



Red Hat Advanced Cluster Management for Kubernetes 2.6

APIs

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

Red Hat Advanced Cluster Management for Kubernetes 2.6 APIs

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

Legal Notice

Copyright © 2023 Red Hat, Inc.

The text of and illustrations in this document are licensed by Red Hat under a Creative Commons Attribution–Share Alike 3.0 Unported license ("CC-BY-SA"). An explanation of CC-BY-SA is available at

<http://creativecommons.org/licenses/by-sa/3.0/>

. In accordance with CC-BY-SA, if you distribute this document or an adaptation of it, you must provide the URL for the original version.

Red Hat, as the licensor of this document, waives the right to enforce, and agrees not to assert, Section 4d of CC-BY-SA to the fullest extent permitted by applicable law.

Red Hat, Red Hat Enterprise Linux, the Shadowman logo, the Red Hat logo, JBoss, OpenShift, Fedora, the Infinity logo, and RHCE are trademarks of Red Hat, Inc., registered in the United States and other countries.

Linux[®] is the registered trademark of Linus Torvalds in the United States and other countries.

Java[®] is a registered trademark of Oracle and/or its affiliates.

XFS[®] is a trademark of Silicon Graphics International Corp. or its subsidiaries in the United States and/or other countries.

MySQL[®] is a registered trademark of MySQL AB in the United States, the European Union and other countries.

Node.js[®] is an official trademark of Joyent. Red Hat is not formally related to or endorsed by the official Joyent Node.js open source or commercial project.

The OpenStack[®] Word Mark and OpenStack logo are either registered trademarks/service marks or trademarks/service marks of the OpenStack Foundation, in the United States and other countries and are used with the OpenStack Foundation's permission. We are not affiliated with, endorsed or sponsored by the OpenStack Foundation, or the OpenStack community.

All other trademarks are the property of their respective owners.

Abstract

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

Table of Contents

CHAPTER 1. APIS	13
1.1. CLUSTERS API	13
1.1.1. Overview	13
1.1.1.1. Version information	13
1.1.1.2. URI scheme	13
1.1.1.3. Tags	14
1.1.2. Paths	14
1.1.2.1. Query all clusters	14
1.1.2.1.1. Description	14
1.1.2.1.2. Parameters	14
1.1.2.1.3. Responses	14
1.1.2.1.4. Consumes	14
1.1.2.1.5. Tags	14
1.1.2.2. Create a cluster	14
1.1.2.2.1. Description	15
1.1.2.2.2. Parameters	15
1.1.2.2.3. Responses	15
1.1.2.2.4. Consumes	15
1.1.2.2.5. Tags	15
1.1.2.2.6. Example HTTP request	15
1.1.2.2.6.1. Request body	15
1.1.2.3. Query a single cluster	16
1.1.2.3.1. Description	16
1.1.2.3.2. Parameters	16
1.1.2.3.3. Responses	16
1.1.2.3.4. Tags	17
1.1.2.4. Delete a cluster	17
1.1.2.4.1. Description	17
1.1.2.4.2. Parameters	17
1.1.2.4.3. Responses	17
1.1.2.4.4. Tags	17
1.1.3. Definitions	17
1.1.3.1. Cluster	17
1.2. CLUSTERSETS API (VIBETA1)	18
1.2.1. Overview	18
1.2.1.1. Version information	18
1.2.1.2. URI scheme	19
1.2.1.3. Tags	19
1.2.2. Paths	19
1.2.2.1. Query all clustersets	19
1.2.2.1.1. Description	19
1.2.2.1.2. Parameters	19
1.2.2.1.3. Responses	19
1.2.2.1.4. Consumes	19
1.2.2.1.5. Tags	19
1.2.2.2. Create a clusterset	20
1.2.2.2.1. Description	20
1.2.2.2.2. Parameters	20
1.2.2.2.3. Responses	20
1.2.2.2.4. Consumes	20
1.2.2.2.5. Tags	20

1.2.2.2.6. Example HTTP request	20
1.2.2.2.6.1. Request body	20
1.2.2.3. Query a single clusterset	21
1.2.2.3.1. Description	21
1.2.2.3.2. Parameters	21
1.2.2.3.3. Responses	21
1.2.2.3.4. Tags	21
1.2.2.4. Delete a clusterset	22
1.2.2.4.1. Description	22
1.2.2.4.2. Parameters	22
1.2.2.4.3. Responses	22
1.2.2.4.4. Tags	22
1.2.3. Definitions	22
1.2.3.1. Clusterset	22
1.3. CLUSTERSETBINDINGS API (VIBETA1)	23
1.3.1. Overview	23
1.3.1.1. Version information	23
1.3.1.2. URI scheme	23
1.3.1.3. Tags	23
1.3.2. Paths	23
1.3.2.1. Query all clustersetbindings	23
1.3.2.1.1. Description	23
1.3.2.1.2. Parameters	23
1.3.2.1.3. Responses	24
1.3.2.1.4. Consumes	24
1.3.2.1.5. Tags	24
1.3.2.2. Create a clustersetbinding	24
1.3.2.2.1. Description	24
1.3.2.2.2. Parameters	24
1.3.2.2.3. Responses	25
1.3.2.2.4. Consumes	25
1.3.2.2.5. Tags	25
1.3.2.2.6. Example HTTP request	25
1.3.2.2.6.1. Request body	25
1.3.2.3. Query a single clustersetbinding	25
1.3.2.3.1. Description	26
1.3.2.3.2. Parameters	26
1.3.2.3.3. Responses	26
1.3.2.3.4. Tags	26
1.3.2.4. Delete a clustersetbinding	26
1.3.2.4.1. Description	26
1.3.2.4.2. Parameters	27
1.3.2.4.3. Responses	27
1.3.2.4.4. Tags	27
1.3.3. Definitions	27
1.3.3.1. Clustersetbinding	27
1.4. CLUSTERVIEW API (VIALPHA1)	28
1.4.1. Overview	28
1.4.1.1. Version information	28
1.4.1.2. URI scheme	28
1.4.1.3. Tags	28
1.4.2. Paths	28
1.4.2.1. Get managed clusters	28

1.4.2.1.1. Description	28
1.4.2.1.2. Parameters	29
1.4.2.1.3. Responses	29
1.4.2.1.4. Consumes	29
1.4.2.1.5. Tags	29
1.4.2.2. List managed clusters	29
1.4.2.2.1. Description	29
1.4.2.2.2. Parameters	29
1.4.2.2.3. Responses	30
1.4.2.2.4. Consumes	30
1.4.2.2.5. Tags	30
1.4.2.2.6. Example HTTP request	30
1.4.2.2.6.1. Request body	30
1.4.2.3. Watch the managed cluster sets	30
1.4.2.3.1. Description	30
1.4.2.3.2. Parameters	30
1.4.2.3.3. Responses	31
1.4.2.4. List the managed cluster sets.	31
1.4.2.4.1. Description	31
1.4.2.4.2. Parameters	31
1.4.2.4.3. Responses	31
1.4.2.5. List the managed cluster sets.	32
1.4.2.5.1. Description	32
1.4.2.5.2. Parameters	32
1.4.2.5.3. Responses	32
1.4.2.6. Watch the managed cluster sets.	33
1.4.2.6.1. Description	33
1.4.2.6.2. Parameters	33
1.4.2.6.3. Responses	33
1.5. CHANNELS API	33
1.5.1. Overview	33
1.5.1.1. Version information	33
1.5.1.2. URI scheme	33
1.5.1.3. Tags	34
1.5.2. Paths	34
1.5.2.1. Create a channel	34
1.5.2.1.1. Description	34
1.5.2.1.2. Parameters	34
1.5.2.1.3. Responses	34
1.5.2.1.4. Consumes	34
1.5.2.1.5. Tags	35
1.5.2.1.6. Example HTTP request	35
1.5.2.1.6.1. Request body	35
1.5.2.2. Query all channels for the target namespace	35
1.5.2.2.1. Description	35
1.5.2.2.2. Parameters	35
1.5.2.2.3. Responses	35
1.5.2.2.4. Consumes	36
1.5.2.2.5. Tags	36
1.5.2.3. Query a single channels of a namespace	36
1.5.2.3.1. Description	36
1.5.2.3.2. Parameters	36
1.5.2.3.3. Responses	36

1.5.2.3.4. Tags	37
1.5.2.4. Delete a Channel	37
1.5.2.4.1. Parameters	37
1.5.2.4.2. Responses	37
1.5.2.4.3. Tags	38
1.5.3. Definitions	38
1.5.3.1. Channel	38
1.6. SUBSCRIPTIONS API	41
1.6.1. Overview	41
1.6.1.1. Version information	41
1.6.1.2. URI scheme	41
1.6.1.3. Tags	41
1.6.2. Paths	42
1.6.2.1. Create a subscription	42
1.6.2.1.1. Description	42
1.6.2.1.2. Parameters	42
1.6.2.1.3. Responses	42
1.6.2.1.4. Consumes	42
1.6.2.1.5. Tags	42
1.6.2.1.6. Example HTTP request	43
1.6.2.1.6.1. Request body	43
1.6.2.2. Query all subscriptions	43
1.6.2.2.1. Description	44
1.6.2.2.2. Parameters	44
1.6.2.2.3. Responses	44
1.6.2.2.4. Consumes	44
1.6.2.2.5. Tags	44
1.6.2.3. Query a single subscription	44
1.6.2.3.1. Description	44
1.6.2.3.2. Parameters	44
1.6.2.3.3. Responses	45
1.6.2.3.4. Tags	45
1.6.2.4. Delete a subscription	45
1.6.2.4.1. Parameters	45
1.6.2.4.2. Responses	46
1.6.2.4.3. Tags	46
1.6.3. Definitions	46
1.6.3.1. Subscription	46
1.7. PLACEMENTRULES API	52
1.7.1. Overview	52
1.7.1.1. Version information	52
1.7.1.2. URI scheme	52
1.7.1.3. Tags	52
1.7.2. Paths	52
1.7.2.1. Create a placement rule	52
1.7.2.1.1. Description	52
1.7.2.1.2. Parameters	52
1.7.2.1.3. Responses	53
1.7.2.1.4. Consumes	53
1.7.2.1.5. Tags	53
1.7.2.1.6. Example HTTP request	53
1.7.2.1.6.1. Request body	53
1.7.2.2. Query all placement rules	53

1.7.2.2.1. Description	54
1.7.2.2.2. Parameters	54
1.7.2.2.3. Responses	54
1.7.2.2.4. Consumes	54
1.7.2.2.5. Tags	54
1.7.2.3. Query a single placementrule	54
1.7.2.3.1. Description	54
1.7.2.3.2. Parameters	55
1.7.2.3.3. Responses	55
1.7.2.3.4. Tags	55
1.7.2.4. Delete a placementrule	55
1.7.2.4.1. Parameters	55
1.7.2.4.2. Responses	56
1.7.2.4.3. Tags	56
1.7.3. Definitions	56
1.7.3.1. Placementrule	56
1.8. APPLICATIONS API	59
1.8.1. Overview	59
1.8.1.1. Version information	59
1.8.1.2. URI scheme	59
1.8.1.3. Tags	59
1.8.2. Paths	59
1.8.2.1. Create a application	59
1.8.2.1.1. Description	59
1.8.2.1.2. Parameters	59
1.8.2.1.3. Responses	60
1.8.2.1.4. Consumes	60
1.8.2.1.5. Tags	60
1.8.2.1.6. Example HTTP request	60
1.8.2.1.6.1. Request body	60
1.8.2.2. Query all applications	61
1.8.2.2.1. Description	61
1.8.2.2.2. Parameters	61
1.8.2.2.3. Responses	61
1.8.2.2.4. Consumes	61
1.8.2.2.5. Tags	61
1.8.2.3. Query a single application	61
1.8.2.3.1. Description	62
1.8.2.3.2. Parameters	62
1.8.2.3.3. Responses	62
1.8.2.3.4. Tags	62
1.8.2.4. Delete a application	62
1.8.2.4.1. Parameters	62
1.8.2.4.2. Responses	63
1.8.2.4.3. Tags	63
1.8.3. Definitions	63
1.8.3.1. Application	63
1.9. HELM API	69
1.9.1. Overview	69
1.9.1.1. Version information	69
1.9.1.2. URI scheme	70
1.9.1.3. Tags	70
1.9.2. Paths	70

1.9.2.1. Create a helmrelease	70
1.9.2.1.1. Description	70
1.9.2.1.2. Parameters	70
1.9.2.1.3. Responses	70
1.9.2.1.4. Consumes	70
1.9.2.1.5. Tags	71
1.9.2.1.6. Example HTTP request	71
1.9.2.1.6.1. Request body	71
1.9.2.2. Query all helmreleases	71
1.9.2.2.1. Description	71
1.9.2.2.2. Parameters	71
1.9.2.2.3. Responses	72
1.9.2.2.4. Consumes	72
1.9.2.2.5. Tags	72
1.9.2.3. Query a single helmrelease	72
1.9.2.3.1. Description	72
1.9.2.3.2. Parameters	72
1.9.2.3.3. Responses	72
1.9.2.3.4. Tags	73
1.9.2.4. Delete a helmrelease	73
1.9.2.4.1. Parameters	73
1.9.2.4.2. Responses	73
1.9.2.4.3. Tags	74
1.9.3. Definitions	74
1.9.3.1. HelmRelease	74
1.10. POLICY API	77
1.10.1. Overview	78
1.10.1.1. Version information	78
1.10.1.2. URI scheme	78
1.10.1.3. Tags	78
1.10.2. Paths	78
1.10.2.1. Create a policy	78
1.10.2.1.1. Description	78
1.10.2.1.2. Parameters	78
1.10.2.1.3. Responses	78
1.10.2.1.4. Consumes	79
1.10.2.1.5. Tags	79
1.10.2.1.6. Example HTTP request	79
1.10.2.1.6.1. Request body	79
1.10.2.2. Query all policies	81
1.10.2.2.1. Description	81
1.10.2.2.2. Parameters	81
1.10.2.2.3. Responses	81
1.10.2.2.4. Consumes	81
1.10.2.2.5. Tags	81
1.10.2.3. Query a single policy	82
1.10.2.3.1. Description	82
1.10.2.3.2. Parameters	82
1.10.2.3.3. Responses	82
1.10.2.3.4. Tags	82
1.10.2.4. Delete a policy	82
1.10.2.4.1. Parameters	82
1.10.2.4.2. Responses	83

1.10.2.4.3. Tags	83
1.10.3. Definitions	83
1.10.3.1. Policy	83
1.11. OBSERVABILITY API	85
1.11.1. Overview	85
1.11.1.1. Version information	85
1.11.1.2. URI scheme	85
1.11.1.3. Tags	85
1.11.2. Paths	85
1.11.2.1. Create a multiclusterobservability resource	85
1.11.2.1.1. Description	85
1.11.2.1.2. Parameters	86
1.11.2.1.3. Responses	86
1.11.2.1.4. Consumes	86
1.11.2.1.5. Tags	86
1.11.2.1.6. Example HTTP request	86
1.11.2.1.6.1. Request body	86
1.11.2.2. Query all multiclusterobservabilities	87
1.11.2.2.1. Description	87
1.11.2.2.2. Parameters	87
1.11.2.2.3. Responses	87
1.11.2.2.4. Consumes	87
1.11.2.2.5. Tags	87
1.11.2.3. Query a single multiclusterobservability	88
1.11.2.3.1. Description	88
1.11.2.3.2. Parameters	88
1.11.2.3.3. Responses	88
1.11.2.3.4. Tags	88
1.11.2.4. Delete a multiclusterobservability resource	88
1.11.2.4.1. Parameters	88
1.11.2.4.2. Responses	89
1.11.2.4.3. Tags	89
1.11.3. Definitions	89
1.11.3.1. MultiClusterObservability	89
1.12. SEARCH CUSTOMIZATION API	96
1.12.1. Overview	96
1.12.1.1. License information	97
1.12.1.2. URI scheme	97
1.12.1.3. Tags	97
1.12.2. Paths	97
1.12.2.1. Create a searchCustomization	97
1.12.2.1.1. Description	97
1.12.2.1.2. Parameters	97
1.12.2.1.3. Responses	97
1.12.2.1.4. Consumes	98
1.12.2.1.5. Tags	98
1.12.2.1.6. Example HTTP request	98
1.12.2.1.6.1. Request body	98
1.12.2.2. Query searchCustomization	100
1.12.2.2.1. Description	100
1.12.2.2.2. Parameters	100
1.12.2.2.3. Responses	100
1.12.2.2.4. Consumes	100

1.12.2.2.5. Tags	100
1.12.2.3. Query a single policy	100
1.12.2.3.1. Description	101
1.12.2.3.2. Parameters	101
1.12.2.3.3. Responses	101
1.12.2.3.4. Tags	101
1.12.2.4. Delete a searchCustomization	101
1.12.2.4.1. Parameters	101
1.12.2.4.2. Responses	102
1.12.2.4.3. Tags	102
1.12.3. Definitions	102
1.12.3.1. SearchCustomization	102
1.13. MULTICLUSTERHUB API	104
1.13.1. Overview	104
1.13.1.1. Version information	104
1.13.1.2. URI scheme	104
1.13.1.3. Tags	104
1.13.2. Paths	104
1.13.2.1. Create a MultiClusterHub resource	104
1.13.2.1.1. Description	104
1.13.2.1.2. Parameters	104
1.13.2.1.3. Responses	105
1.13.2.1.4. Consumes	105
1.13.2.1.5. Tags	105
1.13.2.1.6. Example HTTP request	105
1.13.2.1.6.1. Request body	105
1.13.2.2. Query all MultiClusterHubs	112
1.13.2.2.1. Description	112
1.13.2.2.2. Parameters	112
1.13.2.2.3. Responses	112
1.13.2.2.4. Consumes	112
1.13.2.2.5. Tags	113
1.13.2.3. Query a MultiClusterHub operator	113
1.13.2.3.1. Description	113
1.13.2.3.2. Parameters	113
1.13.2.3.3. Responses	113
1.13.2.3.4. Tags	113
1.13.2.4. Delete a MultiClusterHub operator	114
1.13.2.4.1. Parameters	114
1.13.2.4.2. Responses	114
1.13.2.4.3. Tags	114
1.13.3. Definitions	114
1.13.3.1. Multicluster hub operator	114
1.14. PLACEMENTS API (VIBETA1)	119
1.14.1. Overview	119
1.14.1.1. Version information	119
1.14.1.2. URI scheme	119
1.14.1.3. Tags	119
1.14.2. Paths	119
1.14.2.1. Query all Placements	119
1.14.2.1.1. Description	119
1.14.2.1.2. Parameters	119
1.14.2.1.3. Responses	120

1.14.2.1.4. Consumes	120
1.14.2.1.5. Tags	120
1.14.2.2. Create a Placement	120
1.14.2.2.1. Description	120
1.14.2.2.2. Parameters	120
1.14.2.2.3. Responses	121
1.14.2.2.4. Consumes	121
1.14.2.2.5. Tags	121
1.14.2.2.6. Example HTTP request	121
1.14.2.2.6.1. Request body	121
1.14.2.3. Query a single Placement	121
1.14.2.3.1. Description	122
1.14.2.3.2. Parameters	122
1.14.2.3.3. Responses	122
1.14.2.3.4. Tags	122
1.14.2.4. Delete a Placement	122
1.14.2.4.1. Description	122
1.14.2.4.2. Parameters	122
1.14.2.4.3. Responses	123
1.14.2.4.4. Tags	123
1.14.3. Definitions	123
1.14.3.1. Placement	123
1.15. PLACEMENTDECISIONS API (VIBETA1)	125
1.15.1. Overview	125
1.15.1.1. Version information	125
1.15.1.2. URI scheme	125
1.15.1.3. Tags	125
1.15.2. Paths	125
1.15.2.1. Query all PlacementDecisions	125
1.15.2.1.1. Description	125
1.15.2.1.2. Parameters	125
1.15.2.1.3. Responses	125
1.15.2.1.4. Consumes	126
1.15.2.1.5. Tags	126
1.15.2.2. Create a PlacementDecision	126
1.15.2.2.1. Description	126
1.15.2.2.2. Parameters	126
1.15.2.2.3. Responses	126
1.15.2.2.4. Consumes	127
1.15.2.2.5. Tags	127
1.15.2.2.6. Example HTTP request	127
1.15.2.2.6.1. Request body	127
1.15.2.3. Query a single PlacementDecision	127
1.15.2.3.1. Description	127
1.15.2.3.2. Parameters	127
1.15.2.3.3. Responses	128
1.15.2.3.4. Tags	128
1.15.2.4. Delete a PlacementDecision	128
1.15.2.4.1. Description	128
1.15.2.4.2. Parameters	128
1.15.2.4.3. Responses	129
1.15.2.4.4. Tags	129
1.15.3. Definitions	129

1.15.3.1. PlacementDecision	129
1.16. DISCOVERYCONFIG API	129
1.16.1. Overview	129
1.16.1.1. Version information	130
1.16.1.2. URI scheme	130
1.16.1.3. Tags	130
1.16.2. Paths	130
1.16.2.1. Create a DiscoveryConfig	130
1.16.2.1.1. Description	130
1.16.2.1.2. Parameters	130
1.16.2.1.3. Responses	130
1.16.2.1.4. Consumes	131
1.16.2.1.5. Tags	131
1.16.2.1.5.1. Request body	131
1.16.2.2. Query all DiscoveryConfigs	133
1.16.2.2.1. Description	133
1.16.2.2.2. Parameters	133
1.16.2.2.3. Responses	133
1.16.2.2.4. Consumes	134
1.16.2.2.5. Tags	134
1.16.2.3. Delete a DiscoveryConfig operator	134
1.16.2.3.1. Parameters	134
1.16.2.3.2. Responses	134
1.16.2.3.3. Tags	134
1.16.3. Definitions	134
1.16.3.1. DiscoveryConfig	135
1.16.3.2. List of specs	135
1.16.3.3. List of filters	135
1.17. DISCOVEREDCLUSTER API	135
1.17.1. Overview	135
1.17.1.1. Version information	136
1.17.1.2. URI scheme	136
1.17.1.3. Tags	136
1.17.2. Paths	136
1.17.2.1. Create a DiscoveredCluster	136
1.17.2.1.1. Description	136
1.17.2.1.2. Parameters	136
1.17.2.1.3. Responses	136
1.17.2.1.4. Consumes	137
1.17.2.1.5. Tags	137
1.17.2.1.5.1. Request body	137
1.17.2.2. Query all DiscoveredClusters	140
1.17.2.2.1. Description	140
1.17.2.2.2. Parameters	140
1.17.2.2.3. Responses	140
1.17.2.2.4. Consumes	141
1.17.2.2.5. Tags	141
1.17.2.3. Delete a DiscoveredCluster operator	141
1.17.2.3.1. Parameters	141
1.17.2.3.2. Responses	141
1.17.2.3.3. Tags	142
1.17.3. Definitions	142
1.17.3.1. DiscoveredCluster	142

1.17.3.2. List of specs

142

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 \(v1beta1\)](#)
- [PlacementDecisions API \(v1beta1\)](#)
- [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 : 2.6.0

1.1.1.2. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.1.1.3. Tags

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

1.1.2. Paths

1.1.2.1. Query all clusters

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

1.1.2.1.1. Description

Query your clusters for more details.

1.1.2.1.2. Parameters

Type	Name	Description	Schema
Header	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
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
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
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 : 2.6.0

1.2.1.2. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.2.1.3. Tags

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

1.2.2. Paths

1.2.2.1. Query all clustersets

GET /cluster.open-cluster-management.io/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": {
  "clusterSelector": {
    "selectorType": "LegacyClusterSetLabel"
  }
},
"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

Name	Schema
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 : 2.6.0

1.3.1.2. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.3.1.3. Tags

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

1.3.2. Paths

1.3.2.1. Query all clustersetbindings

GET /cluster.open-cluster-management.io/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 : 2.6.0

1.4.1.2. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.4.1.3. Tags

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

1.4.2. Paths

1.4.2.1. Get managed clusters

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

1.4.2.1.1. Description

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

1.4.2.1.2. Parameters

Type	Name	Description	Schema
Header	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 : 2.6.0

1.5.1.2. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.5.1.3. Tags

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

1.5.2. Paths

1.5.2.1. Create a channel

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

1.5.2.1.1. Description

Create a channel.

1.5.2.1.2. Parameters

Type	Name	Description	Schema
Header	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

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

1.5.2.2.4. Consumes

- **application/yaml**

1.5.2.2.5. Tags

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

1.5.2.3. Query a single channels of a namespace

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

1.5.2.3.1. Description

Query a single channels for more details.

1.5.2.3.2. Parameters

Type	Name	Description	Schema
Header	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 wan 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

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

1.5.2.3.4. Tags

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

1.5.2.4. Delete a Channel

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

1.5.2.4.1. Parameters

Type	Name	Description	Schema
Header	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
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 <code>desiredState.manifest.containers[2]</code> . For example, if the object reference is to a container within a pod, this would take on a value like: <code>"spec.containers{name}"</code> (where "name" refers to the name of the container that triggered the event) or if no container name is specified <code>"spec.containers[2]"</code> (container with index 2 in this pod). This syntax is chosen only to have some well-defined way of referencing a part of an object. TODO: this design is not final and this field is subject to change in the future.	string
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 <code>matchLabels</code> and <code>matchExpressions</code> 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

Name	Description	Schema
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 <code>desiredState.manifest.containers[2]</code> . For example, if the object reference is to a container within a pod, this would take on a value like: <code>"spec.containers{name}"</code> (where "name" refers to the name of the container that triggered the event) or if no container name is specified <code>"spec.containers[2]"</code> (container with index 2 in this pod). This syntax is chosen only to have some well-defined way of referencing a part of an object. TODO: this design is not final and this field is subject to change in the future.	string
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

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 : 2.6.0

1.6.1.2. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.6.1.3. Tags

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

1.6.2. Paths

1.6.2.1. Create a subscription

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

1.6.2.1.1. Description

Create a subscription.

1.6.2.1.2. Parameters

Type	Name	Description	Schema
Header	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 wan to query.	string

1.6.2.3.3. Responses

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

1.6.2.3.4. Tags

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

1.6.2.4. Delete a subscription

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

1.6.2.4.1. Parameters

Type	Name	Description	Schema
Header	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 : "()(\\.[0-9])(\\.) (\\.[0-9])?(\\.[xX])"\$	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 : 2.6.0

1.7.1.2. URI scheme

BasePath : /kubernetes/apis
Schemes : HTTPS

1.7.1.3. Tags

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

1.7.2. Paths

1.7.2.1. Create a placement rule

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

1.7.2.1.1. Description

Create a placement rule.

1.7.2.1.2. Parameters

Type	Name	Description	Schema
Header	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 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

Type	Name	Description	Schema
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
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
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 : 2.6.0

1.8.1.2. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.8.1.3. Tags

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

1.8.2. Paths

1.8.2.1. Create a application

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

1.8.2.1.1. Description

Create a application.

1.8.2.1.2. Parameters

Type	Name	Description	Schema
Header	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 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
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

Name	Schema
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

Name	Schema
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

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

valueFrom

Name	Schema
configMapKeyRef <i>optional</i>	configMapKeyRef
ingressRef <i>optional</i>	ingressRef
secretKeyRef <i>optional</i>	secretKeyRef

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

ingressRef

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

Name	Schema
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
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

Name	Schema
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)
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 : 2.6.0

1.9.1.2. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.9.1.3. Tags

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

1.9.2. Paths

1.9.2.1. Create a helmrelease

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

1.9.2.1.1. Description

Create a helmrelease.

1.9.2.1.2. Parameters

Type	Name	Description	Schema
Header	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
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 want 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
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 {ACCESS_TOKEN}; ACCESS_TOKEN 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, default.	string

1.9.2.4.2. Responses

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

HTTP Code	Description	Schema
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

Name	Schema
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

Name	Schema
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 : 2.6.0

1.10.1.2. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.10.1.3. Tags

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

1.10.2. Paths

1.10.2.1. Create a policy

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

1.10.2.1.1. Description

Create a policy.

1.10.2.1.2. Parameters

Type	Name	Description	Schema
Header	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

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

1.10.2.1.4. Consumes

- **application/json**

1.10.2.1.5. Tags

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

1.10.2.1.6. Example HTTP request

1.10.2.1.6.1. Request body

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

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


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

Name	Description	Schema
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 : 2.6.0

1.11.1.2. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.11.1.3. Tags

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

1.11.2. Paths

1.11.2.1. Create a multiclusterobservability resource

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

1.11.2.1.1. Description

Create a MultiClusterObservability resource.

1.11.2.1.2. Parameters

Type	Name	Description	Schema
Header	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"
  "writeStorage": {
    - "key": " ",
      "name": " "
    - "key": " ",
      "name": " "
  }
}
}
}

```

1.11.2.2. Query all multiclusterobservabilities

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

1.11.2.2.1. Description

Query your MultiClusterObservability resources for more details.

1.11.2.2.2. Parameters

Type	Name	Description	Schema
Header	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
writeStorage <i>optional</i>	A list of endpoint access information.	[] WriteStorage

writeStorage

Name	Description	Schema
name <i>required</i>	The name of the secret with endpoint access information.	string
key <i>required</i>	The key of the secret to select from.	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	Description	Schema
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
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

Name	Description	Schema
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
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
CompactSpec <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-frontend-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

Name	Description	Schema
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
retentionResolution5m <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
retentionResolution1h <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

CompactSpec

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

storeMemcached

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

Name	Description	Schema
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

CommonSpec

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

QuerySpec

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

ReceiveSpec

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

StoreSpec

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

RuleSpec

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

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. License information

License : Apache 2.0

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

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

1.12.1.2. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.12.1.3. Tags

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

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

HTTP Code	Description	Schema
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
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
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 : 2.6.0

1.13.1.2. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.13.1.3. Tags

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

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": {
"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"
}
},
"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"
},
"type": "array"
},
"currentVersion": {
"description": "CurrentVersion indicates the current version..",
"type": "string"
},
"desiredVersion": {
"description": "DesiredVersion indicates the desired version.",
"type": "string"
},
"phase": {
"description": "Represents the running phase of the MultiClusterHub",
"type": "string"
}
},
"type": "object"
}

```

```

    },
    "type": "object"
  }
},
"served": true,
"storage": true,
"subresources": {
"status": {}
}
}
]
}
}
}

```

1.13.2.2. 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 (V1BETA1)

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 : 2.6.0

1.14.1.2. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.14.1.3. Tags

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

1.14.2. Paths

1.14.2.1. Query all Placements

GET /cluster.open-cluster-management.io/v1beta1/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/v1beta1/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/v1beta1",
  "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/v1beta1/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/v1beta1/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
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
------	-------------	--------

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 (V1BETA1)

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 : 2.6.0

1.15.1.2. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.15.1.3. Tags

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

1.15.2. Paths

1.15.2.1. Query all PlacementDecisions

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

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

1.15.2.2.4. 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/v1beta1",
  "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/v1beta1/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/v1beta1/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

Type	Name	Description	Schema
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
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 : 2.6.0

1.16.1.2. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.16.1.3. Tags

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

1.16.2. Paths

1.16.2.1. Create a DiscoveryConfig

POST /app.k8s.io/v1/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

HTTP Code	Description	Schema
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": "v1",
        "schema": {
          "openAPIV3Schema": {
            "description": "DiscoveryConfig is the Schema for the discoveryconfigs API",
            "properties": {
              "apiVersion": {
                "description": "APIVersion defines the versioned schema of this representation of an object. Servers should convert recognized schemas to the latest internal value, and may reject unrecognized values. More info: https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#resources",
                "type": "string"
              }
            }
          }
        }
      }
    ]
  }
}
```

```

"kind": {
  "description": "Kind is a string value representing the REST resource this object represents. Servers may infer this from the endpoint the client submits requests to. Cannot be updated. In CamelCase. More info: https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#types-kinds",
  "type": "string"
},
"metadata": {
  "type": "object"
},
"spec": {
  "description": "DiscoveryConfigSpec defines the desired state of DiscoveryConfig",
  "properties": {
    "credential": {
      "description": "Credential is the secret containing credentials to connect to the OCM api on behalf of a user",
      "type": "string"
    },
    "filters": {
      "description": "Sets restrictions on what kind of clusters to discover",
      "properties": {
        "lastActive": {
          "description": "LastActive is the last active in days of clusters to discover, determined by activity timestamp",
          "type": "integer"
        },
        "openShiftVersions": {
          "description": "OpenShiftVersions is the list of release versions of OpenShift of the form \"<Major>.<Minor>\"",
          "items": {
            "description": "Semver represents a partial semver string with the major and minor version in the form \"<Major>.<Minor>\". For example: \"4.5\"",
            "pattern": "^(?:0|[1-9]\\d*)(?:\\.?(?:0|[1-9]\\d*))?$",
            "type": "string"
          },
          "type": "array"
        }
      }
    },
    "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/v1/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
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/v1/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
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 : 2.6.0

1.17.1.2. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

1.17.1.3. Tags

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

1.17.2. Paths

1.17.2.1. Create a DiscoveredCluster

POST /app.k8s.io/v1/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

HTTP Code	Description	Schema
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": "v1",
        "schema": {
          "openAPIV3Schema": {
            "description": "DiscoveredCluster is the Schema for the discoveredclusters API",
            "properties": {
              "apiVersion": {
                "description": "APIVersion defines the versioned schema of this representation of an object. Servers should convert recognized schemas to the latest internal value, and may reject unrecognized values. More info: https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#resources",
                "type": "string"
              },
            },
            "kind": {
              "description": "Kind is a string value representing the REST resource this object represents. Servers may infer this from the endpoint the client submits requests to. Cannot be updated. In

```

CamelCase. More info: <https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#types-kinds>,

```

    "type": "string"
  },
  "metadata": {
    "type": "object"
  },
  "spec": {
    "description": "DiscoveredClusterSpec defines the desired state of DiscoveredCluster",
    "properties": {
      "activityTimestamp": {
        "format": "date-time",
        "type": "string"
      },
      "apiUrl": {
        "type": "string"
      },
      "cloudProvider": {
        "type": "string"
      },
      "console": {
        "type": "string"
      },
      "creationTimestamp": {
        "format": "date-time",
        "type": "string"
      },
      "credential": {

```

"description": "ObjectReference contains enough information to let you inspect or modify the referred object. --- New uses of this type are discouraged because of difficulty describing its usage when embedded in APIs. 1. Ignored fields. It includes many fields which are not generally honored. For instance, ResourceVersion and FieldPath are both very rarely valid in actual usage. 2. Invalid usage help. It is impossible to add specific help for individual usage. In most embedded usages, there are particular restrictions like, \"must refer only to types A and B\" or \"UID not honored\" or \"name must be restricted\". Those cannot be well described when embedded. 3. Inconsistent validation. Because the usages are different, the validation rules are different by usage, which makes it hard for users to predict what will happen. 4. The fields are both imprecise and overly precise. Kind is not a precise mapping to a URL. This can produce ambiguity during interpretation and require a REST mapping. In most cases, the dependency is on the group,resource tuple and the version of the actual struct is irrelevant. 5. We cannot easily change it. Because this type is embedded in many locations, updates to this type will affect numerous schemas. Don't make new APIs embed an underspecified API type they do not control. Instead of using this type, create a locally provided and used type that is well-focused on your reference. For example, ServiceReferences for admission registration: <https://github.com/kubernetes/api/blob/release-1.17/admissionregistration/v1/types.go#L533> .",

```

    "properties": {
      "apiVersion": {
        "description": "API version of the referent.",
        "type": "string"
      },
      "fieldPath": {

```

"description": "If referring to a piece of an object instead of an entire object, this string should contain a valid JSON/Go field access statement, such as desiredState.manifest.containers[2]. For example, if the object reference is to a container within a pod, this would take on a value like: \"spec.containers{name}\" (where \"name\" refers to the name of the container that triggered the event) or if no container name is specified \"spec.containers[2]\" (container with index 2 in this pod).

This syntax is chosen only to have some well-defined way of referencing a part of an object. TODO: this design is not final and this field is subject to change in the future.",

```

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

```

```

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

```

1.17.2.2. Query all DiscoveredClusters

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

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

1.17.2.3.3. 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 <code>discoveredclusters</code> .	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>	<code>DiscoveredClusterSpec</code> defines the desired state of <code>DiscoveredCluster</code> .	See <i>List of specs</i>

1.17.3.2. List of specs

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

Name	Description	Schema
console <i>optional</i>	Discoveredclusters console URL endpoint.	string
creationTimestamp <i>optional</i>	Discoveredclusters creation timestamp.	metav1.time
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