



# Red Hat Advanced Cluster Management for Kubernetes 2.4

APIs





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## Abstract

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

# Table of Contents

<b>CHAPTER 1. APIS</b>	<b>13</b>
1.1. CLUSTERS API	13
1.1.1. Overview	13
1.1.1.1. Version information	13
1.1.1.2. Contact information	13
1.1.1.3. License information	14
1.1.1.4. URI scheme	14
1.1.1.5. Tags	14
1.1.1.6. External Docs	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	15
1.1.2.1.5. Tags	15
1.1.2.2. Create a cluster	15
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	16
1.1.2.2.5. Tags	16
1.1.2.2.6. Example HTTP request	16
1.1.2.2.6.1. Request body	16
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	17
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	18
1.1.3. Definitions	18
1.1.3.1. Cluster	18
1.2. CLUSTERSETS API (VIBETA1)	19
1.2.1. Overview	19
1.2.1.1. Version information	19
1.2.1.2. Contact information	19
1.2.1.3. License information	19
1.2.1.4. URI scheme	19
1.2.1.5. Tags	19
1.2.1.6. External Docs	19
1.2.2. Paths	20
1.2.2.1. Query all clustersets	20
1.2.2.1.1. Description	20
1.2.2.1.2. Parameters	20
1.2.2.1.3. Responses	20
1.2.2.1.4. Consumes	20
1.2.2.1.5. Tags	20

1.2.2.2. Create a clusterset	20
1.2.2.2.1. Description	21
1.2.2.2.2. Parameters	21
1.2.2.2.3. Responses	21
1.2.2.2.4. Consumes	21
1.2.2.2.5. Tags	21
1.2.2.2.6. Example HTTP request	21
1.2.2.2.6.1. Request body	21
1.2.2.3. Query a single clusterset	22
1.2.2.3.1. Description	22
1.2.2.3.2. Parameters	22
1.2.2.3.3. Responses	22
1.2.2.3.4. Tags	22
1.2.2.4. Delete a clusterset	22
1.2.2.4.1. Description	22
1.2.2.4.2. Parameters	23
1.2.2.4.3. Responses	23
1.2.2.4.4. Tags	23
1.2.3. Definitions	23
1.2.3.1. Clusterset	23
1.3. CLUSTERSETBINDINGS API (VIBETA1)	24
1.3.1. Overview	24
1.3.1.1. Version information	24
1.3.1.2. Contact information	24
1.3.1.3. License information	24
1.3.1.4. URI scheme	24
1.3.1.5. Tags	24
1.3.1.6. External Docs	24
1.3.2. Paths	24
1.3.2.1. Query all clustersetbindings	24
1.3.2.1.1. Description	24
1.3.2.1.2. Parameters	24
1.3.2.1.3. Responses	25
1.3.2.1.4. Consumes	25
1.3.2.1.5. Tags	25
1.3.2.2. Create a clustersetbinding	25
1.3.2.2.1. Description	25
1.3.2.2.2. Parameters	25
1.3.2.2.3. Responses	26
1.3.2.2.4. Consumes	26
1.3.2.2.5. Tags	26
1.3.2.2.6. Example HTTP request	26
1.3.2.2.6.1. Request body	26
1.3.2.3. Query a single clustersetbinding	27
1.3.2.3.1. Description	27
1.3.2.3.2. Parameters	27
1.3.2.3.3. Responses	27
1.3.2.3.4. Tags	27
1.3.2.4. Delete a clustersetbinding	27
1.3.2.4.1. Description	28
1.3.2.4.2. Parameters	28
1.3.2.4.3. Responses	28
1.3.2.4.4. Tags	28

1.3.3. Definitions	28
1.3.3.1. Clustersetbinding	28
1.4. CLUSTERVIEW API (VIALPHA1)	29
1.4.1. Overview	29
1.4.1.1. Version information	29
1.4.1.2. Contact information	29
1.4.1.3. License information	29
1.4.1.4. URI scheme	29
1.4.1.5. Tags	30
1.4.1.6. External Docs	30
1.4.2. Paths	30
1.4.2.1. Get managed clusters	30
1.4.2.1.1. Description	30
1.4.2.1.2. Parameters	30
1.4.2.1.3. Responses	30
1.4.2.1.4. Consumes	30
1.4.2.1.5. Tags	30
1.4.2.2. List managed clusters	31
1.4.2.2.1. Description	31
1.4.2.2.2. Parameters	31
1.4.2.2.3. Responses	31
1.4.2.2.4. Consumes	31
1.4.2.2.5. Tags	31
1.4.2.2.6. Example HTTP request	31
1.4.2.2.6.1. Request body	31
1.4.2.3. Watch the managed cluster sets	32
1.4.2.3.1. Description	32
1.4.2.3.2. Parameters	32
1.4.2.3.3. Responses	32
1.4.2.4. List the managed cluster sets.	32
1.4.2.4.1. Description	33
1.4.2.4.2. Parameters	33
1.4.2.4.3. Responses	33
1.4.2.5. List the managed cluster sets.	33
1.4.2.5.1. Description	33
1.4.2.5.2. Parameters	33
1.4.2.5.3. Responses	34
1.4.2.6. Watch the managed cluster sets.	34
1.4.2.6.1. Description	34
1.4.2.6.2. Parameters	34
1.4.2.6.3. Responses	34
1.5. CHANNELS API	35
1.5.1. Overview	35
1.5.1.1. Version information	35
1.5.1.2. Contact information	35
1.5.1.3. License information	35
1.5.1.4. URI scheme	35
1.5.1.5. Tags	35
1.5.1.6. External Docs	35
1.5.2. Paths	35
1.5.2.1. Create a channel	36
1.5.2.1.1. Description	36
1.5.2.1.2. Parameters	36

1.5.2.1.3. Responses	36
1.5.2.1.4. Consumes	36
1.5.2.1.5. Tags	36
1.5.2.1.6. Example HTTP request	36
1.5.2.1.6.1. Request body	36
1.5.2.2. Query all channels for the target namespace	37
1.5.2.2.1. Description	37
1.5.2.2.2. Parameters	37
1.5.2.2.3. Responses	37
1.5.2.2.4. Consumes	38
1.5.2.2.5. Tags	38
1.5.2.3. Query a single channels of a namespace	38
1.5.2.3.1. Description	38
1.5.2.3.2. Parameters	38
1.5.2.3.3. Responses	38
1.5.2.3.4. Tags	38
1.5.2.4. Delete a Channel	39
1.5.2.4.1. Parameters	39
1.5.2.4.2. Responses	39
1.5.2.4.3. Tags	39
1.5.3. Definitions	39
1.5.3.1. Channel	39
1.6. SUBSCRIPTIONS API	43
1.6.1. Overview	43
1.6.1.1. Version information	43
1.6.1.2. Contact information	43
1.6.1.3. License information	43
1.6.1.4. URI scheme	44
1.6.1.5. Tags	44
1.6.1.6. External Docs	44
1.6.2. Paths	44
1.6.2.1. Create a subscription	44
1.6.2.1.1. Description	44
1.6.2.1.2. Parameters	44
1.6.2.1.3. Responses	44
1.6.2.1.4. Consumes	45
1.6.2.1.5. Tags	45
1.6.2.1.6. Example HTTP request	45
1.6.2.1.6.1. Request body	45
1.6.2.2. Query all subscriptions	46
1.6.2.2.1. Description	46
1.6.2.2.2. Parameters	46
1.6.2.2.3. Responses	46
1.6.2.2.4. Consumes	46
1.6.2.2.5. Tags	47
1.6.2.3. Query a single subscription	47
1.6.2.3.1. Description	47
1.6.2.3.2. Parameters	47
1.6.2.3.3. Responses	47
1.6.2.3.4. Tags	47
1.6.2.4. Delete a subscription	48
1.6.2.4.1. Parameters	48
1.6.2.4.2. Responses	48



1.6.2.4.3. Tags	48
1.6.3. Definitions	48
1.6.3.1. Subscription	48
1.7. PLACEMENTRULES API	54
1.7.1. Overview	54
1.7.1.1. Version information	54
1.7.1.2. Contact information	54
1.7.1.3. License information	54
1.7.1.4. URI scheme	54
1.7.1.5. Tags	54
1.7.1.6. External Docs	54
1.7.2. Paths	55
1.7.2.1. Create a placement rule	55
1.7.2.1.1. Description	55
1.7.2.1.2. Parameters	55
1.7.2.1.3. Responses	55
1.7.2.1.4. Consumes	55
1.7.2.1.5. Tags	55
1.7.2.1.6. Example HTTP request	56
1.7.2.1.6.1. Request body	56
1.7.2.2. Query all placement rules	56
1.7.2.2.1. Description	56
1.7.2.2.2. Parameters	56
1.7.2.2.3. Responses	56
1.7.2.2.4. Consumes	57
1.7.2.2.5. Tags	57
1.7.2.3. Query a single placementrule	57
1.7.2.3.1. Description	57
1.7.2.3.2. Parameters	57
1.7.2.3.3. Responses	57
1.7.2.3.4. Tags	58
1.7.2.4. Delete a placementrule	58
1.7.2.4.1. Parameters	58
1.7.2.4.2. Responses	58
1.7.2.4.3. Tags	59
1.7.3. Definitions	59
1.7.3.1. Placementrule	59
1.8. APPLICATIONS API	61
1.8.1. Overview	61
1.8.1.1. Version information	61
1.8.1.2. Contact information	61
1.8.1.3. License information	61
1.8.1.4. URI scheme	62
1.8.1.5. Tags	62
1.8.1.6. External Docs	62
1.8.2. Paths	62
1.8.2.1. Create a application	62
1.8.2.1.1. Description	62
1.8.2.1.2. Parameters	62
1.8.2.1.3. Responses	62
1.8.2.1.4. Consumes	63
1.8.2.1.5. Tags	63
1.8.2.1.6. Example HTTP request	63

1.8.2.1.6.1. Request body	63
1.8.2.2. Query all applications	63
1.8.2.2.1. Description	63
1.8.2.2.2. Parameters	64
1.8.2.2.3. Responses	64
1.8.2.2.4. Consumes	64
1.8.2.2.5. Tags	64
1.8.2.3. Query a single application	64
1.8.2.3.1. Description	64
1.8.2.3.2. Parameters	64
1.8.2.3.3. Responses	65
1.8.2.3.4. Tags	65
1.8.2.4. Delete a application	65
1.8.2.4.1. Parameters	65
1.8.2.4.2. Responses	66
1.8.2.4.3. Tags	66
1.8.3. Definitions	66
1.8.3.1. Application	66
1.9. HELM API	72
1.9.1. Overview	72
1.9.1.1. Version information	72
1.9.1.2. Contact information	72
1.9.1.3. License information	72
1.9.1.4. URI scheme	72
1.9.1.5. Tags	73
1.9.1.6. External Docs	73
1.9.2. Paths	73
1.9.2.1. Create a helmrelease	73
1.9.2.1.1. Description	73
1.9.2.1.2. Parameters	73
1.9.2.1.3. Responses	73
1.9.2.1.4. Consumes	74
1.9.2.1.5. Tags	74
1.9.2.1.6. Example HTTP request	74
1.9.2.1.6.1. Request body	74
1.9.2.2. Query all helmreleases	74
1.9.2.2.1. Description	74
1.9.2.2.2. Parameters	74
1.9.2.2.3. Responses	75
1.9.2.2.4. Consumes	75
1.9.2.2.5. Tags	75
1.9.2.3. Query a single helmrelease	75
1.9.2.3.1. Description	75
1.9.2.3.2. Parameters	75
1.9.2.3.3. Responses	76
1.9.2.3.4. Tags	76
1.9.2.4. Delete a helmrelease	76
1.9.2.4.1. Parameters	76
1.9.2.4.2. Responses	77
1.9.2.4.3. Tags	77
1.9.3. Definitions	77
1.9.3.1. HelmRelease	77
1.10. POLICY API	81

1.10.1. Overview	81
1.10.1.1. Version information	81
1.10.1.2. Contact information	81
1.10.1.3. License information	81
1.10.1.4. URI scheme	81
1.10.1.5. Tags	81
1.10.1.6. External Docs	81
1.10.2. Paths	81
1.10.2.1. Create a policy	81
1.10.2.1.1. Description	82
1.10.2.1.2. Parameters	82
1.10.2.1.3. Responses	82
1.10.2.1.4. Consumes	82
1.10.2.1.5. Tags	82
1.10.2.1.6. Example HTTP request	82
1.10.2.1.6.1. Request body	82
1.10.2.2. Query all policies	84
1.10.2.2.1. Description	84
1.10.2.2.2. Parameters	84
1.10.2.2.3. Responses	85
1.10.2.2.4. Consumes	85
1.10.2.2.5. Tags	85
1.10.2.3. Query a single policy	85
1.10.2.3.1. Description	85
1.10.2.3.2. Parameters	85
1.10.2.3.3. Responses	85
1.10.2.3.4. Tags	86
1.10.2.4. Delete a policy	86
1.10.2.4.1. Parameters	86
1.10.2.4.2. Responses	86
1.10.2.4.3. Tags	87
1.10.3. Definitions	87
1.10.3.1. Policy	87
1.11. OBSERVABILITY API	88
1.11.1. Overview	88
1.11.1.1. Version information	89
1.11.1.2. Contact information	89
1.11.1.3. License information	89
1.11.1.4. URI scheme	89
1.11.1.5. Tags	89
1.11.1.6. External Docs	89
1.11.2. Paths	89
1.11.2.1. Create a multiclusterobservability resource	89
1.11.2.1.1. Description	89
1.11.2.1.2. Parameters	89
1.11.2.1.3. Responses	90
1.11.2.1.4. Consumes	90
1.11.2.1.5. Tags	90
1.11.2.1.6. Example HTTP request	90
1.11.2.1.6.1. Request body	90
1.11.2.2. Query all multiclusterobservabilities	90
1.11.2.2.1. Description	90
1.11.2.2.2. Parameters	91

1.11.2.2.3. Responses	91
1.11.2.2.4. Consumes	91
1.11.2.2.5. Tags	91
1.11.2.3. Query a single multiclusterobservability	91
1.11.2.3.1. Description	91
1.11.2.3.2. Parameters	91
1.11.2.3.3. Responses	92
1.11.2.3.4. Tags	92
1.11.2.4. Delete a multiclusterobservability resource	92
1.11.2.4.1. Parameters	92
1.11.2.4.2. Responses	92
1.11.2.4.3. Tags	93
1.11.3. Definitions	93
1.11.3.1. MultiClusterObservability	93
1.12. SEARCH CUSTOMIZATION API	98
1.12.1. Overview	98
1.12.1.1. Version information	98
1.12.1.2. Contact information	98
1.12.1.3. License information	99
1.12.1.4. URI scheme	99
1.12.1.5. Tags	99
1.12.1.6. External Docs	99
1.12.2. Paths	99
1.12.2.1. Create a searchCustomization	99
1.12.2.1.1. Description	99
1.12.2.1.2. Parameters	99
1.12.2.1.3. Responses	99
1.12.2.1.4. Consumes	100
1.12.2.1.5. Tags	100
1.12.2.1.6. Example HTTP request	100
1.12.2.1.6.1. Request body	100
1.12.2.2. Query searchCustomization	102
1.12.2.2.1. Description	102
1.12.2.2.2. Parameters	102
1.12.2.2.3. Responses	102
1.12.2.2.4. Consumes	102
1.12.2.2.5. Tags	102
1.12.2.3. Query a single policy	103
1.12.2.3.1. Description	103
1.12.2.3.2. Parameters	103
1.12.2.3.3. Responses	103
1.12.2.3.4. Tags	103
1.12.2.4. Delete a searchCustomization	103
1.12.2.4.1. Parameters	104
1.12.2.4.2. Responses	104
1.12.2.4.3. Tags	104
1.12.3. Definitions	104
1.12.3.1. SearchCustomization	104
1.13. MULTICLUSTERHUB API	106
1.13.1. Overview	106
1.13.1.1. Version information	106
1.13.1.2. Contact information	106
1.13.1.3. License information	106

1.13.1.4. URI scheme	106
1.13.1.5. Tags	106
1.13.1.6. External Docs	106
1.13.2. Paths	106
1.13.2.1. Create a MultiClusterHub resource	107
1.13.2.1.1. Description	107
1.13.2.1.2. Parameters	107
1.13.2.1.3. Responses	107
1.13.2.1.4. Consumes	107
1.13.2.1.5. Tags	107
1.13.2.1.6. Example HTTP request	107
1.13.2.1.6.1. Request body	107
1.13.2.2. Query all MultiClusterHubs	114
1.13.2.2.1. Description	114
1.13.2.2.2. Parameters	114
1.13.2.2.3. Responses	114
1.13.2.2.4. Consumes	115
1.13.2.2.5. Tags	115
1.13.2.3. Query a MultiClusterHub operator	115
1.13.2.3.1. Description	115
1.13.2.3.2. Parameters	115
1.13.2.3.3. Responses	115
1.13.2.3.4. Tags	116
1.13.2.4. Delete a MultiClusterHub operator	116
1.13.2.4.1. Parameters	116
1.13.2.4.2. Responses	116
1.13.2.4.3. Tags	117
1.13.3. Definitions	117
1.13.3.1. Multicluster hub operator	117
1.14. PLACEMENTS API (V1ALPHA1)	122
1.14.1. Overview	122
1.14.1.1. Version information	122
1.14.1.2. Contact information	122
1.14.1.3. License information	122
1.14.1.4. URI scheme	122
1.14.1.5. Tags	122
1.14.1.6. External Docs	122
1.14.2. Paths	122
1.14.2.1. Query all Placements	122
1.14.2.1.1. Description	122
1.14.2.1.2. Parameters	122
1.14.2.1.3. Responses	123
1.14.2.1.4. Consumes	123
1.14.2.1.5. Tags	123
1.14.2.2. Create a Placement	123
1.14.2.2.1. Description	123
1.14.2.2.2. Parameters	123
1.14.2.2.3. Responses	123
1.14.2.2.4. Consumes	124
1.14.2.2.5. Tags	124
1.14.2.2.6. Example HTTP request	124
1.14.2.2.6.1. Request body	124
1.14.2.3. Query a single Placement	124

1.14.2.3.1. Description	125
1.14.2.3.2. Parameters	125
1.14.2.3.3. Responses	125
1.14.2.3.4. Tags	125
1.14.2.4. Delete a Placement	125
1.14.2.4.1. Description	125
1.14.2.4.2. Parameters	125
1.14.2.4.3. Responses	126
1.14.2.4.4. Tags	126
1.14.3. Definitions	126
1.14.3.1. Placement	126
1.15. PLACEMENTDECISIONS API (V1ALPHA1)	128
1.15.1. Overview	128
1.15.1.1. Version information	128
1.15.1.2. Contact information	128
1.15.1.3. License information	128
1.15.1.4. URI scheme	128
1.15.1.5. Tags	128
1.15.1.6. External Docs	128
1.15.2. Paths	128
1.15.2.1. Query all PlacementDecisions	128
1.15.2.1.1. Description	128
1.15.2.1.2. Parameters	129
1.15.2.1.3. Responses	129
1.15.2.1.4. Consumes	129
1.15.2.1.5. Tags	129
1.15.2.2. Create a PlacementDecision	129
1.15.2.2.1. Description	129
1.15.2.2.2. Parameters	129
1.15.2.2.3. Responses	130
1.15.2.2.4. Consumes	130
1.15.2.2.5. Tags	130
1.15.2.2.6. Example HTTP request	130
1.15.2.2.6.1. Request body	130
1.15.2.3. Query a single PlacementDecision	130
1.15.2.3.1. Description	131
1.15.2.3.2. Parameters	131
1.15.2.3.3. Responses	131
1.15.2.3.4. Tags	131
1.15.2.4. Delete a PlacementDecision	131
1.15.2.4.1. Description	131
1.15.2.4.2. Parameters	131
1.15.2.4.3. Responses	132
1.15.2.4.4. Tags	132
1.15.3. Definitions	132
1.15.3.1. PlacementDecision	132
1.16. DISCOVERYCONFIG API	132
1.16.1. Overview	132
1.16.1.1. Version information	133
1.16.1.2. Contact information	133
1.16.1.3. License information	133
1.16.1.4. URI scheme	133
1.16.1.5. Tags	133

1.16.1.6. External Docs	133
1.16.2. Paths	133
1.16.2.1. Create a DiscoveryConfig	133
1.16.2.1.1. Description	133
1.16.2.1.2. Parameters	133
1.16.2.1.3. Responses	134
1.16.2.1.4. Consumes	134
1.16.2.1.5. Tags	134
1.16.2.1.5.1. Request body	134
1.16.2.2. Query all DiscoveryConfigs	136
1.16.2.2.1. Description	136
1.16.2.2.2. Parameters	136
1.16.2.2.3. Responses	136
1.16.2.2.4. Consumes	137
1.16.2.2.5. Tags	137
1.16.2.3. Delete a DiscoveryConfig operator	137
1.16.2.3.1. Parameters	137
1.16.2.3.2. Responses	137
1.16.2.3.3. Tags	138
1.16.3. Definitions	138
1.16.3.1. DiscoveryConfig	138
1.16.3.2. List of specs	138
1.16.3.3. List of filters	138
1.17. DISCOVEREDCLUSTER API	139
1.17.1. Overview	139
1.17.1.1. Version information	139
1.17.1.2. Contact information	139
1.17.1.3. License information	139
1.17.1.4. URI scheme	139
1.17.1.5. Tags	139
1.17.1.6. External Docs	139
1.17.2. Paths	139
1.17.2.1. Create a DiscoveredCluster	139
1.17.2.1.1. Description	140
1.17.2.1.2. Parameters	140
1.17.2.1.3. Responses	140
1.17.2.1.4. Consumes	140
1.17.2.1.5. Tags	140
1.17.2.1.5.1. Request body	140
1.17.2.2. Query all DiscoveredClusters	144
1.17.2.2.1. Description	144
1.17.2.2.2. Parameters	144
1.17.2.2.3. Responses	144
1.17.2.2.4. Consumes	144
1.17.2.2.5. Tags	144
1.17.2.3. Delete a DiscoveredCluster operator	145
1.17.2.3.1. Parameters	145
1.17.2.3.2. Responses	145
1.17.2.3.3. Tags	145
1.17.3. Definitions	145
1.17.3.1. DiscoveredCluster	145
1.17.3.2. List of specs	146





## CHAPTER 1. APIS

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

**User required access:** You can only perform actions that your role is assigned. Learn about access requirements from the [Role-based access control](#) documentation.

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

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

### 1.1. CLUSTERS API

#### 1.1.1. Overview

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

##### 1.1.1.1. Version information

*Version* : 2.4.0

##### 1.1.1.2. Contact information

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

### 1.1.1.3. License information

License : Apache 2.0

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

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

### 1.1.1.4. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

### 1.1.1.5. Tags

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

### 1.1.1.6. External Docs

Description : Find out more about Swagger.

URL : <http://swagger.io>

## 1.1.2. Paths

### 1.1.2.1. Query all clusters

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

#### 1.1.2.1.1. Description

Query your clusters for more details.

#### 1.1.2.1.2. Parameters

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

#### 1.1.2.1.3. Responses

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

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

#### 1.1.2.1.4. Consumes

- **cluster/yaml**

#### 1.1.2.1.5. Tags

- cluster.open-cluster-management.io

### 1.1.2.2. Create a cluster

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

#### 1.1.2.2.1. Description

Create a cluster

#### 1.1.2.2.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token.	string
Body	<b>body</b> <i>required</i>	Parameters describing the cluster to be created.	<a href="#">Cluster</a>

#### 1.1.2.2.3. Responses

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

HTTP Code	Description	Schema
503	Service unavailable	No Content

#### 1.1.2.2.4. Consumes

- **cluster/yaml**

#### 1.1.2.2.5. Tags

- cluster.open-cluster-management.io

#### 1.1.2.2.6. Example HTTP request

##### 1.1.2.2.6.1. Request body

```
{
  "apiVersion" : "cluster.open-cluster-management.io/v1",
  "kind" : "ManagedCluster",
  "metadata" : {
    "labels" : {
      "vendor" : "OpenShift"
    },
    "name" : "cluster1"
  },
  "spec": {
    "hubAcceptsClient": true,
    "managedClusterClientConfigs": [
      {
        "caBundle": "test",
        "url": "https://test.com"
      }
    ]
  },
  "status" : { }
}
```

#### 1.1.2.3. Query a single cluster

```
GET /cluster.open-cluster-management.io/v1/managedclusters/{cluster_name}
```

##### 1.1.2.3.1. Description

Query a single cluster for more details.

##### 1.1.2.3.2. Parameters

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

#### 1.1.2.3.3. Responses

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

#### 1.1.2.3.4. Tags

- cluster.open-cluster-management.io

#### 1.1.2.4. Delete a cluster

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

##### 1.1.2.4.1. Description

Delete a single cluster

##### 1.1.2.4.2. Parameters

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

##### 1.1.2.4.3. Responses

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

#### 1.1.2.4.4. Tags

- [cluster.open-cluster-management.io](https://cluster.open-cluster-management.io)

### 1.1.3. Definitions

#### 1.1.3.1. Cluster

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

#### spec

Name	Schema
<b>hubAcceptsClient</b> <i>required</i>	bool
<b>managedClusterClientConfigs</b> <i>optional</i>	<a href="#">managedClusterClientConfigs</a> array

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

## managedClusterClientConfigs

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

## 1.2. CLUSTERSETS API (V1BETA1)

### 1.2.1. Overview

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

#### 1.2.1.1. Version information

*Version* : 2.4.0

#### 1.2.1.2. Contact information

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

#### 1.2.1.3. License information

*License* : Apache 2.0

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

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

#### 1.2.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.2.1.5. Tags

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

#### 1.2.1.6. External Docs

*Description* : Find out more about Swagger.

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

## 1.2.2. Paths

### 1.2.2.1. Query all clustersets

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

#### 1.2.2.1.3. Responses

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

#### 1.2.2.1.4. Consumes

- **clusterset/yaml**

#### 1.2.2.1.5. Tags

- cluster.open-cluster-management.io

### 1.2.2.2. Create a clusterset

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



### 1.2.2.2.1. Description

Create a Clusterset.

### 1.2.2.2.2. Parameters

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

### 1.2.2.2.3. Responses

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

### 1.2.2.2.4. Consumes

- **clusterset/yaml**

### 1.2.2.2.5. Tags

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

### 1.2.2.2.6. Example HTTP request

#### 1.2.2.2.6.1. Request body

```
{
  "apiVersion" : "cluster.open-cluster-management.io/v1beta1",
  "kind" : "ManagedClusterSet",
  "metadata" : {
    "name" : "clusterset1"
  },
}
```

```
"spec": {},
"status": {}
}
```

### 1.2.2.3. Query a single clusterset

GET /cluster.open-cluster-management.io/v1beta1/managedclustersets/{clusterset\_name}

#### 1.2.2.3.1. Description

Query a single clusterset for more details.

#### 1.2.2.3.2. Parameters

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

#### 1.2.2.3.3. Responses

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

#### 1.2.2.3.4. Tags

- cluster.open-cluster-management.io

### 1.2.2.4. Delete a clusterset

DELETE /cluster.open-cluster-management.io/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	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token.	string
Path	<b>clusterset_name</b> <i>required</i>	Name of the clusterset that you want to delete.	string

#### 1.2.2.4.3. Responses

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

#### 1.2.2.4.4. Tags

- cluster.open-cluster-management.io

### 1.2.3. Definitions

#### 1.2.3.1. Clusterset

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

## 1.3. CLUSTERSETBINDINGS API (V1BETA1)

### 1.3.1. Overview

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

#### 1.3.1.1. Version information

*Version* : 2.4.0

#### 1.3.1.2. Contact information

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

#### 1.3.1.3. License information

*License* : Apache 2.0

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

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

#### 1.3.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.3.1.5. Tags

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

#### 1.3.1.6. External Docs

*Description* : Find out more about Swagger.

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

### 1.3.2. Paths

#### 1.3.2.1. Query all clustersetbindings

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

### 1.3.2.1.3. Responses

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

### 1.3.2.1.4. Consumes

- **clustersetbinding/yaml**

### 1.3.2.1.5. Tags

- cluster.open-cluster-management.io

## 1.3.2.2. Create a clustersetbinding

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

### 1.3.2.2.1. Description

Create a clustersetbinding.

### 1.3.2.2.2. Parameters

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

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

### 1.3.2.2.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
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	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string
Path	<b>clustersetbinding_name</b> <i>required</i>	Name of the clustersetbinding that you want to query.	string

#### 1.3.2.3.3. Responses

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

#### 1.3.2.3.4. Tags

- cluster.open-cluster-management.io

### 1.3.2.4. Delete a clustersetbinding

**DELETE** /cluster.open-cluster-management.io/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	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string
Path	<b>clustersetbinding_name</b> <i>required</i>	Name of the clustersetbinding that you want to delete.	string

#### 1.3.2.4.3. Responses

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

#### 1.3.2.4.4. Tags

- cluster.open-cluster-management.io

### 1.3.3. Definitions

#### 1.3.3.1. Clustersetbinding



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

### spec

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

## 1.4. CLUSTERVIEW API (V1ALPHA1)

### 1.4.1. Overview

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

#### 1.4.1.1. Version information

*Version* : 2.4.0

#### 1.4.1.2. Contact information

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

#### 1.4.1.3. License information

*License* : Apache 2.0

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

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

#### 1.4.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

### 1.4.1.5. Tags

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

### 1.4.1.6. External Docs

*Description* : Find out more about Swagger.

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

## 1.4.2. Paths

### 1.4.2.1. Get managed clusters

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

#### 1.4.2.1.1. Description

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

#### 1.4.2.1.2. Parameters

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

#### 1.4.2.1.3. Responses

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

#### 1.4.2.1.4. Consumes

- `managedcluster/yaml`

#### 1.4.2.1.5. Tags

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

### 1.4.2.2. List managed clusters

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

#### 1.4.2.2.1. Description

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

#### 1.4.2.2.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN}; ACCESS_TOKEN is the user access token.	string
Body	<b>body</b> <i>optional</i>	Name of the user ID for which you want to list the managed clusters.	string

#### 1.4.2.2.3. Responses

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

#### 1.4.2.2.4. Consumes

- **managedcluster/yaml**

#### 1.4.2.2.5. Tags

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

#### 1.4.2.2.6. Example HTTP request

##### 1.4.2.2.6.1. Request body

```
{
```

```

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

```

### 1.4.2.3. Watch the managed cluster sets

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

#### 1.4.2.3.1. Description

Watch the managed clusters that you can access.

#### 1.4.2.3.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token.	string
Path	<b>clusterview_name</b> <i>optional</i>	Name of the user ID that you want to watch.	string

#### 1.4.2.3.3. Responses

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

### 1.4.2.4. List the managed cluster sets.

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

#### 1.4.2.4.1. Description

List the managed clusters that you can access.

#### 1.4.2.4.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token.	string
Path	<b>clusterview_name</b> <i>optional</i>	Name of the user ID that you want to watch.	string

#### 1.4.2.4.3. Responses

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

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

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

#### 1.4.2.5.1. Description

List the managed clusters that you can access.

#### 1.4.2.5.2. Parameters

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

Type	Name	Description	Schema
Path	<b>clusterview_name</b> <i>optional</i>	Name of the user ID that you want to watch.	string

#### 1.4.2.5.3. Responses

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

#### 1.4.2.6. Watch the managed cluster sets.

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

##### 1.4.2.6.1. Description

Watch the managed clusters that you can access.

##### 1.4.2.6.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token.	string
Path	<b>clusterview_name</b> <i>optional</i>	Name of the user ID that you want to watch.	string

##### 1.4.2.6.3. Responses

HTTP Code	Description	Schema
200	Success	No Content

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. CHANNELS API

### 1.5.1. Overview

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

#### 1.5.1.1. Version information

*Version* : 2.4.0

#### 1.5.1.2. Contact information

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

#### 1.5.1.3. License information

*License* : Apache 2.0

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

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

#### 1.5.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.5.1.5. Tags

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

#### 1.5.1.6. External Docs

*Description* : Find out more about Swagger.

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

### 1.5.2. Paths

### 1.5.2.1. Create a channel

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

#### 1.5.2.1.1. Description

Create a channel.

#### 1.5.2.1.2. Parameters

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

#### 1.5.2.1.3. Responses

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

#### 1.5.2.1.4. Consumes

- **application/yaml**

#### 1.5.2.1.5. Tags

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

#### 1.5.2.1.6. Example HTTP request

##### 1.5.2.1.6.1. Request body



```

{
  "apiVersion": "apps.open-cluster-management.io/v1",
  "kind": "Channel",
  "metadata": {
    "name": "sample-channel",
    "namespace": "default"
  },
  "spec": {
    "configMapRef": {
      "kind": "configmap",
      "name": "bookinfo-resource-filter-configmap"
    },
    "pathname": "https://charts.helm.sh/stable",
    "type": "HelmRepo"
  }
}

```

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

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

#### 1.5.2.2.1. Description

Query your channels for more details.

#### 1.5.2.2.2. Parameters

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

#### 1.5.2.2.3. Responses

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

#### 1.5.2.2.4. Consumes

- **application/yaml**

#### 1.5.2.2.5. Tags

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

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

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

#### 1.5.2.3.1. Description

Query a single channels for more details.

#### 1.5.2.3.2. Parameters

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

#### 1.5.2.3.3. Responses

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

#### 1.5.2.3.4. Tags

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

### 1.5.2.4. Delete a Channel

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

#### 1.5.2.4.1. Parameters

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

#### 1.5.2.4.2. Responses

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

#### 1.5.2.4.3. Tags

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

### 1.5.3. Definitions

#### 1.5.3.1. Channel

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

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

**spec**

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

**configMapRef**

Name	Description	Schema
<b>apiVersion</b> <i>optional</i>	API version of the referent.	string

Name	Description	Schema
<b>fieldPath</b> <i>optional</i>	If referring to a piece of an object instead of an entire object, this string should contain a valid JSON/Go field access statement, such as <code>desiredState.manifest.containers[2]</code> . For example, if the object reference is to a container within a pod, this would take on a value like: <code>"spec.containers{name}"</code> (where "name" refers to the name of the container that triggered the event) or if no container name is specified <code>"spec.containers[2]"</code> (container with index 2 in this pod). This syntax is chosen only to have some well-defined way of referencing a part of an object. TODO: this design is not final and this field is subject to change in the future.	string
<b>kind</b> <i>optional</i>	Kind of the referent. More info: <a href="https://git.k8s.io/community/contributors/devel/api-conventions.md#types-kinds">https://git.k8s.io/community/contributors/devel/api-conventions.md#types-kinds</a>	string
<b>name</b> <i>optional</i>	Name of the referent. More info: <a href="#">Names</a>	string
<b>namespace</b> <i>optional</i>	Namespace of the referent. More info: <a href="https://kubernetes.io/docs/concepts/overview/working-with-objects/namespaces/">https://kubernetes.io/docs/concepts/overview/working-with-objects/namespaces/</a>	string
<b>resourceVersion</b> <i>optional</i>	Specific resourceVersion to which this reference is made, if any. More info: <a href="https://git.k8s.io/community/contributors/devel/api-conventions.md#currency-control-and-consistency">https://git.k8s.io/community/contributors/devel/api-conventions.md#currency-control-and-consistency</a>	string
<b>uid</b> <i>optional</i>	UID of the referent. More info: <a href="#">UIDs</a>	string

## gates

Name	Description	Schema
<b>annotations</b> <i>optional</i>	typical annotations of k8s	<a href="#">annotations</a>
<b>labelSelector</b> <i>optional</i>	A label selector is a label query over a set of resources. The result of <code>matchLabels</code> and <code>matchExpressions</code> are ANDed. An empty label selector matches all objects. A null label selector matches no objects.	<a href="#">labelSelector</a>
<b>name</b> <i>optional</i>		string

## annotations

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

## labelSelector

Name	Description	Schema
<b>matchExpressions</b> <i>optional</i>	matchExpressions is a list of label selector requirements. The requirements are ANDed.	<a href="#">matchExpressions</a> array
<b>matchLabels</b> <i>optional</i>	matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.	string, string map

## matchExpressions

Name	Description	Schema
<b>key</b> <i>required</i>	key is the label key that the selector applies to.	string
<b>operator</b> <i>required</i>	operator represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists and DoesNotExist.	string
<b>values</b> <i>optional</i>	values is an array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. This array is replaced during a strategic merge patch.	string array

## secretRef

Name	Description	Schema
<b>apiVersion</b> <i>optional</i>	API version of the referent.	string

Name	Description	Schema
<b>fieldPath</b> <i>optional</i>	If referring to a piece of an object instead of an entire object, this string should contain a valid JSON/Go field access statement, such as <code>desiredState.manifest.containers[2]</code> . For example, if the object reference is to a container within a pod, this would take on a value like: <code>"spec.containers{name}"</code> (where "name" refers to the name of the container that triggered the event) or if no container name is specified <code>"spec.containers[2]"</code> (container with index 2 in this pod). This syntax is chosen only to have some well-defined way of referencing a part of an object. TODO: this design is not final and this field is subject to change in the future.	string
<b>kind</b> <i>optional</i>	Kind of the referent. More info: <a href="https://git.k8s.io/community/contributors/devel/api-conventions.md#types-kinds">https://git.k8s.io/community/contributors/devel/api-conventions.md#types-kinds</a>	string
<b>name</b> <i>optional</i>	Name of the referent. More info: <a href="#">Names</a>	string
<b>namespace</b> <i>optional</i>	Namespace of the referent. More info: <a href="https://kubernetes.io/docs/concepts/overview/working-with-objects/namespaces/">https://kubernetes.io/docs/concepts/overview/working-with-objects/namespaces/</a>	string
<b>resourceVersion</b> <i>optional</i>	Specific resourceVersion to which this reference is made, if any. More info: <a href="https://git.k8s.io/community/contributors/devel/api-conventions.md#concurrency-control-and-consistency">https://git.k8s.io/community/contributors/devel/api-conventions.md#concurrency-control-and-consistency</a>	string
<b>uid</b> <i>optional</i>	UID of the referent. More info: <a href="#">UIDs</a>	string

## 1.6. SUBSCRIPTIONS API

### 1.6.1. Overview

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

#### 1.6.1.1. Version information

Version : 2.4.0

#### 1.6.1.2. Contact information

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

#### 1.6.1.3. License information

License : Apache 2.0

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

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

### 1.6.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

### 1.6.1.5. Tags

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

### 1.6.1.6. External Docs

*Description* : Find out more about Swagger.

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

## 1.6.2. Paths

### 1.6.2.1. Create a subscription

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

#### 1.6.2.1.1. Description

Create a subscription.

#### 1.6.2.1.2. Parameters

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

#### 1.6.2.1.3. Responses

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



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

#### 1.6.2.1.4. Consumes

- **subscription/yaml**

#### 1.6.2.1.5. Tags

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

#### 1.6.2.1.6. Example HTTP request

##### 1.6.2.1.6.1. Request body

```
{
  "apiVersion" : "apps.open-cluster-management.io/v1",
  "kind" : "Subscription",
  "metadata" : {
    "name" : "sample_subscription",
    "namespace" : "default",
    "labels" : {
      "app" : "sample_subscription-app"
    },
    "annotations" : {
      "apps.open-cluster-management.io/git-path" : "apps/sample/",
      "apps.open-cluster-management.io/git-branch" : "sample_branch"
    }
  },
  "spec" : {
    "channel" : "channel_namespace/sample_channel",
    "packageOverrides" : [ {
      "packageName" : "my-sample-application",
      "packageAlias" : "the-sample-app",
      "packageOverrides" : [ {
        "path" : "spec",
        "value" : {
          "persistence" : {
            "enabled" : false,
            "useDynamicProvisioning" : false
          },
          "license" : "accept",
          "tls" : {
            "hostname" : "my-mcm-cluster.icp"
          },
          "sso" : {
            "registrationImage" : {
              "pullSecret" : "hub-repo-docker-secret"
            }
          }
        }
      }
    ]
  }
}
```

```
    }
  }
}
}],
"placement": {
  "placementRef": {
    "kind": "PlacementRule",
    "name": "demo-clusters"
  }
}
}
```

1.6.2.2. Query all subscriptions

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

1.6.2.2.1. Description

Query your subscriptions for more details.

1.6.2.2.2. Parameters

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

1.6.2.2.3. Responses

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

1.6.2.2.4. Consumes

- **subscription/yaml**

#### 1.6.2.2.5. Tags

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

#### 1.6.2.3. Query a single subscription

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

##### 1.6.2.3.1. Description

Query a single subscription for more details.

##### 1.6.2.3.2. Parameters

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

##### 1.6.2.3.3. Responses

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

##### 1.6.2.3.4. Tags

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

### 1.6.2.4. Delete a subscription

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

#### 1.6.2.4.1. Parameters

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

#### 1.6.2.4.2. Responses

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

#### 1.6.2.4.3. Tags

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

### 1.6.3. Definitions

#### 1.6.3.1. Subscription

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

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

## metadata

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

## spec

Name	Schema
<b>channel</b> <i>required</i>	string
<b>name</b> <i>optional</i>	string
<b>overrides</b> <i>optional</i>	<a href="#">overrides</a> array
<b>packageFilter</b> <i>optional</i>	<a href="#">packageFilter</a>

Name	Schema
<b>packageOverrides</b> <i>optional</i>	<a href="#">packageOverrides</a> array
<b>placement</b> <i>optional</i>	<a href="#">placement</a>
<b>timewindow</b> <i>optional</i>	<a href="#">timewindow</a>

## overrides

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

## packageFilter

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

## filterRef

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

## labelSelector

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

### matchExpressions

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

### packageOverrides

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

### placement

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

Name	Schema
<b>placementRef</b> <i>optional</i>	<a href="#">placementRef</a>

**clusterSelector**

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

**matchExpressions**

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

**clusters**

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

**placementRef**

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



Name	Schema
<b>kind</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>namespace</b> <i>optional</i>	string
<b>resourceVersion</b> <i>optional</i>	string
<b>uid</b> <i>optional</i>	string

### timewindow

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

### hours

Name	Schema
<b>end</b> <i>optional</i>	string
<b>start</b> <i>optional</i>	string

### status

Name	Schema
<b>lastUpdateTime</b> <i>optional</i>	string (date-time)
<b>message</b> <i>optional</i>	string
<b>phase</b> <i>optional</i>	string
<b>reason</b> <i>optional</i>	string
<b>statuses</b> <i>optional</i>	object

## 1.7. PLACEMENTRULES API

### 1.7.1. Overview

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

#### 1.7.1.1. Version information

*Version* : 2.4.0

#### 1.7.1.2. Contact information

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

#### 1.7.1.3. License information

*License* : Apache 2.0

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

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

#### 1.7.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.7.1.5. Tags

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

#### 1.7.1.6. External Docs

*Description* : Find out more about Swagger.

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

## 1.7.2. Paths

### 1.7.2.1. Create a placement rule

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

#### 1.7.2.1.1. Description

Create a placement rule.

#### 1.7.2.1.2. Parameters

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

#### 1.7.2.1.3. Responses

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

#### 1.7.2.1.4. Consumes

- **application/yaml**

#### 1.7.2.1.5. Tags

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

1.7.2.1.6. Example HTTP request

1.7.2.1.6.1. Request body

```
{
  "apiVersion" : "apps.open-cluster-management.io/v1",
  "kind" : "PlacementRule",
  "metadata" : {
    "name" : "towhichcluster",
    "namespace" : "ns-sub-1"
  },
  "spec" : {
    "clusterConditions" : [ {
      "type": "ManagedClusterConditionAvailable",
      "status": "True"
    } ],
    "clusterSelector" : { }
  }
}
```

1.7.2.2. Query all placement rules

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

1.7.2.2.1. Description

Query your placement rules for more details.

1.7.2.2.2. Parameters

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

1.7.2.2.3. Responses

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

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

#### 1.7.2.2.4. Consumes

- **application/yaml**

#### 1.7.2.2.5. Tags

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

### 1.7.2.3. Query a single placementrule

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

#### 1.7.2.3.1. Description

Query a single placement rule for more details.

#### 1.7.2.3.2. Parameters

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

#### 1.7.2.3.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content

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

#### 1.7.2.3.4. Tags

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

#### 1.7.2.4. Delete a placementrule

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

##### 1.7.2.4.1. Parameters

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

##### 1.7.2.4.2. Responses

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

### 1.7.2.4.3. Tags

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

## 1.7.3. Definitions

### 1.7.3.1. Placementrule

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

#### spec

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

#### clusterConditions

Name	Schema
<b>status</b> <i>optional</i>	string
<b>type</b> <i>optional</i>	string

## clusterSelector

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

## matchExpressions

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

## clusters

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

## policies

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



Name	Schema
<b>fieldPath</b> <i>optional</i>	string
<b>kind</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>namespace</b> <i>optional</i>	string
<b>resourceVersion</b> <i>optional</i>	string
<b>uid</b> <i>optional</i>	string

### resourceHint

Name	Schema
<b>order</b> <i>optional</i>	string
<b>type</b> <i>optional</i>	string

## 1.8. APPLICATIONS API

### 1.8.1. Overview

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

#### 1.8.1.1. Version information

*Version* : 2.4.0

#### 1.8.1.2. Contact information

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

#### 1.8.1.3. License information

License : Apache 2.0

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

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

#### 1.8.1.4. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

#### 1.8.1.5. Tags

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

#### 1.8.1.6. External Docs

Description : Find out more about Swagger.

URL : <http://swagger.io>

### 1.8.2. Paths

#### 1.8.2.1. Create a application

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

##### 1.8.2.1.1. Description

Create a application.

##### 1.8.2.1.2. Parameters

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

##### 1.8.2.1.3. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content

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

#### 1.8.2.1.4. Consumes

- **application/yaml**

#### 1.8.2.1.5. Tags

- applications.app.k8s.io

#### 1.8.2.1.6. Example HTTP request

##### 1.8.2.1.6.1. Request body

```
{
  "apiVersion" : "app.k8s.io/v1beta1",
  "kind" : "Application",
  "metadata" : {
    "labels" : {
      "app" : "nginx-app-details"
    },
    "name" : "nginx-app-3",
    "namespace" : "ns-sub-1"
  },
  "spec" : {
    "componentKinds" : [ {
      "group" : "apps.open-cluster-management.io",
      "kind" : "Subscription"
    } ]
  },
  "selector" : {
    "matchLabels" : {
      "app" : "nginx-app-details"
    }
  },
  "status" : { }
}
```

#### 1.8.2.2. Query all applications

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

##### 1.8.2.2.1. Description

Query your applications for more details.

#### 1.8.2.2.2. Parameters

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

#### 1.8.2.2.3. Responses

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

#### 1.8.2.2.4. Consumes

- **application/yaml**

#### 1.8.2.2.5. Tags

- applications.app.k8s.io

### 1.8.2.3. Query a single application

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

#### 1.8.2.3.1. Description

Query a single application for more details.

#### 1.8.2.3.2. Parameters

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

#### 1.8.2.3.3. Responses

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

#### 1.8.2.3.4. Tags

- applications.app.k8s.io

#### 1.8.2.4. Delete a application

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

##### 1.8.2.4.1. Parameters

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

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

#### 1.8.2.4.2. Responses

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

#### 1.8.2.4.3. Tags

- applications.app.k8s.io

### 1.8.3. Definitions

#### 1.8.3.1. Application

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

**spec**

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

## descriptor

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

## icons

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

## links

Name	Schema
<b>description</b> <i>optional</i>	string
<b>url</b> <i>optional</i>	string

## maintainers

Name	Schema
<b>email</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>url</b> <i>optional</i>	string

## owners

Name	Schema
<b>email</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string



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

## info

Name	Schema
<b>name</b> <i>optional</i>	string
<b>type</b> <i>optional</i>	string
<b>value</b> <i>optional</i>	string
<b>valueFrom</b> <i>optional</i>	<a href="#">valueFrom</a>

## valueFrom

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

## configMapKeyRef

Name	Schema
<b>apiVersion</b> <i>optional</i>	string
<b>fieldPath</b> <i>optional</i>	string
<b>key</b> <i>optional</i>	string
<b>kind</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>namespace</b> <i>optional</i>	string
<b>resourceVersion</b> <i>optional</i>	string
<b>uid</b> <i>optional</i>	string

**ingressRef**

Name	Schema
<b>apiVersion</b> <i>optional</i>	string
<b>fieldPath</b> <i>optional</i>	string
<b>host</b> <i>optional</i>	string
<b>kind</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>namespace</b> <i>optional</i>	string

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

**secretKeyRef**

Name	Schema
<b>apiVersion</b> <i>optional</i>	string
<b>fieldPath</b> <i>optional</i>	string
<b>key</b> <i>optional</i>	string
<b>kind</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>namespace</b> <i>optional</i>	string
<b>resourceVersion</b> <i>optional</i>	string
<b>uid</b> <i>optional</i>	string

**serviceRef**

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

Name	Schema
<b>fieldPath</b> <i>optional</i>	string
<b>kind</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>namespace</b> <i>optional</i>	string
<b>path</b> <i>optional</i>	string
<b>port</b> <i>optional</i>	integer (int32)
<b>resourceVersion</b> <i>optional</i>	string
<b>uid</b> <i>optional</i>	string

## 1.9. HELM API

### 1.9.1. Overview

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

#### 1.9.1.1. Version information

*Version* : 2.4.0

#### 1.9.1.2. Contact information

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

#### 1.9.1.3. License information

*License* : Apache 2.0

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

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

#### 1.9.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

### 1.9.1.5. Tags

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

### 1.9.1.6. External Docs

*Description* : Find out more about Swagger.

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

## 1.9.2. Paths

### 1.9.2.1. Create a helmrelease

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

#### 1.9.2.1.1. Description

Create a helmrelease.

#### 1.9.2.1.2. Parameters

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

#### 1.9.2.1.3. Responses

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

HTTP Code	Description	Schema
503	Service unavailable	No Content

#### 1.9.2.1.4. Consumes

- **application/yaml**

#### 1.9.2.1.5. Tags

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

#### 1.9.2.1.6. Example HTTP request

##### 1.9.2.1.6.1. Request body

```
{
  "apiVersion" : "apps.open-cluster-management.io/v1",
  "kind" : "HelmRelease",
  "metadata" : {
    "name" : "nginx-ingress",
    "namespace" : "default"
  },
  "repo" : {
    "chartName" : "nginx-ingress",
    "source" : {
      "helmRepo" : {
        "urls" : [ "https://kubernetes-charts.storage.googleapis.com/nginx-ingress-1.26.0.tgz" ]
      },
      "type" : "helmrepo"
    },
    "version" : "1.26.0"
  },
  "spec" : {
    "defaultBackend" : {
      "replicaCount" : 3
    }
  }
}
```

#### 1.9.2.2. Query all helmreleases

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

##### 1.9.2.2.1. Description

Query your helmreleases for more details.

##### 1.9.2.2.2. Parameters

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

#### 1.9.2.2.3. Responses

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

#### 1.9.2.2.4. Consumes

- **application/yaml**

#### 1.9.2.2.5. Tags

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

### 1.9.2.3. Query a single helmrelease

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

#### 1.9.2.3.1. Description

Query a single helmrelease for more details.

#### 1.9.2.3.2. Parameters

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

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

### 1.9.2.3.3. Responses

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

### 1.9.2.3.4. Tags

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

### 1.9.2.4. Delete a helmrelease

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

#### 1.9.2.4.1. Parameters

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



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

#### 1.9.2.4.2. Responses

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

#### 1.9.2.4.3. Tags

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

### 1.9.3. Definitions

#### 1.9.3.1. HelmRelease

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

Name	Schema
<b>status</b> <i>required</i>	<a href="#">status</a>

**repo**

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

**configMapRef**

Name	Schema
<b>apiVersion</b> <i>optional</i>	string
<b>fieldPath</b> <i>optional</i>	string
<b>kind</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>namespace</b> <i>optional</i>	string
<b>resourceVersion</b> <i>optional</i>	string

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

**secretRef**

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

**source**

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

**github**

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

**helmRepo**

Name	Schema
<b>urls</b> <i>optional</i>	string array

**status**

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

**conditions**

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

**deployedRelease**

Name	Schema
<b>manifest</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string

**1.10. POLICY API****1.10.1. Overview**

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

**1.10.1.1. Version information**

*Version* : 2.4.0

**1.10.1.2. Contact information**

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

**1.10.1.3. License information**

*License* : Apache 2.0

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

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

**1.10.1.4. URI scheme**

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

**1.10.1.5. Tags**

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

**1.10.1.6. External Docs**

*Description* : Find out more about Swagger.

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

**1.10.2. Paths****1.10.2.1. Create a policy**

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

### 1.10.2.1.1. Description

Create a policy.

### 1.10.2.1.2. Parameters

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

### 1.10.2.1.3. Responses

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

### 1.10.2.1.4. Consumes

- **application/json**

### 1.10.2.1.5. Tags

- policy.open-cluster-management.io

### 1.10.2.1.6. Example HTTP request

#### 1.10.2.1.6.1. Request body

```
{
```

```

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

#### 1.10.2.2. Query all policies

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

#### 1.10.2.2.1. Description

Query your policies for more details.

#### 1.10.2.2.2. Parameters

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



### 1.10.2.2.3. Responses

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

### 1.10.2.2.4. Consumes

- **application/json**

### 1.10.2.2.5. Tags

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

### 1.10.2.3. Query a single policy

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

#### 1.10.2.3.1. Description

Query a single policy for more details.

#### 1.10.2.3.2. Parameters

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

### 1.10.2.3.3. Responses

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

#### 1.10.2.3.4. Tags

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

#### 1.10.2.4. Delete a policy

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

##### 1.10.2.4.1. Parameters

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

##### 1.10.2.4.2. Responses

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

HTTP Code	Description	Schema
503	Service unavailable	No Content

#### 1.10.2.4.3. Tags

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

### 1.10.3. Definitions

#### 1.10.3.1. Policy

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

#### spec

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

#### policy-templates

Name	Description	Schema
<b>apiVersion</b> <i>required</i>	The versioned schema of Policy.	string
<b>kind</b> <i>optional</i>	String value that represents the REST resource.	string

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

### clusterConditions

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

### rules

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

## 1.11. OBSERVABILITY API

### 1.11.1. Overview

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

#### 1.11.1.1. Version information

*Version* : 2.4.0

#### 1.11.1.2. Contact information

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

#### 1.11.1.3. License information

*License* : Apache 2.0

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

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

#### 1.11.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.11.1.5. Tags

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

#### 1.11.1.6. External Docs

*Description* : Find out more about Swagger.

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

### 1.11.2. Paths

#### 1.11.2.1. Create a multiclusterobservability resource

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

##### 1.11.2.1.1. Description

Create a MultiClusterObservability resource.

##### 1.11.2.1.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token.	string
Body	<b>body</b> <i>required</i>	Parameters describing the MultiClusterObservability resource to be created.	<a href="#">MultiClusterObservability</a>

### 1.11.2.1.3. Responses

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

### 1.11.2.1.4. Consumes

- **application/yaml**

### 1.11.2.1.5. Tags

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

### 1.11.2.1.6. Example HTTP request

#### 1.11.2.1.6.1. Request body

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

### 1.11.2.2. Query all multiclusterobservabilities

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

#### 1.11.2.2.1. Description

Query your MultiClusterObservability resources for more details.

## 1.11.2.2.2. Parameters

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

## 1.11.2.2.3. Responses

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

## 1.11.2.2.4. Consumes

- **application/yaml**

## 1.11.2.2.5. Tags

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

## 1.11.2.3. Query a single multiclusterobservability

GET /apis/observability.open-cluster-management.io/v1beta2/multiclusterobservabilities/{multiclusterobservability\_name}

## 1.11.2.3.1. Description

Query a single MultiClusterObservability resource for more details.

## 1.11.2.3.2. Parameters

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

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

### 1.11.2.3.3. Responses

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

### 1.11.2.3.4. Tags

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

### 1.11.2.4. Delete a multiclusterobservability resource

DELETE /apis/observability.open-cluster-management.io/v1beta2/multiclusterobservabilities/{multiclusterobservability\_name}

#### 1.11.2.4.1. Parameters

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

#### 1.11.2.4.2. Responses



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

#### 1.11.2.4.3. Tags

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

### 1.11.3. Definitions

#### 1.11.3.1. MultiClusterObservability

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

#### spec

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

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

## storageConfig

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

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

### metricObjectStorage

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

### observabilityAddonSpec

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

## advanced

Name	Description	Schema
<b>retentionConfig</b> <i>optional</i>	Specifies the data retention configuration to be used by observability.	<b>RetentionConfig</b>
<b>rbacQueryProxy</b> <i>optional</i>	Specifies the replicas and resources for the rbac-query-proxy deployment.	CommonSpec
<b>grafana</b> <i>optional</i>	Specifies the replicas and resources for the grafana deployment	CommonSpec
<b>alertmanager</b> <i>optional</i>	Specifies the replicas and resources for alertmanager statefulset.	CommonSpec
<b>observatoriumAPI</b> <i>optional</i>	Specifies the replicas and resources for the <b>observatorium-api</b> deployment.	CommonSpec
<b>queryFrontend</b> <i>optional</i>	Specifies the replicas and resources for the query-frontend deployment.	CommonSpec
<b>query</b> <i>optional</i>	Specifies the replicas and resources for the query deployment.	CommonSpec
<b>receive</b> <i>optional</i>	Specifies the replicas and resources for the receive statefulset.	CommonSpec
<b>rule</b> <i>optional</i>	Specifies the replicas and resources for rule statefulset.	CommonSpec
<b>store</b> <i>optional</i>	Specifies the replicas and resources for the store statefulset.	CommonSpec
<b>compact</b> <i>optional</i>	Specifies the resources for compact statefulset.	<a href="#">compact</a>
<b>storeMemcached</b> <i>optional</i>	Specifies the replicas, resources, etc. for store-memcached.	<a href="#">storeMemcached</a>

Name	Description	Schema
<b>queryFrontendMemcached</b> <i>optional</i>	Specifies the replicas, resources, etc for query-frontend-memcached.	CacheConfig

## retentionConfig

Name	Description	Schema
<b>blockDuration</b> <i>optional</i>	The amount of time to block the duration for Time Series Database (TSDB) block. Default value is <b>2h</b> .	string
<b>cleanupInterval</b> <i>optional</i>	The frequency of how often partially uploaded blocks are cleaned, and how often blocks with the deletion mark that have <b>--wait</b> enabled are cleaned. Default value is <b>5m</b> .	string
<b>deleteDelay</b> <i>optional</i>	The amount of time until a block marked for deletion is deleted from a bucket. Default value is <b>48h</b> .	string
<b>retentionInLocal</b> <i>optional</i>	The amount of time to retain raw samples from the local storage. Default value is <b>24h</b> .	string
<b>retentionResolutionRaw</b> <i>optional</i>	The amount of time to retain raw samples of resolution in a bucket. Default value is 30 days ( <b>30d</b> ).	string
<b>retentionResolution5m</b> <i>optional</i>	The amount of time to retain samples of resolution 1 (5 minutes) in a bucket. Default value is 180 days ( <b>180d</b> ).	string
<b>retentionResolution1h</b> <i>optional</i>	The amount of time to retain samples of resolution 2 (1 hour) in a bucket. Default value is 0 days ( <b>0d</b> ).	string

## compact

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

**storeMemcached**

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

**status**

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

## 1.12. SEARCH CUSTOMIZATION API

### 1.12.1. Overview

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

#### 1.12.1.1. Version information

Version : 2.4.0

#### 1.12.1.2. Contact information

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

### 1.12.1.3. License information

License : Apache 2.0

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

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

### 1.12.1.4. URI scheme

BasePath : /kubernetes/apis

Schemes : HTTPS

### 1.12.1.5. Tags

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

### 1.12.1.6. External Docs

Description : Find out more about Swagger.

URL : <http://swagger.io>

## 1.12.2. Paths

### 1.12.2.1. Create a searchCustomization

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

#### 1.12.2.1.1. Description

Create a searchCustomization.

#### 1.12.2.1.2. Parameters

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

#### 1.12.2.1.3. Responses

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

#### 1.12.2.1.4. Consumes

- **searchCustomization/json**

#### 1.12.2.1.5. Tags

- search.open-cluster-management.io

#### 1.12.2.1.6. Example HTTP request

##### 1.12.2.1.6.1. Request body

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



```

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

```

```
      "patch": {
        "type": "array",
        "items": {
          "type": "object",
          "properties": {
            "op": {
              "type": "string",
              "enum": [
                "add",
                "remove",
                "replace"
              ]
            },
            "path": {
              "type": "string"
            },
            "value": {}
          }
        }
      },
      "patchBeta": {
        "type": "array",
        "items": {
          "type": "object",
          "properties": {
            "op": {
              "type": "string",
              "enum": [
                "add",
                "remove",
                "replace"
              ]
            },
            "path": {
              "type": "string"
            },
            "value": {}
          }
        }
      }
    }
  },
  "required": [
    "name",
    "namespace"
  ],
  "type": "object"
}
```

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

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

#### 1.12.2.3.3. 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](https://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	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token.	string
Path	<b>policy_name</b> <i>required</i>	Name of the policy that you want to delete.	string
Path	<b>namespace</b> <i>required</i>	Namespace that you want to use, for example, default.	string

### 1.12.2.4.2. 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
<b>apiVersion</b> <i>required</i>	The versioned schema of SearchCustomization.	string
<b>kind</b> <i>required</i>	String value that represents the REST resource.	string
<b>metadata</b> <i>required</i>	Describes rules that define the policy.	object

**spec**

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

**policy-templates**

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

**clusterConditions**

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

## rules

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

## 1.13. MULTICLUSTERHUB API

### 1.13.1. Overview

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

#### 1.13.1.1. Version information

*Version* : 2.4.0

#### 1.13.1.2. Contact information

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

#### 1.13.1.3. License information

*License* : Apache 2.0

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

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

#### 1.13.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.13.1.5. Tags

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

#### 1.13.1.6. External Docs

*Description* : Find out more about Swagger.

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

### 1.13.2. Paths

### 1.13.2.1. Create a MultiClusterHub resource

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

#### 1.13.2.1.1. Description

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

#### 1.13.2.1.2. Parameters

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

#### 1.13.2.1.3. 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",
    "type": "object",
    },
    "externalDNS": {
        "description": "(Deprecated) ExternalDNS specifies configuration for external-dns if it is to be
deployed by Hive. If absent, external-dns is not deployed.",
        "properties": {
            "aws": {
                "description": "(Deprecated) AWS contains AWS-specific settings for external DNS.",
                "properties": {
                    "credentials": {
                        "description": "(Deprecated) Credentials reference a secret that is used to authenticate with AWS
Route53. It needs permission to manage entries in each of the managed domains for this cluster.
Secret should have AWS keys named 'aws_access_key_id' and 'aws_secret_access_key'.",
                        "properties": {
                            "name": {
                                "description": "Name of the referent. More info:
https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#names",
                                "type": "string"
                            }
                        }
                    },
                    "type": "object"
                }
            },
            "type": "object"
        },
        "gcp": {
            "description": "(Deprecated) GCP contains Google Cloud Platform specific settings for external
DNS.",
            "properties": {
                "credentials": {
                    "description": "(Deprecated) Credentials reference a secret that is used to authenticate with GCP
DNS. It needs permission to manage entries in each of the managed domains for this cluster. Secret
should have a key names 'osServiceAccount.json'. The credentials must specify the project to use.",
                    "properties": {
                        "name": {
                            "description": "Name of the referent. More info:
https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#names",
                            "type": "string"
                        }
                    }
                }
            }
        }
    }
}

```

```

    }
  },
  "type": "object"
}
},
"type": "object"
}
},
  "type": "object"
},
"failedProvisionConfig": {
  "description": "(Deprecated) FailedProvisionConfig is used to configure settings related to handling provision failures.",
  "properties": {
    "skipGatherLogs": {
      "description": "(Deprecated) SkipGatherLogs disables functionality that attempts to gather full logs from the cluster if an installation fails for any reason. The logs are stored in a persistent volume for up to seven days.",
      "type": "boolean"
    }
  },
  "type": "object"
},
"globalPullSecret": {
  "description": "(Deprecated) GlobalPullSecret is used to specify a pull secret that is used globally by all of the cluster deployments. For each cluster deployment, the contents of GlobalPullSecret are merged with the specific pull secret for a cluster deployment(if specified), with precedence given to the contents of the pull secret for the cluster deployment.",
  "properties": {
    "name": {
      "description": "Name of the referent. More info: https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#names",
      "type": "string"
    }
  },
  "type": "object"
},
"maintenanceMode": {
  "description": "(Deprecated) MaintenanceMode can be set to true to disable the Hive controllers in situations where you need to ensure nothing is running that adds or act upon finalizers on Hive types. This should rarely be needed. Sets replicas to zero for the 'hive-controllers' deployment to accomplish this.",
  "type": "boolean"
},
"required": [
  "failedProvisionConfig"
],
"type": "object"
},
"imagePullSecret": {
  "description": "Override pull secret for accessing MultiClusterHub operand and endpoint images.",
  "type": "string"
},
"ingress": {
  "description": "Configuration options for ingress management.",

```

```

    "properties": {
      "sslCiphers": {
        "description": "List of SSL ciphers enabled for management ingress. Defaults to full list of supported
ciphers.",
        "items": {
          "type": "string"
        },
        "type": "array"
      }
    },
    "type": "object"
  },
  "nodeSelector": {
    "additionalProperties": {
      "type": "string"
    },
    "description": "Set the node selectors..",
    "type": "object"
  },
  "overrides": {
    "description": "Developer overrides.",
    "properties": {
      "imagePullPolicy": {
        "description": "Pull policy of the multicluster hub images.",
        "type": "string"
      }
    },
    "type": "object"
  },
  "separateCertificateManagement": {
    "description": "(Deprecated) Install cert-manager into its own namespace.",
    "type": "boolean"
  },
  "type": "object"
},
"status": {
  "description": "MulticlusterHubStatus defines the observed state of MultiClusterHub.",
  "properties": {
    "components": {
      "additionalProperties": {
        "description": "StatusCondition contains condition information.",
        "properties": {
          "lastTransitionTime": {
            "description": "LastTransitionTime is the last time the condition changed from one status to
another.",
            "format": "date-time",
            "type": "string"
          }
        },
        "message": {
          "description": "Message is a human-readable message indicating\ndetails about the last status
change.",
          "type": "string"
        },
        "reason": {
          "description": "Reason is a (brief) reason for the last status change of the condition.",

```

```

    "type": "string"
  },
  "status": {
    "description": "Status is the status of the condition. One of True, False, Unknown.",
    "type": "string"
  },
  "type": {
    "description": "Type is the type of the cluster condition.",
    "type": "string"
  }
},
  "type": "object"
},
  "description": "Components []ComponentCondition `json:\\"manifests,omitempty\\"`",
  "type": "object"
},
  "conditions": {
    "description": "Conditions contain the different condition statuses for the MultiClusterHub.",
    "items": {
      "description": "StatusCondition contains condition information.",
      "properties": {
        "lastTransitionTime": {
          "description": "LastTransitionTime is the last time the condition changed from one status to
another.",
          "format": "date-time",
          "type": "string"
        }
      },
      "lastUpdateTime": {
        "description": "The last time this condition was updated.",
        "format": "date-time",
        "type": "string"
      }
    },
    "message": {
      "description": "Message is a human-readable message indicating details about the last status
change.",
      "type": "string"
    },
    "reason": {
      "description": "Reason is a (brief) reason for the last status change of the condition.",
      "type": "string"
    }
  },
  "status": {
    "description": "Status is the status of the condition. One of True, False, Unknown.",
    "type": "string"
  },
  "type": {
    "description": "Type is the type of the cluster condition.",
    "type": "string"
  }
}
},
  "type": "object"
},
  "type": "array"
},
  "currentVersion": {
    "description": "CurrentVersion indicates the current version..",

```

```

    "type": "string"
  },
  "desiredVersion": {
    "description": "DesiredVersion indicates the desired version.",
    "type": "string"
  },
  "phase": {
    "description": "Represents the running phase of the MultiClusterHub",
    "type": "string"
  }
},
  "type": "object"
}
},
  "type": "object"
}
},
  "served": true,
  "storage": true,
  "subresources": {
    "status": {}
  }
}
]
}
}

```

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

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

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

##### 1.13.2.4.2. 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

### 1.13.2.4.3. Tags

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

## 1.13.3. Definitions

### 1.13.3.1. Multicuster hub operator

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

### spec

<b>availabilityConfig</b> <i>optional</i>	Specifies deployment replication for improved availability. The default value is <b>High</b> .	string
<b>customCAConfigmap</b> <i>optional</i>	Provide the customized OpenShift default ingress CA certificate to Red Hat Advanced Cluster Management.	string
<b>disableHubSelfManagement</b> <i>optional</i>	Disable automatic import of the hub cluster as a managed cluster.	boolean
<b>disableUpdateClusterImageSets</b> <i>optional</i>	Disable automatic update of ClusterImageSets.	boolean

<b>availabilityConfig</b> <i>optional</i>	Specifies deployment replication for improved availability. The default value is <b>High</b> .	string
<b>hive</b> <i>optional</i>	(Deprecated) An object that overrides for the default HiveConfig specification.	<a href="#">hive</a>
<b>imagePullSecret</b> <i>optional</i>	Overrides pull secret for accessing MultiClusterHub operand and endpoint images.	string
<b>ingress</b> <i>optional</i>	Configuration options for ingress management.	<a href="#">ingress</a>
<b>nodeSelector</b> <i>optional</i>	Set the node selectors.	string
<b>separateCertificateManagement</b> <i>optional</i>	(Deprecated) Install <b>cert-manager</b> into its own namespace.	boolean

## hive

<b>additionalCertificateAuthorities</b> <i>optional</i>	(Deprecated) A list of references to secrets in the <b>hive</b> namespace that contain an additional Certificate Authority to use when communicating with target clusters. These certificate authorities are used in addition to any self-signed CA generated by each cluster on installation.	object
<b>backup</b> <i>optional</i>	(Deprecated) Specifies the configuration for backup integration. If absent, backup integration is disabled.	<a href="#">backup</a>
<b>externalDNS</b> <i>optional</i>	(Deprecated) Specifies configuration for <b>external-dns</b> if it is to be deployed by Hive. If absent, <b>external-dns</b> is not be deployed.	object
<b>failedProvisionConfig</b> <i>required</i>	(Deprecated) Used to configure settings related to handling provision failures.	<a href="#">failedProvisionConfig</a>

<b>additionalCertificateAuthorities</b> <i>optional</i>	(Deprecated) A list of references to secrets in the <b>hive</b> namespace that contain an additional Certificate Authority to use when communicating with target clusters. These certificate authorities are used in addition to any self-signed CA generated by each cluster on installation.	object
<b>globalPullSecret</b> <i>optional</i>	(Deprecated) Used to specify a pull secret that is used globally by all of the cluster deployments. For each cluster deployment, the contents of <b>globalPullSecret</b> are merged with the specific pull secret for a cluster deployment (if specified), with precedence given to the contents of the pull secret for the cluster deployment.	object
<b>maintenanceMode</b> <i>optional</i>	(Deprecated) Can be set to true to disable the hive controllers in situations where you need to ensure nothing is running that adds or acts upon finalizers on Hive types. This should rarely be needed. Sets replicas to <b>0</b> for the <b>hive-controllers</b> deployment to accomplish this.	boolean

## ingress

<b>sslCiphers</b> <i>optional</i>	List of SSL ciphers enabled for management ingress. Defaults to full list of supported ciphers.	string
--------------------------------------	---	--------

## backup

<b>minBackupPeriodSeconds</b> <i>optional</i>	(Deprecated) Specifies that a minimum of <b>MinBackupPeriodSeconds</b> occurs in between each backup. This is used to rate limit backups. This potentially batches together multiple changes into one backup. No backups are lost as changes happen during this interval are queued up and result in a backup happening once the interval has been completed.	integer
<b>velero</b> <i>optional</i>	(Deprecated) Velero specifies configuration for the Velero backup integration.	object

**failedProvisionConfig**

<b>skipGatherLogs</b> <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**

<b>components</b> <i>optional</i>	The components of the status configuration.	object
<b>conditions</b> <i>optional</i>	Contains the different conditions for the multicluster hub.	<a href="#">conditions</a>
<b>desiredVersion</b> <i>optional</i>	Indicates the desired version.	string
<b>phase</b> <i>optional</i>	Represents the active phase of the MultiClusterHub resource. The values that are used for this parameter are: <b>Pending, Running, Installing, Updating, Uninstalling</b>	string

**conditions**

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

## StatusConditions

<b>kind</b> <i>required</i>	The resource <b>kind</b> that represents this status.	string
<b>available</b> <i>required</i>	Indicates whether this component is properly running.	boolean
<b>lastTransitionTime</b> <i>optional</i>	The last time the condition changed from one status to another.	metav1.time
<b>lastUpdateTime</b> <i>optional</i>	The last time this condition was updated.	metav1.time
<b>message</b> <i>required</i>	Message is a human-readable message indicating details about the last status change.	string
<b>reason</b> <i>optional</i>	A brief reason for why the condition status changed.	string
<b>status</b> <i>optional</i>	The status of the condition.	string
<b>type</b> <i>optional</i>	The type of the cluster condition.	string

## 1.14. PLACEMENTS API (V1ALPHA1)

### 1.14.1. Overview

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

#### 1.14.1.1. Version information

*Version* : 2.4.0

#### 1.14.1.2. Contact information

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

#### 1.14.1.3. License information

*License* : Apache 2.0

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

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

#### 1.14.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.14.1.5. Tags

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

#### 1.14.1.6. External Docs

*Description* : Find out more about Swagger.

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

### 1.14.2. Paths

#### 1.14.2.1. Query all Placements

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

##### 1.14.2.1.1. Description

Query your Placements for more details.

##### 1.14.2.1.2. Parameters

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

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

#### 1.14.2.1.3. Responses

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

#### 1.14.2.1.4. Consumes

- **placement/yaml**

#### 1.14.2.1.5. Tags

- cluster.open-cluster-management.io

### 1.14.2.2. Create a Placement

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

#### 1.14.2.2.1. Description

Create a Placement.

#### 1.14.2.2.2. Parameters

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

#### 1.14.2.2.3. Responses

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

#### 1.14.2.2.4. Consumes

- **placement/yaml**

#### 1.14.2.2.5. Tags

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

#### 1.14.2.2.6. Example HTTP request

##### 1.14.2.2.6.1. Request body

```
{
  "apiVersion" : "cluster.open-cluster-management.io/v1alpha1",
  "kind" : "Placement",
  "metadata" : {
    "name" : "placement1",
    "namespace": "ns1"
  },
  "spec": {
    "predicates": [
      {
        "requiredClusterSelector": {
          "labelSelector": {
            "matchLabels": {
              "vendor": "OpenShift"
            }
          }
        }
      }
    ]
  },
  "status" : { }
}
```

#### 1.14.2.3. Query a single Placement



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

#### 1.14.2.3.1. Description

Query a single Placement for more details.

#### 1.14.2.3.2. Parameters

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

#### 1.14.2.3.3. Responses

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

#### 1.14.2.3.4. Tags

- cluster.open-cluster-management.io

#### 1.14.2.4. Delete a Placement

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

#### 1.14.2.4.1. Description

Delete a single Placement.

#### 1.14.2.4.2. Parameters

Type	Name	Description	Schema
Header	<b>COOKIE</b> <i>required</i>	Authorization: Bearer {ACCESS_TOKEN} ; ACCESS_TOKEN is the user access token.	string
Path	<b>placement_name</b> <i>required</i>	Name of the Placement that you want to 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
<b>apiVersion</b> <i>required</i>	The versioned schema of the Placement.	string
<b>kind</b> <i>required</i>	String value that represents the REST resource.	string
<b>metadata</b> <i>required</i>	The meta data of the Placement.	object
<b>spec</b> <i>required</i>	The specification of the Placement.	<a href="#">spec</a>

## spec

Name	Description	Schema
<b>ClusterSets</b> <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
<b>numberOfClusters</b> <i>optional</i>	The desired number of ManagedClusters to be selected.	integer (int32)
<b>predicates</b> <i>optional</i>	A subset of cluster predicates to select ManagedClusters. The conditional logic is <i>OR</i> .	<a href="#">clusterPredicate</a> array

## clusterPredicate

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

## clusterSelector

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

## clusterClaimSelector

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

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

## 1.15. PLACEMENTDECISIONS API (V1ALPHA1)

### 1.15.1. Overview

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

#### 1.15.1.1. Version information

*Version* : 2.4.0

#### 1.15.1.2. Contact information

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

#### 1.15.1.3. License information

*License* : Apache 2.0

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

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

#### 1.15.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.15.1.5. Tags

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

#### 1.15.1.6. External Docs

*Description* : Find out more about Swagger.

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

### 1.15.2. Paths

#### 1.15.2.1. Query all PlacementDecisions

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

##### 1.15.2.1.1. Description

Query your PlacementDecisions for more details.

#### 1.15.2.1.2. Parameters

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

#### 1.15.2.1.3. Responses

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

#### 1.15.2.1.4. Consumes

- **placementdecision/yaml**

#### 1.15.2.1.5. Tags

- cluster.open-cluster-management.io

### 1.15.2.2. Create a PlacementDecision

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

#### 1.15.2.2.1. Description

Create a PlacementDecision.

#### 1.15.2.2.2. Parameters

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

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	Parameters describing the PlacementDecision to be created.	<a href="#">PlacementDecision</a>

#### 1.15.2.2.3. Responses

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

#### 1.15.2.2.4. Consumes

- **placementdecision/yaml**

#### 1.15.2.2.5. Tags

- cluster.open-cluster-management.io

#### 1.15.2.2.6. Example HTTP request

##### 1.15.2.2.6.1. Request body

```
{
  "apiVersion" : "cluster.open-cluster-management.io/v1alpha1",
  "kind" : "PlacementDecision",
  "metadata" : {
    "labels" : {
      "cluster.open-cluster-management.io/placement" : "placement1"
    },
    "name" : "placement1-decision1",
    "namespace": "ns1"
  },
  "status" : { }
}
```

#### 1.15.2.3. Query a single PlacementDecision

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

#### 1.15.2.3.1. Description

Query a single PlacementDecision for more details.

#### 1.15.2.3.2. Parameters

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

#### 1.15.2.3.3. Responses

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

#### 1.15.2.3.4. Tags

- cluster.open-cluster-management.io

#### 1.15.2.4. Delete a PlacementDecision

DELETE /cluster.open-cluster-management.io/v1alpha1/namespaces/{namespace}/placementdecisions/{placementdecision\_name}

#### 1.15.2.4.1. Description

Delete a single PlacementDecision.

#### 1.15.2.4.2. Parameters

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

#### 1.15.2.4.3. 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
<b>apiVersion</b> <i>required</i>	The versioned schema of PlacementDecision.	string
<b>kind</b> <i>required</i>	String value that represents the REST resource.	string
<b>metadata</b> <i>required</i>	The meta data of PlacementDecision.	object

## 1.16. DISCOVERYCONFIG API

### 1.16.1. Overview



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

### 1.16.1.1. Version information

*Version* : 2.4.0

### 1.16.1.2. Contact information

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

### 1.16.1.3. License information

*License* : Apache 2.0

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

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

### 1.16.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

### 1.16.1.5. Tags

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

### 1.16.1.6. External Docs

*Description* : Find out more about Swagger.

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

## 1.16.2. Paths

### 1.16.2.1. Create a DiscoveryConfig

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

#### 1.16.2.1.1. Description

Create a DiscoveryConfig.

#### 1.16.2.1.2. Parameters

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

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

#### 1.16.2.1.3. Responses

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

#### 1.16.2.1.4. Consumes

- **discoveryconfigs/yaml**

#### 1.16.2.1.5. Tags

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

##### 1.16.2.1.5.1. Request body

```
{
  "apiVersion": "apiextensions.k8s.io/v1",
  "kind": "CustomResourceDefinition",
  "metadata": {
    "annotations": {
      "controller-gen.kubebuilder.io/version": "v0.4.1",
    },
    "creationTimestamp": null,
    "name": "discoveryconfigs.discovery.open-cluster-management.io",
  },
  "spec": {
    "group": "discovery.open-cluster-management.io",
    "names": {
      "kind": "DiscoveryConfig",
      "listKind": "DiscoveryConfigList",
      "plural": "discoveryconfigs",
      "singular": "discoveryconfig"
    }
  }
}
```

```

},
"scope": "Namespaced",
"versions": [
{
"name": "v1alpha1",
"schema": {
"openAPIV3Schema": {
"description": "DiscoveryConfig is the Schema for the discoveryconfigs API",
"properties": {
"apiVersion": {
"description": "APIVersion defines the versioned schema of this representation of an object.
Servers should convert recognized schemas to the latest internal value, and may reject unrecognized
values. More info: https://git.k8s.io/community/contributors/devel/sig-architecture/api-
conventions.md#resources",
"type": "string"
},
"kind": {
"description": "Kind is a string value representing the REST resource this object represents.
Servers may infer this from the endpoint the client submits requests to. Cannot be updated. In
CamelCase. More info: https://git.k8s.io/community/contributors/devel/sig-architecture/api-
conventions.md#types-kinds",
"type": "string"
},
"metadata": {
"type": "object"
},
"spec": {
"description": "DiscoveryConfigSpec defines the desired state of DiscoveryConfig",
"properties": {
"credential": {
"description": "Credential is the secret containing credentials to connect to the OCM api
on behalf of a user",
"type": "string"
},
"filters": {
"description": "Sets restrictions on what kind of clusters to discover",
"properties": {
"lastActive": {
"description": "LastActive is the last active in days of clusters to discover, determined
by activity timestamp",
"type": "integer"
},
"openShiftVersions": {
"description": "OpenShiftVersions is the list of release versions of OpenShift of the form
\"<Major>.<Minor>\"",
"items": {
"description": "Semver represents a partial semver string with the major and minor
version in the form \"<Major>.<Minor>\". For example: \"4.5\"",
"pattern": "^(?:0|[1-9]\\d*)\\.?(?:0|[1-9]\\d*)$",
"type": "string"
},
"type": "array"
}
},
"type": "object"
}
}
}

```

```

    },
    "required": [
      "credential"
    ],
    "type": "object"
  },
  "status": {
    "description": "DiscoveryConfigStatus defines the observed state of DiscoveryConfig",
    "type": "object"
  }
},
"type": "object"
}
},
"served": true,
"storage": true,
"subresources": {
  "status": {}
}
}
]
},
"status": {
  "acceptedNames": {
    "kind": "",
    "plural": ""
  },
  "conditions": [],
  "storedVersions": []
}
}

```

### 1.16.2.2. Query all DiscoveryConfigs

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

#### 1.16.2.2.1. Description

Query your discovery config operator for more details.

#### 1.16.2.2.2. Parameters

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

#### 1.16.2.2.3. Responses

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

#### 1.16.2.2.4. Consumes

- **operator/yaml**

#### 1.16.2.2.5. Tags

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

### 1.16.2.3. Delete a DiscoveryConfig operator

DELETE /operator.open-cluster-management.io/v1alpha1/namespaces/{namespace}/operator/{discoveryconfigs\_name}

#### 1.16.2.3.1. Parameters

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

#### 1.16.2.3.2. 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

### 1.16.2.3.3. Tags

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

## 1.16.3. Definitions

### 1.16.3.1. DiscoveryConfig

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

### 1.16.3.2. List of specs

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

### 1.16.3.3. List of filters

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

## 1.17. DISCOVEREDCLUSTER API

### 1.17.1. Overview

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

#### 1.17.1.1. Version information

*Version* : 2.4.0

#### 1.17.1.2. Contact information

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

#### 1.17.1.3. License information

*License* : Apache 2.0

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

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

#### 1.17.1.4. URI scheme

*BasePath* : /kubernetes/apis

*Schemes* : HTTPS

#### 1.17.1.5. Tags

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

#### 1.17.1.6. External Docs

*Description* : Find out more about Swagger.

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

### 1.17.2. Paths

#### 1.17.2.1. Create a DiscoveredCluster

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

#### 1.17.2.1.1. Description

Create a DiscoveredCluster.

#### 1.17.2.1.2. Parameters

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

#### 1.17.2.1.3. Responses

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

#### 1.17.2.1.4. Consumes

- **discoveredclusters/yaml**

#### 1.17.2.1.5. Tags

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

#### 1.17.2.1.5.1. Request body

```
{
  "apiVersion": "apiextensions.k8s.io/v1",
  "kind": "CustomResourceDefinition",
  "metadata": {
```



```

"annotations": {
  "controller-gen.kubebuilder.io/version": "v0.4.1",\
},
"creationTimestamp": null,
"name": "discoveredclusters.discovery.open-cluster-management.io",
},
"spec": {
  "group": "discovery.open-cluster-management.io",
  "names": {
    "kind": "DiscoveredCluster",
    "listKind": "DiscoveredClusterList",
    "plural": "discoveredclusters",
    "singular": "discoveredcluster"
  },
  "scope": "Namespaced",
  "versions": [
    {
      "name": "v1alpha1",
      "schema": {
        "openAPIV3Schema": {
          "description": "DiscoveredCluster is the Schema for the discoveredclusters API",
          "properties": {
            "apiVersion": {
              "description": "APIVersion defines the versioned schema of this representation of an object.
Servers should convert recognized schemas to the latest internal value, and may reject unrecognized
values. More info: https://git.k8s.io/community/contributors/devel/sig-architecture/api-
conventions.md#resources",
              "type": "string"
            },
            "kind": {
              "description": "Kind is a string value representing the REST resource this object represents.
Servers may infer this from the endpoint the client submits requests to. Cannot be updated. In
CamelCase. More info: https://git.k8s.io/community/contributors/devel/sig-architecture/api-
conventions.md#types-kinds",
              "type": "string"
            },
            "metadata": {
              "type": "object"
            },
            "spec": {
              "description": "DiscoveredClusterSpec defines the desired state of DiscoveredCluster",
              "properties": {
                "activityTimestamp": {
                  "format": "date-time",
                  "type": "string"
                },
                "apiUrl": {
                  "type": "string"
                },
                "cloudProvider": {
                  "type": "string"
                },
                "console": {
                  "type": "string"
                },
                "creationTimestamp": {

```

```

    "format": "date-time",
    "type": "string"
  },
  "credential": {
    "description": "ObjectReference contains enough information to let you inspect or modify
the referred object. --- New uses of this type are discouraged because of difficulty describing its
usage when embedded in APIs. 1. Ignored fields. It includes many fields which are not generally
honored. For instance, ResourceVersion and FieldPath are both very rarely valid in actual usage. 2.
Invalid usage help. It is impossible to add specific help for individual usage. In most embedded
usages, there are particular restrictions like, \"must refer only to types A and B\" or \"UID not
honored\" or \"name must be restricted\". Those cannot be well described when embedded. 3.
Inconsistent validation. Because the usages are different, the validation rules are different by usage,
which makes it hard for users to predict what will happen. 4. The fields are both imprecise and overly
precise. Kind is not a precise mapping to a URL. This can produce ambiguity during interpretation
and require a REST mapping. In most cases, the dependency is on the group,resource tuple and
the version of the actual struct is irrelevant. 5. We cannot easily change it. Because this type is
embedded in many locations, updates to this type will affect numerous schemas. Don't make new
APIs embed an underspecified API type they do not control. Instead of using this type, create a
locally provided and used type that is well-focused on your reference. For example,
ServiceReferences for admission registration: https://github.com/kubernetes/api/blob/release-
1.17/admissionregistration/v1/types.go#L533 .",
    "properties": {
      "apiVersion": {
        "description": "API version of the referent.",
        "type": "string"
      },
      "fieldPath": {
        "description": "If referring to a piece of an object instead of an entire object, this string
should contain a valid JSON/Go field access statement, such as desiredState.manifest.containers[2].
For example, if the object reference is to a container within a pod, this would take on a value like:
'spec.containers{name}' (where 'name' refers to the name of the container that triggered the
event) or if no container name is specified 'spec.containers[2]' (container with index 2 in this pod).
This syntax is chosen only to have some well-defined way of referencing a part of an object. TODO:
this design is not final and this field is subject to change in the future.",
        "type": "string"
      },
      "kind": {
        "description": "Kind of the referent. More info:
https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#types-kinds",
        "type": "string"
      },
      "name": {
        "description": "Name of the referent. More info:
https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#names",
        "type": "string"
      },
      "namespace": {
        "description": "Namespace of the referent. More info:
https://kubernetes.io/docs/concepts/overview/working-with-objects/namespaces/",
        "type": "string"
      },
      "resourceVersion": {
        "description": "Specific resourceVersion to which this reference is made, if any. More
info: https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#concurrency-
control-and-consistency",
        "type": "string"
      }
    }
  }
}

```

```

    },
    "uid": {
      "description": "UID of the referent. More info:
https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#uids",
      "type": "string"
    }
  },
  "type": "object"
},
"displayName": {
  "type": "string"
},
"isManagedCluster": {
  "type": "boolean"
},
"name": {
  "type": "string"
},
"openshiftVersion": {
  "type": "string"
},
"status": {
  "type": "string"
},
"type": {
  "type": "string"
}
},
"required": [
  "apiUrl",
  "displayName",
  "isManagedCluster",
  "name",
  "type"
],
"type": "object"
},
"status": {
  "description": "DiscoveredClusterStatus defines the observed state of DiscoveredCluster",
  "type": "object"
}
},
"type": "object"
}
},
"served": true,
"storage": true,
"subresources": {
  "status": {}
}
}
],
},
"status": {
  "acceptedNames": {
    "kind": "",

```

```

    "plural": ""
  },
  "conditions": [],
  "storedVersions": []
}

```

### 1.17.2.2. Query all DiscoveredClusters

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

#### 1.17.2.2.1. Description

Query your discovered clusters operator for more details.

#### 1.17.2.2.2. Parameters

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

#### 1.17.2.2.3. 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/v1alpha1/namespaces/{namespace}/operator/{discoveredclusters_name}
```

#### 1.17.2.3.1. Parameters

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

#### 1.17.2.3.2. Responses

HTTP Code	Description	Schema
200	Success	No Content
403	Access forbidden	No Content
404	Resource not found	No Content
500	Internal service error	No Content
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
<b>apiVersion</b> <i>required</i>	The versioned schema of the discoveredclusters.	string

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

### 1.17.3.2. List of specs

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

Name	Description	Schema
<b>status</b> <i>optional</i>	The status of the discovered cluster.	string
<b>type</b> <i>required</i>	The OpenShift flavor (ex. OCP, ROSA, etc.).	string