.1.1. Description

Create a placementrule.

#### 1.4.2.1.2. Parameters

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

#### 1.4.2.1.3. Responses

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

#### 1.4.2.1.4. Consumes

- **application/yaml**

#### 1.4.2.1.5. Tags

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

#### 1.4.2.1.6. Example HTTP request

##### 1.4.2.1.6.1. Request body

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

```

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

```

#### 1.4.2.2. Query all placementrules

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

##### 1.4.2.2.1. Description

Query your placementrules for more details.

##### 1.4.2.2.2. Parameters

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

##### 1.4.2.2.3. Responses

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

##### 1.4.2.2.4. Consumes

- **application/yaml**

#### 1.4.2.2.5. Tags

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

#### 1.4.2.3. Query a single placementrule

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

##### 1.4.2.3.1. Description

Query a single placementrule for more details.

##### 1.4.2.3.2. Parameters

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

##### 1.4.2.3.3. Responses

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

#### 1.4.2.3.4. Tags

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

#### 1.4.2.4. Delete a placementrule

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

#### 1.4.2.4.1. Parameters

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

#### 1.4.2.4.2. Responses

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

#### 1.4.2.4.3. Tags

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

### 1.4.3. Definitions

#### 1.4.3.1. Placementrule

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



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

## spec

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

## clusterConditions

Name	Schema
status optional	string
type optional	string

## clusterSelector

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

## matchExpressions

Name	Schema
key optional	string
operator optional	string
values optional	< string > array

## clusters

Name	Schema
name optional	string

## policies

Name	Schema
apiVersion optional	string
fieldPath optional	string
kind optional	string
name optional	string
namespace optional	string

Name	Schema
resourceVersion optional	string
uid optional	string

#### resourceHint

Name	Schema
order optional	string
type optional	string

## 1.5. APPLICATIONS API

### 1.5.1. 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.

#### 1.5.1.1. Version information

Version : 2.0.0

#### 1.5.1.2. Contact information

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

#### 1.5.1.3. License information

License : Apache 2.0

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

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

#### 1.5.1.4. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

#### 1.5.1.5. Tags

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

#### 1.5.1.6. External Docs

**Description** : Find out more about Swagger.

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

## 1.5.2. Paths

### 1.5.2.1. Create a application

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

#### 1.5.2.1.1. Description

Create a application.

#### 1.5.2.1.2. Parameters

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

- applications.app.k8s.io

### 1.5.2.1.6. Example HTTP request

#### 1.5.2.1.6.1. 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" : { }
}
```

### 1.5.2.2. Query all applications

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

#### 1.5.2.2.1. Description

Query your applications for more details.

#### 1.5.2.2.2. Parameters

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

#### 1.5.2.2.3. Responses

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

#### 1.5.2.2.4. Consumes

- **application/yaml**

#### 1.5.2.2.5. Tags

- applications.app.k8s.io

### 1.5.2.3. Query a single application

GET /app.k8s.io/v1beta1/namespaces/{namespace}/applications/{application\_name}

#### 1.5.2.3.1. Description

Query a single application for more details.

#### 1.5.2.3.2. Parameters

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

#### 1.5.2.3.3. Responses

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

#### 1.5.2.3.4. Tags

- applications.app.k8s.io

#### 1.5.2.4. Delete a application

**DELETE** /app.k8s.io/v1beta1/namespaces/{namespace}/applications/{application\_name}

##### 1.5.2.4.1. Parameters

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

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

#### 1.5.2.4.3. Tags

- `applications.app.k8s.io`

### 1.5.3. Definitions

#### 1.5.3.1. Application

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

#### `spec`

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



## descriptor

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

## icons

Name	Schema
size optional	string
src required	string
type optional	string

## links

Name	Schema
description optional	string
url optional	string

#### maintainers

Name	Schema
email optional	string
name optional	string
url optional	string

#### owners

Name	Schema
email optional	string
name optional	string
url optional	string

#### info

Name	Schema
name optional	string
type optional	string
value optional	string

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

## valueFrom

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

## configMapKeyRef

Name	Schema
apiVersion optional	string
fieldPath optional	string
key optional	string
kind optional	string
name optional	string
namespace optional	string

Name	Schema
resourceVersion optional	string
uid optional	string

### ingressRef

Name	Schema
apiVersion optional	string
fieldPath optional	string
host optional	string
kind optional	string
name optional	string
namespace optional	string
path optional	string
resourceVersion optional	string
uid optional	string

### secretKeyRef

Name	Schema
apiVersion optional	string

Name	Schema
fieldPath optional	string
key optional	string
kind optional	string
name optional	string
namespace optional	string
resourceVersion optional	string
uid optional	string

## serviceRef

Name	Schema
apiVersion optional	string
fieldPath optional	string
kind optional	string
name optional	string
namespace optional	string
path optional	string
port optional	integer (int32)

Name	Schema
resourceVersion optional	string
uid optional	string

## 1.6. HELM API

### 1.6.1. 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.

#### 1.6.1.1. Version information

**Version :** 2.0.0

#### 1.6.1.2. Contact information

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

#### 1.6.1.3. License information

**License :** Apache 2.0

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

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

#### 1.6.1.4. URI scheme

**BasePath :** /kubernetes/apis

**Schemes :** HTTPS

#### 1.6.1.5. Tags

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

#### 1.6.1.6. External Docs

**Description :** Find out more about Swagger.

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

## 1.6.2. Paths

### 1.6.2.1. Create a helmrelease

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

### 1.6.2.1.1. Description

Create a helmrelease.

### 1.6.2.1.2. Parameters

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

### 1.6.2.1.3. Responses

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

### 1.6.2.1.4. Consumes

- **application/yaml**

### 1.6.2.1.5. Tags

- helmreleases.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" : "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
    }
  }
}

```

### 1.6.2.2. Query all helmreleases

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

#### 1.6.2.2.1. Description

Query your helmreleases for more details.

#### 1.6.2.2.2. Parameters

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



HTTP Code	Description	Schema
503	Service unavailable	No Content

#### 1.6.2.2.4. Consumes

- **application/yaml**

#### 1.6.2.2.5. Tags

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

### 1.6.2.3. Query a single helmrelease

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

#### 1.6.2.3.1. Description

Query a single helmrelease for more details.

#### 1.6.2.3.2. Parameters

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

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

#### 1.6.2.3.4. Tags

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

#### 1.6.2.4. Delete a helmrelease

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

##### 1.6.2.4.1. Parameters

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

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

### 1.6.3. Definitions

#### 1.6.3.1. HelmRelease

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

#### repo

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

#### configMapRef

Name	Schema
apiVersion optional	string
fieldPath optional	string
kind optional	string
name optional	string
namespace optional	string
resourceVersion optional	string
uid optional	string

**secretRef**

Name	Schema
apiVersion optional	string
fieldPath optional	string
kind optional	string
name optional	string
namespace optional	string
resourceVersion optional	string
uid optional	string

## source

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

## github

Name	Schema
branch optional	string
chartPath optional	string
urls optional	< string > array

## helmRepo

Name	Schema
urls optional	< string > array

## status

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

## conditions

Name	Schema
lastTransitionTime optional	string (date-time)
message optional	string
reason optional	string
status required	string
type required	string

**deployedRelease**

Name	Schema
manifest optional	string
name optional	string

## 1.7. POLICY API

### 1.7.1. 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.

#### 1.7.1.1. Version information

**Version :** 2.0.0

#### 1.7.1.2. Contact information

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

#### 1.7.1.3. License information

**License :** Apache 2.0

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

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

#### 1.7.1.4. URI scheme

**BasePath** : /kubernetes/apis

**Schemes** : HTTPS

#### 1.7.1.5. Tags

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

#### 1.7.1.6. External Docs

**Description** : Find out more about Swagger.

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

### 1.7.2. Paths

#### 1.7.2.1. Create a policy

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

##### 1.7.2.1.1. Description

Create a policy.

##### 1.7.2.1.2. Parameters

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

##### 1.7.2.1.3. Responses

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

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

#### 1.7.2.1.4. Consumes

- **application/json**

#### 1.7.2.1.5. Tags

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

#### 1.7.2.1.6. Example HTTP request

##### 1.7.2.1.6.1. Request body

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



```

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

```

### 1.7.2.2. Query all policies

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

#### 1.7.2.2.1. Description

Query your policies for more details.

#### 1.7.2.2.2. Parameters

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

#### 1.7.2.2.5. Tags

- policy.open-cluster-management.io

### 1.7.2.3. Query a single policy

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

#### 1.7.2.3.1. Description

Query a single policy for more details.

#### 1.7.2.3.2. Parameters

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

#### 1.7.2.3.3. Responses

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

#### 1.7.2.3.4. Tags

- policy.open-cluster-management.io

#### 1.7.2.4. Delete a policy

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

##### 1.7.2.4.1. Parameters

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

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

#### 1.7.2.4.2. Responses

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

#### 1.7.2.4.3. Tags

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

### 1.7.3. Definitions

#### 1.7.3.1. Policy

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

`spec`

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

## policy-templates

Name	Description	Schema
<b>apiVersion</b> required	The versioned schema of Policy.	string
<b>kind</b> optional	String value that represents the REST resource.	string
<b>complianceType</b> required	The compliance standard.	string
<b>metadata</b> required	Describes rules that define the policy.	object
<b>clusterConditions</b> optional	Section to define labels.	string
<b>rules</b> optional		string

## selector

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

## rules

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