



Red Hat Advanced Cluster Management for Kubernetes 2.4

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 \(v1beta1\)](#)
- [ClusterSetBindings API \(v1beta1\)](#)
- [Channels API](#)
- [Subscriptions API](#)
- [PlacementRules API](#)
- [Applications API](#)
- [Helm API](#)
- [Policy API](#)
- [Observability API](#)
- [Search customization API](#)
- [MultiClusterHub API](#)
- [Placements API \(v1alpha1\)](#)
- [PlacementDecisions API \(v1alpha1\)](#)
- [DiscoveryConfig API](#)
- [DiscoveredCluster 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 : 2.4.0

1.1.1.2. Contact information

Contact Email : 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 | COOKIE <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 |

| HTTP Code | Description | Schema |
|-----------|------------------------|------------|
| 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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Body | body <i>required</i> | Parameters describing the cluster to be created. | Cluster |

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 |

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

1.1.2.4.3. Responses

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

1.1.2.4.4. Tags

- cluster.open-cluster-management.io

1.1.3. Definitions

1.1.3.1. Cluster

| Name | Schema |
|--------------------------------------|----------------------|
| apiVersion <i>required</i> | string |
| kind <i>required</i> | string |
| metadata <i>required</i> | object |
| spec <i>required</i> | spec |

spec

| Name | Schema |
|---|---|
| hubAcceptsClient <i>required</i> | bool |
| managedClusterClientConfigs <i>optional</i> | managedClusterClientConfigs array |

| Name | Schema |
|---|-----------------|
| leaseDurationSeconds <i>optional</i> | integer (int32) |

managedClusterClientConfigs

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

1.2. CLUSTERSETS API (V1BETA1)

1.2.1. Overview

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

1.2.1.1. Version information

Version : 2.4.0

1.2.1.2. Contact information

Contact Email : apiteam@swagger.io

1.2.1.3. License information

License : Apache 2.0

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

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

1.2.1.4. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.2.1.5. Tags

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

1.2.1.6. External Docs

Description : Find out more about Swagger.

URL : <http://swagger.io>

1.2.2. Paths

1.2.2.1. Query all clustersets

GET /cluster.open-cluster-management.io/v1beta1/managedclustersets

1.2.2.1.1. Description

Query your Clustersets for more details.

1.2.2.1.2. Parameters

| Type | Name | Description | Schema |
|--------|----------------------------------|--|--------|
| Header | COOKIE <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/v1beta1/managedclustersets

1.2.2.2.1. Description

Create a Clusterset.

1.2.2.2.2. Parameters

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

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/v1beta1",
  "kind" : "ManagedClusterSet",
  "metadata" : {
    "name" : "clusterset1"
  },
  "spec" : {},
  "status" : {}
}
```

1.2.2.3. Query a single clusterset

■

GET /cluster.open-cluster-management.io/v1beta1/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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | clusterset_name <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/v1beta1/managedclustersets/{clusterset_name}

1.2.2.4.1. Description

Delete a single clusterset.

1.2.2.4.2. Parameters

| Type | Name | Description | Schema |
|--------|---|---|--------|
| Header | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | clusterset_name <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 |
|--------------------------------------|--------|
| apiVersion <i>required</i> | string |
| kind <i>required</i> | string |
| metadata <i>required</i> | object |

1.3. CLUSTERSETBINDINGS API (V1BETA1)

1.3.1. Overview

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

1.3.1.1. Version information

Version : 2.4.0

1.3.1.2. Contact information

Contact Email : apiteam@swagger.io

1.3.1.3. License information

License : Apache 2.0

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

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

1.3.1.4. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.3.1.5. Tags

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

1.3.1.6. External Docs

Description : Find out more about Swagger.

URL : <http://swagger.io>

1.3.2. Paths

1.3.2.1. Query all clustersetbindings

GET /cluster.open-cluster-management.io/v1beta1/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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |

| Type | Name | Description | Schema |
|------|-------------------------------------|---|--------|
| Path | namespace <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/v1beta1/namespaces/{namespace}/managedclustersetbindings

1.3.2.2.1. Description

Create a clustersetbinding.

1.3.2.2.2. Parameters

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

| Type | Name | Description | Schema |
|------|--------------------------------|--|-----------------------------------|
| Body | body <i>required</i> | Parameters describing the clustersetbinding to be created. | Clustersetbinding |

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/v1beta1",
  "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/v1beta1/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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | namespace <i>required</i> | Namespace that you want to use, for example, default. | string |
| Path | clustersetbinding_name <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/v1beta1/managedclustersetbindings/{clustersetbinding_name}

1.3.2.4.1. Description

Delete a single clustersetbinding.

1.3.2.4.2. Parameters

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

1.3.2.4.3. Responses

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

1.3.2.4.4. Tags

- cluster.open-cluster-management.io

1.3.3. Definitions

1.3.3.1. Clustersetbinding

| Name | Schema |
|--------------------------------------|--------|
| apiVersion <i>required</i> | string |
| kind <i>required</i> | string |

| Name | Schema |
|------------------------------------|--------|
| metadata <i>required</i> | object |
| spec <i>required</i> | spec |

spec

| Name | Schema |
|--------------------------------------|--------|
| clusterSet <i>required</i> | 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 : 2.4.0

1.4.1.2. Contact information

Contact Email : 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

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

1.4.1.6. External Docs

Description : Find out more about Swagger.

URL : <http://swagger.io>

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 | COOKIE <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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token. | string |
| Body | body <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 |
|--------|--|---|--------|
| Header | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | clusterview_name <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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | clusterview_name <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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | clusterview_name <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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | clusterview_name <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 : 2.4.0

1.5.1.2. Contact information

Contact Email : 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

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

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 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 |
|------|------|-------------|--------|
|------|------|-------------|--------|

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

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

1.5.2.2.3. Responses

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

1.5.2.2.4. Consumes

- **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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | channel_name <i>required</i> | Name of the deployable that you want to query. | string |
| Path | namespace <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 |
| 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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | channel_name <i>required</i> | Name of the Channel that you want to delete. | string |
| Path | namespace <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 |
|--------------------------------------|--------|
| apiVersion <i>required</i> | string |
| kind <i>required</i> | string |
| metadata <i>required</i> | object |

| Name | Schema |
|--------------------------------|----------------------|
| spec <i>required</i> | spec |

spec

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

configMapRef

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

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

gates

| Name | Description | Schema |
|---|---|-------------------------------|
| annotations <i>optional</i> | typical annotations of k8s | annotations |
| labelSelector <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. | labelSelector |
| name <i>optional</i> | | string |

annotations

| Name | Schema |
|---------------------------------|--------|
| key <i>optional</i> | string |
| value <i>optional</i> | string |

labelSelector

| Name | Description | Schema |
|--|---|---|
| matchExpressions <i>optional</i> | matchExpressions is a list of label selector requirements. The requirements are ANDed. | matchExpressions array |
| matchLabels <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 |
|------------------------------------|--|--------------|
| key <i>required</i> | key is the label key that the selector applies to. | string |
| operator <i>required</i> | operator represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists and DoesNotExist. | string |
| values <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 |
|--------------------------------------|--|--------|
| apiVersion <i>optional</i> | API version of the referent. | string |
| fieldPath <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 |
| kind <i>optional</i> | Kind of the referent. More info: https://git.k8s.io/community/contributors/devel/api-conventions.md#types-kinds | string |

| Name | Description | Schema |
|---|--|--------|
| name <i>optional</i> | Name of the referent. More info: Names | string |
| namespace <i>optional</i> | Namespace of the referent. More info: https://kubernetes.io/docs/concepts/overview/working-with-objects/namespaces/ | string |
| resourceVersion <i>optional</i> | Specific resourceVersion to which this reference is made, if any. More info: https://git.k8s.io/community/contributors/devel/api-conventions.md#concurrency-control-and-consistency | string |
| uid <i>optional</i> | UID of the referent. More info: UIIDs | 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 : 2.4.0

1.6.1.2. Contact information

Contact Email : 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

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

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 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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token. | string |
| Path | namespace <i>required</i> | Namespace that you want to use, for example, default. | string |
| Body | body <i>required</i> | Parameters describing the subscription to be created. | Subscription |

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

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

1.6.2.3.3. Responses

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

1.6.2.3.4. Tags

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

| Type | Name | Description | Schema |
|------|---|---|--------|
| Path | subscription_name <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 |
|--------------------------------------|--------------------------|
| apiVersion <i>required</i> | string |
| kind <i>required</i> | string |
| metadata <i>required</i> | metadata |
| spec <i>required</i> | spec |

| Name | Schema |
|----------------------------------|------------------------|
| status <i>optional</i> | status |

metadata

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

spec

| Name | Schema |
|--|--|
| channel <i>required</i> | string |
| name <i>optional</i> | string |
| overrides <i>optional</i> | overrides array |
| packageFilter <i>optional</i> | packageFilter |
| packageOverrides <i>optional</i> | packageOverrides array |
| placement <i>optional</i> | placement |
| timewindow <i>optional</i> | timewindow |

overrides

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

packageFilter

| Name | Description | Schema |
|---|---|-------------------------------|
| annotations <i>optional</i> | | string, string map |
| filterRef <i>optional</i> | | filterRef |
| labelSelector <i>optional</i> | | labelSelector |
| version <i>optional</i> | Pattern : <code>"((\.[0-9])(\.) (\.[0-9])?(\.[xX]))\$"</code> | string |

filterRef

| Name | Schema |
|--------------------------------|--------|
| name <i>optional</i> | string |

labelSelector

| Name | Schema |
|--|--|
| matchExpressions <i>optional</i> | matchExpressions array |
| matchLabels <i>optional</i> | string, string map |

matchExpressions

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

packageOverrides

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

placement

| Name | Schema |
|---|---------------------------------|
| clusterSelector <i>optional</i> | clusterSelector |
| clusters <i>optional</i> | clusters array |
| local <i>optional</i> | boolean |
| placementRef <i>optional</i> | placementRef |

clusterSelector

| Name | Schema |
|--|--|
| matchExpressions <i>optional</i> | matchExpressions array |
| matchLabels <i>optional</i> | string, string map |

matchExpressions

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

clusters

| Name | Schema |
|--------------------------------|--------|
| name <i>required</i> | string |

placementRef

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

| Name | Schema |
|---|--------|
| resourceVersion <i>optional</i> | string |
| uid <i>optional</i> | string |

timewindow

| Name | Schema |
|--------------------------------------|---|
| daysofweek <i>optional</i> | string array |
| hours <i>optional</i> | hours array |
| location <i>optional</i> | string |
| windowType <i>optional</i> | enum (active, blocked, Active, Blocked) |

hours

| Name | Schema |
|---------------------------------|--------|
| end <i>optional</i> | string |
| start <i>optional</i> | string |

status

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

| Name | Schema |
|------------------------------------|--------|
| reason <i>optional</i> | string |
| statuses <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 : 2.4.0

1.7.1.2. Contact information

Contact Email : 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

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

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 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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | namespace <i>required</i> | Namespace that you want to use, for example, default. | string |
| Body | body <i>required</i> | Parameters describing the placement rule to be created. | PlacementRule |

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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | namespace <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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | namespace <i>required</i> | Namespace that you want to use, for example, default. | string |
| Path | placementrule_name <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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | namespace <i>required</i> | Namespace that you want to use, for example, default. | string |
| Path | placementrule_name <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 |
|--------------------------------------|--------|
| apiVersion <i>required</i> | string |

| Name | Schema |
|------------------------------------|----------------------|
| kind <i>required</i> | string |
| metadata <i>required</i> | object |
| spec <i>required</i> | spec |

spec

| Name | Schema |
|---|---|
| clusterConditions <i>optional</i> | clusterConditions array |
| clusterReplicas <i>optional</i> | integer |
| clusterSelector <i>optional</i> | clusterSelector |
| clusters <i>optional</i> | clusters array |
| policies <i>optional</i> | policies array |
| resourceHint <i>optional</i> | resourceHint |
| schedulerName <i>optional</i> | string |

clusterConditions

| Name | Schema |
|----------------------------------|--------|
| status <i>optional</i> | string |
| type <i>optional</i> | string |

clusterSelector

| Name | Schema |
|--|--|
| matchExpressions <i>optional</i> | matchExpressions array |
| matchLabels <i>optional</i> | string, string map |

matchExpressions

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

clusters

| Name | Schema |
|--------------------------------|--------|
| name <i>optional</i> | string |

policies

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

| Name | Schema |
|---|--------|
| resourceVersion <i>optional</i> | string |
| uid <i>optional</i> | string |

resourceHint

| Name | Schema |
|---------------------------------|--------|
| order <i>optional</i> | string |
| type <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 : 2.4.0

1.8.1.2. Contact information

Contact Email : apiteam@swagger.io

1.8.1.3. License information

License : Apache 2.0

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

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

1.8.1.4. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.8.1.5. Tags

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

1.8.1.6. External Docs

Description : Find out more about Swagger.

URL : <http://swagger.io>

1.8.2. Paths

1.8.2.1. Create a 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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | namespace <i>required</i> | Namespace that you want to use, for example, default. | string |
| Body | body <i>required</i> | Parameters describing the application to be created. | Application |

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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | namespace <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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | application_name <i>required</i> | Name of the application that you wan to query. | string |
| Path | namespace <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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | application_name <i>required</i> | Name of the application that you want to delete. | string |
| Path | namespace <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 |

| HTTP Code | Description | Schema |
|-----------|------------------------|------------|
| 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 |
|--------------------------------------|----------------------|
| apiVersion <i>required</i> | string |
| kind <i>required</i> | string |
| metadata <i>required</i> | object |
| spec <i>required</i> | spec |

spec

| Name | Schema |
|--|----------------------------|
| assemblyPhase <i>optional</i> | string |
| componentKinds <i>optional</i> | object array |
| descriptor <i>optional</i> | descriptor |
| info <i>optional</i> | info array |
| selector <i>optional</i> | object |

descriptor

| Name | Schema |
|---------------------------------------|-----------------------------------|
| description <i>optional</i> | string |
| icons <i>optional</i> | icons array |
| keywords <i>optional</i> | string array |
| links <i>optional</i> | links array |
| maintainers <i>optional</i> | maintainers array |
| notes <i>optional</i> | string |
| owners <i>optional</i> | owners array |
| type <i>optional</i> | string |
| version <i>optional</i> | string |

icons

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

links

| Name | Schema |
|---------------------------------------|--------|
| description <i>optional</i> | string |
| url <i>optional</i> | string |

maintainers

| Name | Schema |
|---------------------------------|--------|
| email <i>optional</i> | string |
| name <i>optional</i> | string |
| url <i>optional</i> | string |

owners

| Name | Schema |
|---------------------------------|--------|
| email <i>optional</i> | string |
| name <i>optional</i> | string |
| url <i>optional</i> | string |

info

| Name | Schema |
|---------------------------------|--------|
| name <i>optional</i> | string |
| type <i>optional</i> | string |
| value <i>optional</i> | string |

| Name | Schema |
|-------------------------------------|---------------------------|
| valueFrom <i>optional</i> | valueFrom |

valueFrom

| Name | Schema |
|---|---------------------------------|
| configMapKeyRef <i>optional</i> | configMapKeyRef |
| ingressRef <i>optional</i> | ingressRef |
| secretKeyRef <i>optional</i> | secretKeyRef |
| serviceRef <i>optional</i> | serviceRef |
| type <i>optional</i> | string |

configMapKeyRef

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

| Name | Schema |
|---|--------|
| resourceVersion <i>optional</i> | string |
| uid <i>optional</i> | string |

ingressRef

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

secretKeyRef

| Name | Schema |
|--------------------------------------|--------|
| apiVersion <i>optional</i> | string |

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

serviceRef

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

| Name | Schema |
|---|--------|
| resourceVersion <i>optional</i> | string |
| uid <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 : 2.4.0

1.9.1.2. Contact information

Contact Email : apiteam@swagger.io

1.9.1.3. License information

License : Apache 2.0

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

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

1.9.1.4. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.9.1.5. Tags

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

1.9.1.6. External Docs

Description : Find out more about Swagger.

URL : <http://swagger.io>

1.9.2. Paths

1.9.2.1. Create a 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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | namespace <i>required</i> | Namespace that you want to use, for example, default. | string |
| Body | body <i>required</i> | Parameters describing the helmrelease to be created. | HelmRelease |

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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | namespace <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 |

| HTTP Code | Description | Schema |
|-----------|---------------------|------------|
| 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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | helmrelease_name <i>required</i> | Name of the helmrelease that you wan to query. | string |
| Path | namespace <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 |

| HTTP Code | Description | Schema |
|-----------|------------------------|------------|
| 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 | COOKIE <i>required</i> | Authorization: Bearer <code>{ACCESS_TOKEN}</code> ; <code>ACCESS_TOKEN</code> is the user access token. | string |
| Path | helmrelease_name <i>required</i> | Name of the helmrelease that you want to delete. | string |
| Path | namespace <i>required</i> | Namespace that you want to use, for example, <code>default</code> . | 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 |
|--------------------------------------|------------------------|
| apiVersion <i>required</i> | string |
| kind <i>required</i> | string |
| metadata <i>required</i> | object |
| repo <i>required</i> | repo |
| spec <i>required</i> | object |
| status <i>required</i> | status |

repo

| Name | Schema |
|--|------------------------------|
| chartName <i>optional</i> | string |
| configMapRef <i>optional</i> | configMapRef |
| secretRef <i>optional</i> | secretRef |
| source <i>optional</i> | source |
| version <i>optional</i> | string |

configMapRef

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

secretRef

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

source

| Name | Schema |
|------------------------------------|--------------------------|
| github <i>optional</i> | github |
| helmRepo <i>optional</i> | helmRepo |
| type <i>optional</i> | string |

github

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

helmRepo

| Name | Schema |
|--------------------------------|--------------|
| urls <i>optional</i> | string array |

status

| Name | Schema |
|---|----------------------------------|
| conditions <i>required</i> | conditions array |
| deployedRelease <i>optional</i> | deployedRelease |

conditions

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

deployedRelease

| Name | Schema |
|------------------------------------|--------|
| manifest <i>optional</i> | string |
| name <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 : 2.4.0

1.10.1.2. Contact information

Contact Email : apiteam@swagger.io

1.10.1.3. License information

License : Apache 2.0

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

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

1.10.1.4. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.10.1.5. Tags

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

1.10.1.6. External Docs

Description : Find out more about Swagger.

URL : <http://swagger.io>

1.10.2. Paths

1.10.2.1. Create a 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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | namespace <i>required</i> | Namespace that you want to use, for example, default. | string |
| Body | body <i>required</i> | Parameters describing the policy to be created. | Application |

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 |

| HTTP Code | Description | Schema |
|-----------|------------------------|------------|
| 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",
      "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"
    ]
  },
],
},
],
},
},
},
```

1.10.2.2. Query all policies

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

1.10.2.2.1. Description

Query your policies for more details.

1.10.2.2.2. Parameters

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

1.10.2.2.3. Responses

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

1.10.2.2.4. Consumes

- **application/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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | policy_name <i>required</i> | Name of the policy that you want to query. | string |
| Path | namespace <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 |
| 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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | policy_name <i>required</i> | Name of the policy that you want to delete. | string |

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

spec

| Name | Description | Schema |
|---|--|--------|
| remediationAction <i>optional</i> | Value that represents how violations are handled as defined in the resource. | string |

| Name | Description | Schema |
|---|---|--------|
| namespaceSelector <i>required</i> | Value that represents which namespaces the policy is applied. | string |

policy-templates

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

clusterConditions

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

rules

| Name | Description | Schema |
|-------------------------------------|--|--------|
| apiGroups <i>required</i> | List of APIs that the rule applies to. | string |
| resources <i>required</i> | A list of resource types. | object |
| verbs <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 : 2.4.0

1.11.1.2. Contact information

Contact Email : apiteam@swagger.io

1.11.1.3. License information

License : Apache 2.0

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

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

1.11.1.4. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.11.1.5. Tags

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

1.11.1.6. External Docs

Description : Find out more about Swagger.

URL : <http://swagger.io>

1.11.2. Paths

1.11.2.1. Create a 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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Body | body <i>required</i> | Parameters describing the MultiClusterObservability resource to be created. | MultiClusterObservability |

1.11.2.1.3. Responses

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

1.11.2.1.4. Consumes

- **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"
        }
      }
    }
  }
}

```

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 | COOKIE <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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | multiclusterobservability_name <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 | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | multiclusterobservability_name <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 |
|--------------------------------------|--|--------|
| apiVersion <i>required</i> | The versioned schema of the MultiClusterObservability. | string |
| kind <i>required</i> | String value that represents the REST resource, MultiClusterObservability. | string |
| metadata <i>required</i> | Describes rules that define the policy. | object |

spec

| Name | Description | Schema |
|--|--|--|
| enableDownsampling <i>optional</i> | Enable or disable the downsample. Default value is true . If there is no downsample data, the query is unavailable. | boolean |
| imagePullPolicy <i>optional</i> | Pull policy for the MultiClusterObservability images. The default value is Always . | corev1.PullPolicy |
| imagePullSecret <i>optional</i> | Pull secret for the MultiClusterObservability images. The default value is multiclusterhub-operator-pull-secret | string |
| nodeSelector <i>optional</i> | Specification of the node selector. | map[string]string |
| observabilityAddonSpec <i>required</i> | The global settings for all managed clusters, which have the observability add-on installed. | observabilityAddonSpec |
| storageConfig <i>required</i> | Specifies the storage configuration to be used by observability. | StorageConfig |
| tolerations <i>optional</i> | Provided the ability for all components to tolerate any taints. | []corev1.Toleration |
| advanced <i>optional</i> | The advanced configuration settings for observability. | advanced |
| resources <i>optional</i> | Compute resources required by MultiClusterObservability. | corev1.ResourceRequirements |
| replicas <i>optional</i> | Replicas for MultiClusterObservability. | integer |

storageConfig

| Name | Description | Schema |
|---|--|--------|
| alertmanagerStorageSize <i>optional</i> | The amount of storage applied to the alertmanager stateful sets. Default value is 1Gi . | string |
| compactStorageSize <i>optional</i> | The amount of storage applied to the thanos compact stateful sets. Default value is 100Gi . | string |

| Name | Description | Schema |
|---|---|-------------------------------------|
| metricObjectStorage <i>required</i> | Object store to configure secrets for metrics. | metricObjectStorage |
| receiveStorageSize <i>optional</i> | The amount of storage applied to thanos receive stateful sets. Default value is 100Gi . | string |
| ruleStorageSize <i>optional</i> | The amount of storage applied to thanos rule stateful sets. Default value is 1Gi . | string |
| storageClass <i>optional</i> | Specify the storageClass stateful sets. This storage is used for the object storage if metricObjectStorage is configured for your operating system to create storage. Default value is gp2 . | string |
| storeStorageSize <i>optional</i> | The amount of storage applied to thanos store stateful sets. Default value is 10Gi . | string |

metricObjectStorage

| Name | Description | Schema |
|--------------------------------|--|--------|
| key <i>required</i> | The key of the secret to select from. Must be a valid secret key. See Thanos documentation . | string |
| name <i>required</i> | Name of the metricObjectStorage . See Kubernetes Names for more information. | string |

observabilityAddonSpec

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

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

advanced

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

| Name | Description | Schema |
|--|---|--------------------------------|
| rule <i>optional</i> | Specifies the replicas and resources for rule statefulset. | CommonSpec |
| store <i>optional</i> | Specifies the replicas and resources for the store statefulset. | CommonSpec |
| compact <i>optional</i> | Specifies the resources for compact statefulset. | compact |
| storeMemcached <i>optional</i> | Specifies the replicas, resources, etc. for store-memcached. | storeMemcached |
| queryFrontendMemcached <i>optional</i> | Specifies the replicas, resources, etc for query-front-end-memcached. | CacheConfig |

retentionConfig

| Name | Description | Schema |
|--|---|--------|
| blockDuration <i>optional</i> | The amount of time to block the duration for Time Series Database (TSDB) block. Default value is 2h . | string |
| cleanupInterval <i>optional</i> | The frequency of how often partially uploaded blocks are cleaned, and how often blocks with the deletion mark that have --wait enabled are cleaned. Default value is 5m . | string |
| deleteDelay <i>optional</i> | The amount of time until a block marked for deletion is deleted from a bucket. Default value is 48h . | string |
| retentionInLocal <i>optional</i> | The amount of time to retain raw samples from the local storage. Default value is 24h . | string |
| retentionResolutionRaw <i>optional</i> | The amount of time to retain raw samples of resolution in a bucket. Default value is 30 days (30d) | string |

| Name | Description | Schema |
|--|--|--------|
| retentionResolution 5m <i>optional</i> | The amount of time to retain samples of resolution 1 (5 minutes) in a bucket. Default value is 180 days (180d). | string |
| retentionResolution 1h <i>optional</i> | The amount of time to retain samples of resolution 2 (1 hour) in a bucket. Default value is 0 days (0d). | string |

compact

| Name | Description | Schema |
|-------------------------------------|--|-----------------------------|
| resources <i>optional</i> | Compute resources required by MultiClusterObservability. | corev1.ResourceRequirements |

storeMemcached

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

status

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

1.12. SEARCH CUSTOMIZATION API

1.12.1. Overview

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

1.12.1.1. Version information

Version : 2.4.0

1.12.1.2. Contact information

Contact Email : apiteam@swagger.io

1.12.1.3. License information

License : Apache 2.0

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

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

1.12.1.4. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.12.1.5. Tags

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

1.12.1.6. External Docs

Description : Find out more about Swagger.

URL : <http://swagger.io>

1.12.2. Paths

1.12.2.1. Create a searchCustomization

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

1.12.2.1.1. Description

Create a searchCustomization.

1.12.2.1.2. Parameters

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

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

- **searchCustomization/json**

1.12.2.1.5. Tags

- search.open-cluster-management.io

1.12.2.1.6. Example HTTP request

1.12.2.1.6.1. Request body

```
{
  "apiVersion": "search.open-cluster-management.io/v1",
  "kind": "SearchCustomization",
  "metadata": {
    "name": "test-search-swagger",
```

```

"description": "Example body for SearchCustomization API Swagger docs"
},
"spec": {
  "remediationAction": "enforce",
  "namespaces": {
    "include": [
      "default"
    ],
    "exclude": [
      "kube*"
    ]
  },
  "policy-templates": {
    "kind": "ConfigurationPolicy",
    "apiVersion": "search.open-cluster-management.io/v1alpha1",
    "complianceType": "musthave",
    "metadata": {
      "namespace": null,
      "name": "test-role"
    },
    "selector": {
      "matchLabels": {
        "cloud": "IBM"
      }
    },
  },
  "spec" : {
    "object-templates": {
      "complianceType": "mustHave",
      "objectDefinition": {
        "apiVersion": "rbac.authorization.k8s.io/v1",
        "kind": "Role",
        "metadata": {
          "name": "role-policy",
        },
      },
      "rules": [
        {
          "apiGroups": [
            "extensions",
            "apps"
          ],
          "resources": [
            "deployments"
          ],
          "verbs": [
            "get",
            "list",
            "watch",
            "delete"
          ]
        },
        {
          "apiGroups": [
            "core"
          ],
          "resources": [
            "pods"
          ]
        }
      ]
    }
  }
}

```



```

    ],
    "verbs": [
      "create",
      "update",
      "patch"
    ]
  },
  {
    "apiGroups": [
      "core"
    ],
    "resources": [
      "secrets"
    ],
    "verbs": [
      "get",
      "watch",
      "list",
      "create",
      "delete",
      "update",
      "patch"
    ]
  },
  ],
  },
  ],
  },
  },
  },
  },
}

```

1.12.2.2. Query searchCustomization

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

1.12.2.2.1. Description

Query your searchCustomization for more details.

1.12.2.2.2. Parameters

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

- **searchCustomization/json**

1.12.2.2.5. Tags

- search.open-cluster-management.io

1.12.2.3. Query a single policy

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

1.12.2.3.1. Description

Query a single searchCustomization for more details.

1.12.2.3.2. Parameters

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

- search.open-cluster-management.io

1.12.2.4. Delete a searchCustomization

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

1.12.2.4.1. Parameters

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

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

1.12.2.4.3. Tags

- search.open-cluster-management.io

1.12.3. Definitions

1.12.3.1. SearchCustomization

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

spec

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

policy-templates

| Name | Description | Schema |
|--------------------------------------|--|--------|
| apiVersion <i>required</i> | The versioned schema of SearchCustomization. | string |

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

clusterConditions

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

rules

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

1.13. MULTICLUSTERHUB API

1.13.1. 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.

1.13.1.1. Version information

Version : 2.4.0

1.13.1.2. Contact information

Contact Email : apiteam@swagger.io

1.13.1.3. License information

License : Apache 2.0

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

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

1.13.1.4. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.13.1.5. Tags

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

1.13.1.6. External Docs

Description : Find out more about Swagger.

URL : <http://swagger.io>

1.13.2. Paths

1.13.2.1. Create a MultiClusterHub resource

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

1.13.2.1.1. Description

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

1.13.2.1.2. Parameters

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

| Type | Name | Description | Schema |
|------|-------------------------------------|---|-----------------------------|
| Path | namespace <i>required</i> | Namespace that you want to use, for example, default. | string |
| Body | body <i>required</i> | Parameters describing the multicluster hub to be created. | Definitions |

1.13.2.1.3. 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 |

1.13.2.1.4. Consumes

- **multiclusterhubs/yaml**

1.13.2.1.5. Tags

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

1.13.2.1.6. Example HTTP request

1.13.2.1.6.1. 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": "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"
},
  "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 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"
},

```

```

"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"
},
"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": {}
}
}
]
}
}
}

```

1.13.2.2. Query all MultiClusterHubs

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

1.13.2.2.1. Description

Query your multicluster hub operator for more details.

1.13.2.2.2. Parameters

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

1.13.2.2.3. 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 |

1.13.2.2.4. Consumes

- **operator/yaml**

1.13.2.2.5. Tags

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

1.13.2.3. Query a MultiClusterHub operator

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

1.13.2.3.1. Description

Query a single multicluster hub operator for more details.

1.13.2.3.2. Parameters

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

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

1.13.2.4. Delete a MultiClusterHub operator

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

1.13.2.4.1. Parameters

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

1.13.2.4.2. 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 |

1.13.2.4.3. Tags

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

1.13.3. Definitions

1.13.3.1. Multicluster hub operator

| Name | Description | Schema |
|--------------------------------------|--|--------|
| apiVersion <i>required</i> | The versioned schema of the MultiClusterHub. | string |

| Name | Description | Schema |
|------------------------------------|---|----------------------|
| kind <i>required</i> | String value that represents the REST resource. | string |
| metadata <i>required</i> | Describes rules that define the resource. | object |
| spec <i>required</i> | The resource specification. | spec |

spec

| | | |
|---|---|-------------------------|
| availabilityConfig <i>optional</i> | Specifies deployment replication for improved availability. The default value is High . | string |
| customCAConfigmap <i>optional</i> | Provide the customized OpenShift default ingress CA certificate to Red Hat Advanced Cluster Management. | string |
| disableHubSelfManagement <i>optional</i> | Disable automatic import of the hub cluster as a managed cluster. | boolean |
| disableUpdateClusterImageSets <i>optional</i> | Disable automatic update of ClusterImageSets. | boolean |
| hive <i>optional</i> | (Deprecated) An object that overrides for the default HiveConfig specification. | hive |
| imagePullSecret <i>optional</i> | Overrides pull secret for accessing MultiClusterHub operand and endpoint images. | string |
| ingress <i>optional</i> | Configuration options for ingress management. | ingress |
| nodeSelector <i>optional</i> | Set the node selectors. | string |
| separateCertificateManagement <i>optional</i> | (Deprecated) Install cert-manager into its own namespace. | boolean |

hive

| | | |
|--|---|---------------------------------------|
| additionalCertificateAuthorities <i>optional</i> | (Deprecated) 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. | object |
| backup <i>optional</i> | (Deprecated) Specifies the configuration for backup integration. If absent, backup integration is disabled. | backup |
| externalDNS <i>optional</i> | (Deprecated) Specifies configuration for external-dns if it is to be deployed by Hive. If absent, external-dns is not be deployed. | object |
| failedProvisionConfig <i>required</i> | (Deprecated) Used to configure settings related to handling provision failures. | failedProvisionConfig |
| globalPullSecret <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 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. | object |
| maintenanceMode <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 0 for the hive-controllers deployment to accomplish this. | boolean |

ingress

| | | |
|--|---|--------|
| <code>sslCiphers</code> <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 MinBackupPeriodSeconds occurs in between each backup. This is used to rate limit backups. This potentially batches together multiple changes into one backup. No backups are lost as changes 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. | conditions |
| <code>desiredVersion</code> <i>optional</i> | Indicates the desired version. | string |

| components <i>optional</i> | The components of the status configuration. | object |
|--------------------------------------|---|--------|
| phase <i>optional</i> | Represents the active phase of the MultiClusterHub resource. The values that are used for this parameter are: Pending, Running, Installing, Updating, Uninstalling | string |

conditions

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

StatusConditions

| kind <i>required</i> | The resource kind that represents this status. | string |
|--|---|-------------|
| available <i>required</i> | Indicates whether this component is properly running. | boolean |
| lastTransitionTime <i>optional</i> | The last time the condition changed from one status to another. | metav1.time |
| lastUpdateTime <i>optional</i> | The last time this condition was updated. | metav1.time |

| kind <i>required</i> | The resource kind that represents this status. | string |
|-----------------------------------|--|--------|
| message <i>required</i> | Message is a human-readable message indicating details about the last status change. | string |
| reason <i>optional</i> | A brief reason for why the condition status changed. | string |
| status <i>optional</i> | The status of the condition. | string |
| type <i>optional</i> | The type of the cluster condition. | string |

1.14. PLACEMENTS API (V1ALPHA1)

1.14.1. Overview

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

1.14.1.1. Version information

Version : 2.4.0

1.14.1.2. Contact information

Contact Email : apiteam@swagger.io

1.14.1.3. License information

License : Apache 2.0

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

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

1.14.1.4. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.14.1.5. Tags

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

1.14.1.6. External Docs

Description : Find out more about Swagger.

URL : <http://swagger.io>

1.14.2. Paths

1.14.2.1. Query all Placements

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

1.14.2.1.1. Description

Query your Placements for more details.

1.14.2.1.2. Parameters

| Type | Name | Description | Schema |
|--------|----------------------------------|--|--------|
| Header | COOKIE <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 |
| 500 | Internal service error | No Content |
| 503 | Service unavailable | No Content |

1.14.2.1.4. Consumes

- **placement/yaml**

1.14.2.1.5. Tags

- cluster.open-cluster-management.io

1.14.2.2. Create a Placement

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

1.14.2.2.1. Description

Create a Placement.

1.14.2.2.2. Parameters

| Type | Name | Description | Schema |
|--------|----------------------------------|---|---------------------------|
| Header | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Body | body <i>required</i> | Parameters describing the placement to be created. | Placement |

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

- **placement/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/v1alpha1",
  "kind" : "Placement",
  "metadata" : {
    "name" : "placement1",
    "namespace": "ns1"
  },
  "spec": {
    "predicates": [
      {
        "requiredClusterSelector": {
          "labelSelector": {
```

```

    "matchLabels": {
      "vendor": "OpenShift"
    }
  }
}
],
},
"status" : {}
}

```

1.14.2.3. Query a single Placement

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

1.14.2.3.1. Description

Query a single Placement for more details.

1.14.2.3.2. Parameters

| Type | Name | Description | Schema |
|--------|--|---|--------|
| Header | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | placement_name <i>required</i> | Name of the Placement 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 Placement

```
DELETE /cluster.open-cluster-
management.io/v1alpha1/namespaces/{namespace}/placements/{placement_name}
```

1.14.2.4.1. Description

Delete a single Placement.

1.14.2.4.2. Parameters

| Type | Name | Description | Schema |
|--------|--|---|--------|
| Header | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | placement_name <i>required</i> | Name of the Placement 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 |
| 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. Placement

| Name | Description | Schema |
|--------------------------------------|--|--------|
| apiVersion <i>required</i> | The versioned schema of the Placement. | string |

| Name | Description | Schema |
|------------------------------------|---|----------------------|
| kind <i>required</i> | String value that represents the REST resource. | string |
| metadata <i>required</i> | The meta data of the Placement. | object |
| spec <i>required</i> | The specification of the Placement. | spec |

spec

| Name | Description | Schema |
|--|--|--|
| ClusterSets <i>optional</i> | A subset of ManagedClusterSets from which the ManagedClusters are selected. If it is empty, ManagedClusters is selected from the ManagedClusterSets that are bound to the Placement namespace. Otherwise, ManagedClusters are selected from the intersection of this subset and the ManagedClusterSets are bound to the placement namespace. | string array |
| numberOfClusters <i>optional</i> | The desired number of ManagedClusters to be selected. | integer (int32) |
| predicates <i>optional</i> | A subset of cluster predicates to select ManagedClusters. The conditional logic is <i>OR</i> . | clusterPredicate array |

clusterPredicate

| Name | Description | Schema |
|---|--|---------------------------------|
| requiredClusterSelector <i>optional</i> | A cluster selector to select ManagedClusters with a label and cluster claim. | clusterSelector |

clusterSelector

| Name | Description | Schema |
|---|---|--------------------------------------|
| labelSelector <i>optional</i> | A selector of ManagedClusters by label. | object |
| claimSelector <i>optional</i> | A selector of ManagedClusters by claim. | clusterClaimSelector |

clusterClaimSelector

| Name | Description | Schema |
|--|--|------------------|
| matchExpressions <i>optional</i> | A subset of the cluster claim selector requirements. The conditional logic is <i>AND</i> . | < object > array |

1.15. PLACEMENTDECISIONS API (V1ALPHA1)

1.15.1. Overview

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

1.15.1.1. Version information

Version : 2.4.0

1.15.1.2. Contact information

Contact Email : apiteam@swagger.io

1.15.1.3. License information

License : Apache 2.0

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

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

1.15.1.4. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.15.1.5. Tags

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

1.15.1.6. External Docs

Description: Find out more about Swagger.

URL: <http://swagger.io>

1.15.2. Paths

1.15.2.1. Query all PlacementDecisions

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

1.15.2.1.1. Description

Query your PlacementDecisions for more details.

1.15.2.1.2. Parameters

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

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

- **placementdecision/yaml**

1.15.2.1.5. Tags

- cluster.open-cluster-management.io

1.15.2.2. Create a PlacementDecision

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

1.15.2.2.1. Description

Create a PlacementDecision.

1.15.2.2.2. Parameters

| Type | Name | Description | Schema |
|--------|----------------------------------|---|-----------------------------------|
| Header | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Body | body <i>required</i> | Parameters describing the PlacementDecision to be created. | PlacementDecision |

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 |
| 500 | Internal service error | No Content |
| 503 | Service unavailable | No Content |

1.15.2.2.4. Consumes

- **placementdecision/yaml**

1.15.2.2.5. Tags

- cluster.open-cluster-management.io

1.15.2.2.6. Example HTTP request

1.15.2.2.6.1. Request body

```
{
  "apiVersion": "cluster.open-cluster-management.io/v1alpha1",
  "kind": "PlacementDecision",
  "metadata": {
    "labels": {
      "cluster.open-cluster-management.io/placement": "placement1"
    }
  },
  "name": "placement1-decision1",
```

```

    "namespace": "ns1"
  },
  "status" : {}
}

```

1.15.2.3. Query a single PlacementDecision

```
GET /cluster.open-cluster-management.io/v1alpha1/namespaces/{namespace}/placementdecisions/{placementdecision_name}
```

1.15.2.3.1. Description

Query a single PlacementDecision for more details.

1.15.2.3.2. Parameters

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

1.15.2.3.3. 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 |

1.15.2.3.4. Tags

- cluster.open-cluster-management.io

1.15.2.4. Delete a PlacementDecision

```
DELETE /cluster.open-cluster-management.io/v1alpha1/namespaces/{namespace}/placementdecisions/{placementdecision_name}
```

1.15.2.4.1. Description

Delete a single PlacementDecision.

1.15.2.4.2. Parameters

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

1.15.2.4.3. 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 |

1.15.2.4.4. Tags

- cluster.open-cluster-management.io

1.15.3. Definitions

1.15.3.1. PlacementDecision

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

| Name | Description | Schema |
|------------------------------------|-------------------------------------|--------|
| metadata <i>required</i> | The meta data of PlacementDecision. | object |

1.16. DISCOVERYCONFIG API

1.16.1. 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.

1.16.1.1. Version information

Version : 2.4.0

1.16.1.2. Contact information

Contact Email : apiteam@swagger.io

1.16.1.3. License information

License : Apache 2.0

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

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

1.16.1.4. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.16.1.5. Tags

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

1.16.1.6. External Docs

Description : Find out more about Swagger.

URL : <http://swagger.io>

1.16.2. Paths

1.16.2.1. Create a DiscoveryConfig

POST /app.k8s.io/v1alpha1/namespaces/{namespace}/discoveryconfigs

1.16.2.1.1. Description

Create a DiscoveryConfig.

1.16.2.1.2. Parameters

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

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

- **discoveryconfigs/yaml**

1.16.2.1.5. Tags

- `discoveryconfigs.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": "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": "v1alpha1",
      "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"
    },
    "type": "array"
}
},
"type": "object"
}
},
"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": []
}
}
}

```

1.16.2.2. Query all DiscoveryConfigs

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

1.16.2.2.1. Description

Query your discovery config operator for more details.

1.16.2.2.2. Parameters

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

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

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

1.16.2.3. Delete a DiscoveryConfig operator

```
DELETE /operator.open-cluster-management.io/v1alpha1/namespaces/{namespace}/operator/{discoveryconfigs_name}
```

1.16.2.3.1. Parameters

| Type | Name | Description | Schema |
|--------|--|---|--------|
| Header | COOKIE <i>required</i> | Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token. | string |
| Path | application_name <i>required</i> | Name of the Discovery Config operator that you want to delete. | string |

| Type | Name | Description | Schema |
|------|-------------------------------------|---|--------|
| Path | namespace <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

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

1.16.3. Definitions

1.16.3.1. DiscoveryConfig

| Name | Description | Schema |
|--------------------------------------|---|--------------------------|
| apiVersion <i>required</i> | The versioned schema of the discoveryconfigs. | string |
| kind <i>required</i> | String value that represents the REST resource. | string |
| metadata <i>required</i> | Describes rules that define the resource. | object |
| spec <i>required</i> | Defines the desired state of DiscoveryConfig. | See <i>List of specs</i> |

1.16.3.2. List of specs

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

1.16.3.3. List of filters

| Name | Description | Schema |
|---|--|---------|
| lastActive <i>required</i> | LastActive is the last active in days of clusters to discover, determined by activity timestamp. | integer |
| openShiftVersions <i>optional</i> | OpenShiftVersions is the list of release versions of OpenShift of the form "<Major>.<Minor>" | object |

1.17. DISCOVEREDCLUSTER API

1.17.1. 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.

1.17.1.1. Version information

Version : 2.4.0

1.17.1.2. Contact information

Contact Email : apiteam@swagger.io

1.17.1.3. License information

License : Apache 2.0

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

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

1.17.1.4. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.17.1.5. Tags

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

1.17.1.6. External Docs

Description : Find out more about Swagger.

URL : <http://swagger.io>

1.17.2. Paths

1.17.2.1. Create a DiscoveredCluster

POST /app.k8s.io/v1alpha1/namespaces/{namespace}/discoveredclusters

1.17.2.1.1. Description

Create a DiscoveredCluster.

1.17.2.1.2. Parameters

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

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 |
| 503 | Service unavailable | No Content |

1.17.2.1.4. Consumes

- **discoveredclusters/yaml**

1.17.2.1.5. Tags

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

1.17.2.1.5.1. 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": "v1alpha1",
        "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": []
}
}

```

1.17.2.2. Query all DiscoveredClusters

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

1.17.2.2.1. Description

Query your discovered clusters operator for more details.

1.17.2.2.2. Parameters

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

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 |

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

1.17.2.2.4. Consumes

- **operator/yaml**

1.17.2.2.5. Tags

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

1.17.2.3. Delete a DiscoveredCluster operator

DELETE /operator.open-cluster-management.io/v1alpha1/namespaces/{namespace}/operator/{discoveredclusters_name}

1.17.2.3.1. Parameters

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

1.17.2.3.2. 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 |

1.17.2.3.3. Tags

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

1.17.3. Definitions

1.17.3.1. DiscoveredCluster

| Name | Description | Schema |
|--------------------------------------|---|--------------------------|
| apiVersion <i>required</i> | The versioned schema of the discoveredclusters. | string |
| kind <i>required</i> | String value that represents the REST resource. | string |
| metadata <i>required</i> | Describes rules that define the resource. | object |
| spec <i>required</i> | DiscoveredClusterSpec defines the desired state of DiscoveredCluster. | See <i>List of specs</i> |

1.17.3.2. List of specs

| Name | Description | Schema |
|---|---|-------------|
| activityTimestamp <i>optional</i> | Discoveredclusters last available activity timestamp. | metav1.time |
| apiUrl <i>required</i> | Discoveredclusters API URL endpoint. | string |
| cloudProvider <i>optional</i> | Cloud provider of discoveredcluster. | string |
| console <i>optional</i> | Discoveredclusters console URL endpoint. | string |
| creationTimestamp <i>optional</i> | Discoveredclusters creation timestamp. | metav1.time |

| Name | Description | Schema |
|--|--|------------------------|
| credential <i>optional</i> | The reference to the credential from which the cluster was discovered. | corev1.ObjectReference |
| displayName <i>required</i> | The display name of the discovered cluster. | string |
| isManagedCluster <i>required</i> | If true, cluster is managed by ACM. | boolean |
| name <i>required</i> | The name of the discoveredcluster. | string |
| openshiftVersion <i>optional</i> | The OpenShift version of the discovered cluster. | string |
| status <i>optional</i> | The status of the discovered cluster. | string |
| type <i>required</i> | The OpenShift flavor (ex. OCP, ROSA, etc.). | string |