



REVIEW DRAFT - CISCO CONFIDENTIAL



Cisco Operations Hub and Smart PHY REST API Guide, Release 22.3

First Published: 2022-10-28

Americas Headquarters

Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
<http://www.cisco.com>
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 527-0883

THE SPECIFICATIONS AND INFORMATION REGARDING THE PRODUCTS IN THIS MANUAL ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL STATEMENTS, INFORMATION, AND RECOMMENDATIONS IN THIS MANUAL ARE BELIEVED TO BE ACCURATE BUT ARE PRESENTED WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. USERS MUST TAKE FULL RESPONSIBILITY FOR THEIR APPLICATION OF ANY PRODUCTS.

THE SOFTWARE LICENSE AND LIMITED WARRANTY FOR THE ACCOMPANYING PRODUCT ARE SET FORTH IN THE INFORMATION PACKET THAT SHIPPED WITH THE PRODUCT AND ARE INCORPORATED HEREIN BY THIS REFERENCE. IF YOU ARE UNABLE TO LOCATE THE SOFTWARE LICENSE OR LIMITED WARRANTY, CONTACT YOUR CISCO REPRESENTATIVE FOR A COPY.

The Cisco implementation of TCP header compression is an adaptation of a program developed by the University of California, Berkeley (UCB) as part of UCB's public domain version of the UNIX operating system. All rights reserved. Copyright © 1981, Regents of the University of California.

NOTWITHSTANDING ANY OTHER WARRANTY HEREIN, ALL DOCUMENT FILES AND SOFTWARE OF THESE SUPPLIERS ARE PROVIDED "AS IS" WITH ALL FAULTS. CISCO AND THE ABOVE-NAMED SUPPLIERS DISCLAIM ALL WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THOSE OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT OR ARISING FROM A COURSE OF DEALING, USAGE, OR TRADE PRACTICE.

IN NO EVENT SHALL CISCO OR ITS SUPPLIERS BE LIABLE FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST PROFITS OR LOSS OR DAMAGE TO DATA ARISING OUT OF THE USE OR INABILITY TO USE THIS MANUAL, EVEN IF CISCO OR ITS SUPPLIERS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Any Internet Protocol (IP) addresses and phone numbers used in this document are not intended to be actual addresses and phone numbers. Any examples, command display output, network topology diagrams, and other figures included in the document are shown for illustrative purposes only. Any use of actual IP addresses or phone numbers in illustrative content is unintentional and coincidental.

All printed copies and duplicate soft copies of this document are considered uncontrolled. See the current online version for the latest version.

Cisco has more than 200 offices worldwide. Addresses and phone numbers are listed on the Cisco website at www.cisco.com/go/offices.

The documentation set for this product strives to use bias-free language. For purposes of this documentation set, bias-free is defined as language that does not imply discrimination based on age, disability, gender, racial identity, ethnic identity, sexual orientation, socioeconomic status, and intersectionality. Exceptions may be present in the documentation due to language that is hardcoded in the user interfaces of the product software, language used based on standards documentation, or language that is used by a referenced third-party product.

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: <https://www.cisco.com/c/en/us/about/legal/trademarks.html>. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1721R)

© 2022 Cisco Systems, Inc. All rights reserved.

Contents

RPD Service Manager APIs	1
Version: 22.1.0	1
/rpdorch/v2/rpd-topology/query-rpd-config-history	1
POST	1
/rpdorch/v2/rpd-pairing/set-rpd-pairing	1
POST	1
/rpdorch/v2/rpd-pairing/set-latestSD-rpd-pairing	1
POST	1
/rpdorch/v2/rpd-pairing/query-rpd-pairing	2
POST	2
/rpdorch/v2/rpd-pairing/query-rpd-name-pairing	2
POST	2
/rpdorch/v2/rpd-pairing/query-rpd-mac-pairing	2
POST	2
/rpdorch/v2/rpd-pairing/delete-rpd-pairing	2
POST	2
/rpdorch/v2/rpd-pairing/clear-rpd-pairing	2
POST	2
/rpdorch/v2/rpd-compatibility/set-rpd-compatibility	3
POST	3
/rpdorch/v2/gcp/set-redirect-version	3
POST	3
/rpdorch/v2/gcp/remove-redirect-version	3
POST	3
/rpdorch/v2/gcp/query-redirect-version	3
POST	3
/rpdorch/v1/system-info/get-rpd-processing-queue	4
POST	4
/rpdorch/v1/system-info/get-nso-commit-queue	4
POST	4
/rpdorch/v1/system-info/delete-nso-commit-queue-item	4
POST	4
/rpdorch/v1/service-catalog-topology/set-service-template	4

POST	4
/rpdorch/v1/service-catalog-topology/query-servicegroup-profiles	5
POST	5
/rpdorch/v1/service-catalog-topology/query-servicedefinition-diff	5
POST	5
/rpdorch/v1/service-catalog-topology/get-service-template	5
POST	5
/rpdorch/v1/service-catalog-topology/get-service-template-rpds-	
assigned-list	5
POST	5
/rpdorch/v1/service-catalog-topology/get-service-template-list .	6
POST	6
/rpdorch/v1/service-catalog-topology/get-service-definition . . .	6
POST	6
/rpdorch/v1/service-catalog-topology/delete-service-templates . .	6
POST	6
/rpdorch/v1/service-catalog-topology/delete-service-template . .	6
POST	6
/rpdorch/v1/service-catalog-topology/create-service-templates .	7
POST	7
/rpdorch/v1/rpd-topology/update-rpd-inventory	7
POST	7
/rpdorch/v1/rpd-topology/send-test-gcp-message	7
POST	7
/rpdorch/v1/rpd-topology/refresh-rpd-status	7
POST	7
/rpdorch/v1/rpd-topology/query-rpd-topology	7
POST	7
/rpdorch/v1/rpd-topology/query-rpd-inventory	8
POST	8
/rpdorch/v1/rpd-topology/query-rpd-details	8
POST	8
/rpdorch/v1/rpd-topology/query-corewise-rpd-status	8
POST	8
/rpdorch/v1/rpd-topology/query-all-rpd-data	8
POST	8
/rpdorch/v1/rpd-topology/dump-system-info	9
POST	9
/rpdorch/v1/rpd-topology/delete-rpd-inventory	9
POST	9
/rpdorch/v1/rpd-topology/add-rpd-inventory	9
POST	9
/rpdorch/v1/rpd-pairing/set-rpd-pairing	9
POST	9
/rpdorch/v1/rpd-pairing/query-servicedefinition-rpdlist	9
POST	9

/rpdorch/v1/rpd-pairing/query-service-definition-rpds	10
POST	10
/rpdorch/v1/rpd-pairing/query-rpds-on-service-definition	10
POST	10
/rpdorch/v1/rpd-pairing/query-rpds-notinlatestSD	10
POST	10
/rpdorch/v1/rpd-pairing/query-rpd-pairing	10
POST	10
/rpdorch/v1/rpd-pairing/query-rpd-name-pairing	11
POST	11
/rpdorch/v1/rpd-pairing/query-rpd-mac-pairing	11
POST	11
/rpdorch/v1/rpd-pairing/delete-rpd-pairing	11
POST	11
/rpdorch/v1/rpd-pairing/clear-rpd-pairing	11
POST	11
/rpdorch/v1/rpd-compatibility/set-rpd-compatibility	11
POST	11
/rpdorch/v1/rpd-compatibility/query-rpd-compatibility	12
POST	12
/rpdorch/v1/rpd-compatibility/query-rpd-compatibility-list	12
POST	12
/rpdorch/v1/rpd-compatibility/delete-rpd-compatibility	12
POST	12
/rpdorch/v1/rfpower-config/set-rfPower-profile	12
POST	12
/rpdorch/v1/rfpower-config/get-rfPower-profiles	13
POST	13
/rpdorch/v1/rfpower-config/delete-rfPower-profiles	13
POST	13
/rpdorch/v1/resource-manager/test-release-resources	13
POST	13
/rpdorch/v1/resource-manager/test-insert-resource	13
POST	13
/rpdorch/v1/resource-manager/test-delete-resources	13
POST	13
/rpdorch/v1/resource-manager/test-delete-interface-resources	14
POST	14
/rpdorch/v1/resource-manager/test-assign-resources	14
POST	14
/rpdorch/v1/resource-manager/dump-resource-map	14
POST	14
/rpdorch/v1/global-config/set-global-config	14
POST	14
/rpdorch/v1/global-config/reset-global-config	15
POST	15

/rpdorch/v1/global-config/query-global-config	15
POST	15
/rpdorch/v1/data-service/set-instance-id	15
POST	15
/rpdorch/v1/data-service/get-instance-id	15
POST	15
/rpdorch/v1/data-service/get-db-export-import-status-list	15
POST	15
/rpdorch/v1/data-service/data-import	16
POST	16
/rpdorch/v1/data-service/data-export	16
POST	16
/rpdorch/v1/dashboard/count	16
POST	16
/rpdorch/v1/core-topology/query-credentials	16
POST	16
/rpdorch/v1/core-topology/query-core-details	17
POST	17
/rpdorch/v1/core-topology/query-CoreResourceUsage	17
POST	17
/rpdorch/v1/core-topology/fetch-ssh-key	17
POST	17
/rpdorch/v1/core-topology/delete-dpic-inventory	17
POST	17
/rpdorch/v1/core-topology/delete-core-inventory	17
POST	17
/rpdorch/v1/core-topology/add-dpic-inventory	18
POST	18
/rpdorch/v1/core-topology/add-core-inventory	18
POST	18
/rpdorch/v1/config-reconciliation/reconciliation-check	18
POST	18
/rpdorch/v1/config-reconciliation/reconcile-from	18
POST	18
/rpdorch/v1/config-reconciliation/perform-reconciliation	19
POST	19
/rpdorch/v1/config-reconciliation/get-reconciliation-report	19
POST	19
/rpdorch/v1/config-reconciliation/get-reconciliation-report-list	19
POST	19
/rpdorch/v2/rpd-topology/query-rpd-configurations	19
GET	19
/rpdorch/v1/rpd-topology/query-rpd-configurations	20
GET	20
/rpdorch/v1/rpd-topology/get-service-template-counts	20
GET	20

/rpdorch/v1/rpd-topology/get-rpd-counts	20
GET	20
Models	20
QueryRpdDetailsInput	20
CliData	21
DeviceInfoRest	21
Error	21
GpsLocationRest	22
QueryRpdDetailsOutputV2	22
RpdHistoryNotification	23
AssignedCores	24
PortConfig	24
SetRpdPairing	25
SetRpdPairingInput	25
RpdStatusOutput	26
SetRpdPairingOutput	26
SetLatestSDRpdPairingInput	26
SetLatestSDRpdPairingOutput	26
QueryRpdPairingInput	27
QueryRpdPairingOutput	27
RpdPairingOutput	27
QueryRpdNamePairingInput	29
QueryRpdNamePairingOutput	29
QueryRpdMacPairingInput	29
QueryRpdMacPairingOutput	29
DeleteRpdPairingInput	29
DeleteRpdPairingOutput	29
ClearRpdPairingInput	30
ClearRpdPairingOutput	30
RpdRestCompatibilityKey	30
RpdRestCompatibilityV2	30
SetRpdCompatibilityInputV2	31
RpdRestCompatibilityStatus	31
SetRpdCompatibilityOutput	31
SetRedirectVersionInput	31
SetRedirectVersionOutput	31
DeleteRedirectVersionInput	32
DeleteRedirectVersionOutput	32
GcpRedirectRpdDetails	32
QueryRedirectVersionListOutput	32
DumpSystemInfoOutput	32
ThreadPoolInfo	33
ShowCommitQueueInput	33
QueueItem	33
ShowCommitQueueOutput	34
DeleteCommitQueueItemInput	34

AddServiceTemplateInput	34
ServiceElementInput	34
ServiceOobProfile	35
AddServiceTemplateOutput	35
ServiceGroupProfilesInput	35
ServiceGroupProfilesOutput	35
ServiceDefinitionDiffInput	36
ServiceDefinitionDiffOutput	36
ServiceElementOutput	36
ServiceTemplateOutput	37
GetServiceTemplateInput	37
GetServiceTemplateOutput	37
GetServiceTemplateRpdAssignedListOutput	38
ServiceTemplateRpdAssignedOutput	38
GetServiceTemplateListOutput	39
GetServiceDefinitionOutput	39
DeleteServiceTemplateListInput	39
DeleteServiceTemplateListOutput	39
DeleteServiceTemplateOutput	39
DeleteServiceTemplateInput	40
AddServiceTemplateListInput	40
AddServiceTemplateListOutput	40
UpdateRpdInventoryInput	40
UpdateRpdInventoryOutput	40
SendTestGcpMessageInput	41
SendTestGcpMessageOutput	41
RefreshRPDStatusInput	41
RefreshRPDStatusOutput	41
QueryRpdTopologyInput	42
QueryRpdTopologyOutput	42
RpdTopology	42
GpsRange	43
QueryRpdInventoryInput	43
GpsLocationRange	44
QueryRpdInventoryOutput	44
RpdInventory	44
QueryRpdDetailsOutput	45
QueryRpdStateInput	46
CorewiseRpdStates	46
QueryRpdStateOutput	47
RpdCorewiseStateOutput	47
QueryAllRpdDataInput	47
QueryAllRpdDataOutput	47
RpdData	48
DeleteRpdInventoryInput	49
DeleteRpdInventoryOutput	49

AddRpdInventoryInput	49
AddRpdInventoryOutput	50
QueryRpdListOnServiceDefinitionInput	50
QueryRpdListOnServiceDefinitionOutput	50
RpdDetails	50
RpdServiceDefinition	51
SdVersionCount	51
GetServiceTemplateInputList	51
QueryRpdServiceDefinition	51
QueryRpdOnServiceDefinitionInput	52
QueryRpdOnServiceDefinition	52
QueryRpdsNotonLatestSDInput	52
QueryRpdsNotonLatestSDOutput	52
RpdRestCompatibility	53
SetRpdCompatibilityInput	53
QueryRpdCompatibilityInput	53
QueryRpdCompatibilityOutput	53
QueryRpdCompatibilityListInput	53
QueryRpdCompatibilityListOutput	53
DeleteRpdCompatibilityInput	54
DeleteRpdCompatibilityOutput	54
RFPowerConfigInput	54
RFPowerConfigOutput	54
QueryRFPowerConfigInput	54
GetRFPowerConfigOutput	55
DeleteRfPowerConfigInput	55
DeleteRfPowerConfigOutput	55
DeleteRfPowerConfigOutputList	55
TestReleaseResourcesInput	55
TestInsertResourcesInput	56
TestDeleteResourcesInput	56
TestDeleteInterfaceResourcesInput	56
TestAssignResourcesToRpdInput	56
DumpResourceMapOutput	56
SetGlobalConfigInput	56
SetGlobalConfigOutput	57
ResetGlobalConfigInput	57
ResetGlobalConfigOutput	57
QueryGlobalConfigInput	57
ConfigRecord	57
QueryGlobalConfigOutput	58
SetInstanceIdInput	58
SetInstanceIdOutput	58
GetInstanceIdInput	58
GetInstanceIdOutput	58
DbExportImportStatus	59

GetDbExportImportStatusOutput	59
DataImportInput	59
DataImportOutput	60
DataExportInput	60
DataExportOutput	60
CountOutput	60
QueryCredentialsInput	61
QueryCredentialsOutput	61
QueryCoreDetailsInput	61
CoreDetails	62
DpicInterface	62
IpMask	62
OOBProfiles	63
QueryCoreDetailsOutput	63
SsdProfile	63
VirtualSG	63
QueryCoreResourceUsageInput	63
QueryCoreResourceUsageOutput	64
FetchSshKeyInput	64
FetchSshKeyOutput	64
DeleteDpicInventoryInput	64
DeleteDpicInventoryOutput	65
DeleteCoreInventoryInput	65
DeleteCoreInventoryOutput	65
AddDpicInventoryInput	65
AddDpicInventoryOutput	65
AddCoreInventoryInput	66
AddCoreInventoryOutput	66
CoreKeyInput	66
CoreReconciliationOutput	66
CoreReconciliationInput	66
ReconciliationReportParams	67
ConfigDiff	67
ReconciliationReport	67
ReconciliationReportKey	67
ReconciliationMeta	68
CoreConfigurationDetailsV2	68
DeviceInfoDetails	68
GpsLocation	68
RpdConfigurationDetailsV2	68
ServiceDetailsV2	69
CoreConfigurationDetails	70
RpdConfigurationDetails	70
RpdConfigurationDetailsListOutput	71
ServiceDetails	71
RpdCount	72

Inventory Manager APIs	73
Version: 22.1.0	73
/inventory/v2/credential/query-credential-profile	73
POST	73
/inventory/v2/credential/delete-credential-profile	73
POST	73
/inventory/v1/instance/set-instance-id	73
POST	73
/inventory/v1/instance/get-instance-id	74
POST	74
/inventory/v1/device/update-device-inventory	74
POST	74
/inventory/v1/device/update-device-inventory-list	74
POST	74
/inventory/v1/device/update-ccap-core-state	74
POST	74
/inventory/v1/device/query-device-list	74
POST	74
/inventory/v1/device/delete-device-inventory	75
POST	75
/inventory/v1/device/add-device-inventory	75
POST	75
/inventory/v1/device/add-device-inventory-list	75
POST	75
/inventory/v1/credential/set-credential-profile	75
POST	75
/inventory/v1/credential/query-credential-profile	76
POST	76
/inventory/v1/credential/delete-credential-profile	76
POST	76
/api/config/smiuser/_operations/change-password	76
POST	76
/inventory/v2/credential/get-inventory-counts	76
GET	76
Models	76
QueryCredentialProfileInput	76
CredentialProfileOutputV2	77
Error	77
QueryCredentialProfileOutputV2	78
Status	78
DeleteCredProfileListInput	78
DeleteCredentialProfileInput	78
DeleteCredProfileListOutput	78
DeleteCredentialProfileOutput	79
SetInstanceIdInput	79
SetInstanceIdOutput	79

GetInstanceIdInput	79
GetInstanceIdOutput	79
GpsLocation	80
UpdateDeviceInventoryInput	80
UpdateDeviceInventoryOutput	80
UpdateDeviceInventoryListInput	80
UpdateDeviceInventoryListOutput	81
MaintainCCAPCoreInput	81
DeviceStatusOutput	81
MaintainCCAPCoreOutput	81
QueryDeviceListInput	82
DeviceDetails	82
DeviceHistoryNotification	83
DeviceInfo	84
QueryDeviceListOutput	85
TagDetails	85
DeleteDeviceInventoryInput	85
DeleteDeviceInventoryOutput	85
AddDeviceInventoryInput	85
AddDeviceInventoryOutput	86
AddDeviceInventoryListInput	86
AddDeviceInventoryListOutput	86
SetCredentialProfileInput	86
SetCredentialProfileOutput	87
CredentialProfileOutput	87
QueryCredentialProfileOutput	87
UserResetPasswordInput	88
InventoryCount	88
Operations Hub Authentication API	89
Version: 1.0	89
Security	89
/loglevel	89
GET	89
PUT	90
/reset-internal-user	90
PATCH	90
/v1/login/banner	91
GET	91
PATCH	91
/v1/token	92
POST	92
DELETE	92
/v1/token/fresh	92
POST	92
/v1/token/validation	93

POST	93
Models	94
auth.Content	94
auth.ErrorResponse	94
auth.LogLevel	94
auth.LoginBanner	94
structs.ResetPasswordRequestObj	94
structs.TokenGenInfo	95
structs.TokenRefreshReqInfo	95
Operations Hub RBAC API	97
Version: 1.0	97
/v1/iam/user/action	97
POST	97
/v1/identitymgmt/exportldap	98
GET	98
/v1/identitymgmt/exportum	98
GET	98
/v1/identitymgmt/group	98
GET	98
/v1/identitymgmt/importldap	99
POST	99
/v1/identitymgmt/importum	99
POST	99
/v1/identitymgmt/ldap/config	100
GET	100
PUT	100
POST	101
DELETE	101
PATCH	102
/v1/identitymgmt/ldap/validate/current-config	102
POST	102
/v1/identitymgmt/ldap/validate/new-config	103
POST	103
/v1/identitymgmt/loglevel	103
POST	103
/v1/identitymgmt/password-age	104
PATCH	104
/v1/identitymgmt/password-length	104
PATCH	104
/v1/identitymgmt/reset-password	105
PATCH	105
/v1/identitymgmt/self-password	105
PATCH	105
/v1/identitymgmt/user	106
GET	106

POST	106
/v1/identitymgmt/user-group	107
POST	107
PATCH	107
/v1/identitymgmt/user/{username}	108
GET	108
DELETE	108
/v1/identitymgmt/user/{username}/namespace/{namespace}	109
GET	109
Models	109
model.ChangePasswordLengthRequest	109
model.ChangeSelfPasswordRequest	109
model.CreateUserRequest	110
model.CurrentSecurityConfig	110
model.ElasticSearchRequest	110
model.ElasticSearchResponse	110
model.GenericMapResponse	111
model.GenericResponse	111
model.GroupListResponse	111
model.LdapConfigObject	111
model.LdapDeleteConfigRequest	111
model.LdapGroupMappingObject	112
model.LogLevelRequest	112
model.NewSecurityConfig	112
model.PasswordAgeRequest	112
model.ResetPasswordRequest	112
model.UExportResponse	113
model.UserDetailListResponse	113
model.UserDetailResponse	113
model.UserDetails	113
model.UserGroupRequest	113
Operations Hub Tag Management API	115
Version: 1.0	115
/v1/tags	115
GET	115
/v1/tags/create-assign-tags	115
POST	115
/v1/tags/delete-tag/{tag-name}	116
DELETE	116
/v1/tags/entity-instance	117
POST	117
/v1/tags/export	117
GET	117
/v1/tags/import	118
POST	118

/v1/tags/remove-tag-association	118
POST	118
/v1/tags/search/{tag-name}	119
GET	119
/v1/tags/{entity}	120
GET	120
Models	121
tag.ApiResponse	121
tag.ApplicationError	121
tag.EntityTag	121
tag.EntityTagDetails	122
tag.EntityTagUuid	122
tag.EntityUuid	122
tag.EntityUuidTag	122
tag.ExportTagData	122
tag.GetTagsForEntityResponse	123
tag.TagBasicDetails	123
tag.TagResponse	123
tag.TagsWithUuid	123
tag.UuidTag	123
Operations Hub Infra Alert Management API	125
Version: 1.0	125
Security	125
/v1/alerts	125
GET	125
/v1/alerts/groups	126
GET	126
/v1/alerts/groups/{name}	126
GET	126
PUT	127
/v1/alerts/{id}	127
GET	127
/v1/alerts/{id}/ack	128
PUT	128
/v1/cluster/health	128
GET	128
/v1/loglevel	129
GET	129
PUT	129
/v1/smtp	130
GET	130
PUT	130
Models	131
model.AlertConfigGetInfo	131
model.AlertConfigSetInfo	131

model.AlertGetEntry	131
model.AlertGetInfo	132
model.AlertGroupGetInfo	132
model.AlertGroupSetInfo	132
model.AlertSetInfo	132
model.HealthStatus	133
model.LogLevel	133
model.NotReadyPods	133
Operations Hub Configuration Backup and Restore	135
Version: 1.0	135
/v1/config/export	135
GET	135
/v1/config/import	136
POST	136
/v1/config/operation/status	136
GET	136
/v1/tac/create	137
POST	137
/v1/tac/delete	137
DELETE	137
/v1/tac/download	138
GET	138
/v1/tac/list	138
GET	138
/v1/tac/status	139
GET	139
Models	139
model.ApiResponse	139
model.ErrorResponse	139
model.ListTac	140
model.OperationStatusResponse	140
model.StatusResponse	140
model.StatusTac	140
model.StringResponse	140
model.Tac	140
Operations Hub Scheduler	141
Version: 1.0	141
/v1/scheduler/create	141
POST	141
/v1/scheduler/delete	141
POST	141
/v1/scheduler/suspend	142
POST	142
/v1/scheduler/task/status	142

GET	142
/v1/scheduler/tasks	143
GET	143
/v1/scheduler/update	143
POST	143
Models	144
model.APITaskConfig	144
model.ApiResponse	144
model.CronSchedule	145
model.CyclicalSchedule	145
model.DiscreteTimeSchedule	145
model.HeaderMap	145
model.ListScheduleConfig	145
model.MessageTaskConfig	145
model.Schedule	146
model.ScheduleConfig	146
model.ScheduleDbConfig	146
model.ScheduleTaskDbConfig	147
model.StringErrResponse	147
model.TaskCommonConfig	147
model.TaskConfig	147
model.TaskDbConfig	147
model.TaskExecutionDbStatus	148
model.TaskExecutionStatus	148
model.TaskExecutionStatusAll	148
model.TaskList	148
model.UpdateScheduleConfig	148
model.UpdateTaskConfig	149

RPD Service Manager APIs

Version: 22.1.0

License: [Cisco Systems, Inc.](#)

/rpdorch/v2/rpd-topology/query-rpd-config-history

POST

Responses

Code	Description
200	OK

/rpdorch/v2/rpd-pairing/set-rpd-pairing

POST

Responses

Code	Description
200	OK

/rpdorch/v2/rpd-pairing/set-latestSD-rpd-pairing

POST

Responses

Code	Description
200	OK

/rpdorch/v2/rpd-pairing/query-rpd-pairing

POST

Responses

Code	Description
200	OK

/rpdorch/v2/rpd-pairing/query-rpd-name-pairing

POST

Responses

Code	Description
200	OK

/rpdorch/v2/rpd-pairing/query-rpd-mac-pairing

POST

Responses

Code	Description
200	OK

/rpdorch/v2/rpd-pairing/delete-rpd-pairing

POST

Responses

Code	Description
200	OK

/rpdorch/v2/rpd-pairing/clear-rpd-pairing

POST

Responses

Code	Description
200	OK

/rpdorch/v2/rpd-compatibility/set-rpd-compatibility**POST****Responses**

Code	Description
200	OK

/rpdorch/v2/gcp/set-redirect-version**POST****Responses**

Code	Description
200	OK

/rpdorch/v2/gcp/remove-redirect-version**POST****Responses**

Code	Description
200	OK

/rpdorch/v2/gcp/query-redirect-version**POST****Responses**

Code	Description
200	OK

/rpdorch/v1/system-info/get-rpd-processing-queue

POST

Responses

Code	Description
200	OK

/rpdorch/v1/system-info/get-nso-commit-queue

POST

Responses

Code	Description
200	OK

/rpdorch/v1/system-info/delete-nso-commit-queue-item

POST

Responses

Code	Description
200	OK

/rpdorch/v1/service-catalog-topology/set-service-template

POST

Parameters

Name	Located in	Description	Required	Schema
X-JWT-ACCESS-TOKEN	cookie		No	string

Responses

Code	Description
200	OK

/rpdorch/v1/service-catalog-topology/query-servicegroup-profiles

POST

Responses

Code	Description
200	OK

/rpdorch/v1/service-catalog-topology/query-servicedefinition-diff

POST

Responses

Code	Description
200	OK

/rpdorch/v1/service-catalog-topology/get-service-template

POST

Responses

Code	Description
200	OK

/rpdorch/v1/service-catalog-topology/get-service-template-rpds-assigned-list

POST

Responses

Code	Description
200	OK

/rpdorch/v1/service-catalog-topology/get-service-template-list

POST

Responses

Code	Description
200	OK

/rpdorch/v1/service-catalog-topology/get-service-definition

POST

Responses

Code	Description
200	OK

/rpdorch/v1/service-catalog-topology/delete-service-templates

POST

Responses

Code	Description
200	OK

/rpdorch/v1/service-catalog-topology/delete-service-template

POST

Responses

Code	Description
200	OK

/rpdorch/v1/service-catalog-topology/create-service-templates**POST****Responses**

Code	Description
200	OK

/rpdorch/v1/rpd-topology/update-rpd-inventory**POST****Responses**

Code	Description
200	OK

/rpdorch/v1/rpd-topology/send-test-gcp-message**POST****Responses**

Code	Description
200	OK

/rpdorch/v1/rpd-topology/refresh-rpd-status**POST****Responses**

Code	Description
200	OK

/rpdorch/v1/rpd-topology/query-rpd-topology**POST****Responses**

Code	Description
200	OK

/rpdorch/v1/rpd-topology/query-rpd-inventory

POST

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-topology/query-rpd-details

POST

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-topology/query-corewise-rpd-status

POST

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-topology/query-all-rpd-data

POST

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-topology/dump-system-info**POST****Responses**

Code	Description
200	OK

/rpdorch/v1/rpd-topology/delete-rpd-inventory**POST****Responses**

Code	Description
200	OK

/rpdorch/v1/rpd-topology/add-rpd-inventory**POST****Responses**

Code	Description
200	OK

/rpdorch/v1/rpd-pairing/set-rpd-pairing**POST****Responses**

Code	Description
200	OK

/rpdorch/v1/rpd-pairing/query-servicedefinition-rpdlist**POST****Responses**

Code	Description
200	OK

/rpdorch/v1/rpd-pairing/query-service-definition-rpds

POST

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-pairing/query-rpds-on-service-definition

POST

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-pairing/query-rpds-notinlatestSD

POST

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-pairing/query-rpd-pairing

POST

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-pairing/query-rpd-name-pairing

POST

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-pairing/query-rpd-mac-pairing

POST

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-pairing/delete-rpd-pairing

POST

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-pairing/clear-rpd-pairing

POST

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-compatibility/set-rpd-compatibility

POST

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-compatibility/query-rpd-compatibility

POST

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-compatibility/query-rpd-compatibility-list

POST

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-compatibility/delete-rpd-compatibility

POST

Responses

Code	Description
200	OK

/rpdorch/v1/rfpower-config/set-rfPower-profile

POST

Responses

Code	Description
200	OK

/rpdorch/v1/rfpower-config/get-rfPower-profiles

POST

Responses

Code	Description
200	OK

/rpdorch/v1/rfpower-config/delete-rfPower-profiles

POST

Responses

Code	Description
200	OK

/rpdorch/v1/resource-manager/test-release-resources

POST

Responses

Code	Description
200	OK

/rpdorch/v1/resource-manager/test-insert-resource

POST

Responses

Code	Description
200	OK

/rpdorch/v1/resource-manager/test-delete-resources

POST

Responses

Code	Description
200	OK

/rpdorch/v1/resource-manager/test-delete-interface-resources

POST

Responses

Code	Description
200	OK

/rpdorch/v1/resource-manager/test-assign-resources

POST

Responses

Code	Description
200	OK

/rpdorch/v1/resource-manager/dump-resource-map

POST

Responses

Code	Description
200	OK

/rpdorch/v1/global-config/set-global-config

POST

Responses

Code	Description
200	OK

/rpdorch/v1/global-config/reset-global-config

POST

Responses

Code	Description
200	OK

/rpdorch/v1/global-config/query-global-config

POST

Responses

Code	Description
200	OK

/rpdorch/v1/data-service/set-instance-id

POST

Responses

Code	Description
200	OK

/rpdorch/v1/data-service/get-instance-id

POST

Responses

Code	Description
200	OK

/rpdorch/v1/data-service/get-db-export-import-status-list

POST

Responses

Code	Description
200	OK

/rpdorch/v1/data-service/data-import

POST

Responses

Code	Description
200	OK

/rpdorch/v1/data-service/data-export

POST

Responses

Code	Description
200	OK

/rpdorch/v1/dashboard/count

POST

Responses

Code	Description
200	OK

/rpdorch/v1/core-topology/query-credentials

POST

Responses

Code	Description
200	OK

/rpdorch/v1/core-topology/query-core-details**POST****Responses**

Code	Description
200	OK

/rpdorch/v1/core-topology/query-CoreResourceUsage**POST****Responses**

Code	Description
200	OK

/rpdorch/v1/core-topology/fetch-ssh-key**POST****Responses**

Code	Description
200	OK

/rpdorch/v1/core-topology/delete-dpic-inventory**POST****Responses**

Code	Description
200	OK

/rpdorch/v1/core-topology/delete-core-inventory**POST****Responses**

Code	Description
200	OK

/rpdorch/v1/core-topology/add-dpic-inventory

POST

Responses

Code	Description
200	OK

/rpdorch/v1/core-topology/add-core-inventory

POST

Responses

Code	Description
200	OK

/rpdorch/v1/config-reconciliation/reconciliation-check

POST

Responses

Code	Description
200	OK

/rpdorch/v1/config-reconciliation/reconcile-from

POST

Responses

Code	Description
200	OK

/rpdorch/v1/config-reconciliation/perform-reconciliation**POST****Responses**

Code	Description
200	OK

/rpdorch/v1/config-reconciliation/get-reconciliation-report**POST****Responses**

Code	Description
200	OK

/rpdorch/v1/config-reconciliation/get-reconciliation-report-list**POST****Responses**

Code	Description
200	OK

/rpdorch/v2/rpd-topology/query-rpd-configurations**GET****Parameters**

Name	Located in	Description	Required	Schema
rpdMac	query		Yes	string

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-topology/query-rpd-configurations

GET

Parameters

Name	Located in	Description	Required	Schema
rpdMac	query		Yes	[string]

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-topology/get-service-template-counts

GET

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-topology/get-rpd-counts

GET

Responses

Code	Description
200	OK

Models

QueryRpdDetailsInput

Name	Type	Description	Required
macAddress	string		No
name	string		No

CliData

Name	Type	Description	Required
description	string		No
ipAddress	string		No
modifiedDate	string		No
configuraion	string		No

DeviceInfoRest

Name	Type	Description	Required
serialNumber	string		No
hwVersion	string		No
swVersion	string		No
bootRomVersion	string		No
modelName	string		No
vendorName	string		No

Error

Name	Type	Description	Required
errorType	string	<i>Enum: "User", "System"</i>	No

Name	Type	Description	Required
errorCode	string	<i>Enum:</i> "InputInvalid", "InputMismatch", "InputDuplicate", "InputMissing", "RecordExists", "RecordNotFound", "DataStoreConnectivityError", "DataStoreError", "DataNotFound", "InternalError", "OperationNotAllowed", "ResourceReleaseError", "ConfigurationError", "DeviceCommunicationError", "CoreNotOnline", "SshKeyFetchFailed", "InvalidCoreState"	No
errorMessage	string		No
errorTag	string		No

GpsLocationRest

Name	Type	Description	Required
latitude	number		No
longitude	number		No
genericLocation	string		No

QueryRpdDetailsOutputV2

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
macAddress	string		No
uuid	string		No
ipAddress	object		No
name	string		No
description	string		No

Name	Type	Description	Required
state	string	<i>Enum:</i> "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "Reconciled", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "Online", "PartialOnline", "DeletePending", "Offline", "OnlineWithException"	No
type	string		No
gpsLocation	object		No
deviceInfo	object		No
stateChangeTimestamp	int64		No
rpHistory	[object]		No
cli	[object]		No

RpdHistoryNotification

Name	Type	Description	Required
stateChangeTimestamp	int64		No

Name	Type	Description	Required
state	string	<i>Enum:</i> "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "Reconciled", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "Online", "PartialOnline", "DeletePending", "Offline", "OnlineWithException"	No
stateDetails	string		No
correctiveAction	string		No

AssignedCores

Name	Type	Description	Required
serviceType	string	<i>Enum:</i> "DATA", "VIDEO", "MULTICASTVIDEO", "OOB"	No
mgmtCore	string		No
rpdcConnection	string		No

PortConfig

Name	Type	Description	Required
dsPort	integer		No
basePower	float		No
tiltPivotFreq	integer		No

Name	Type	Description	Required
tiltSlope	float		No
usPort	integer		No
dsServiceGroup	string		No
usServiceGroup	string		No
videoServiceGroups	[string]		No
videoInterfaces	[string]		No
usPortDescription	string		No
rfpowerProfiles	[string]		No

SetRpdPairing

Name	Type	Description	Required
macAddress	string		No
name	string		No
type	string		No
description	string		No
gpsLocation	object		No
previousName	string		No
serviceTemplate	string		No
approvalState	string	Enum: "Pending", "Approved"	No
nodeSegmentation	string	Enum: "RPD_1x1", "RPD_1x2", "RPD_2x2"	No
shelf	boolean		No
controllerAlignment	boolean		No
dsgTgList	[integer]		No
assignedCores	[object]		No
portConfigs	[object]		No
downstreamVmid	integer		No
downstreamVlanProfile	integer		No
upstreamVmid	integer		No
upstreamVlanProfile	integer		No
secondUpstreamVlanProfile	integer		No
additionalCores	[string]		No
preConfigure	boolean		No
ssdProfileId	integer		No
disableNetworkDelay	boolean		No

SetRpdPairingInput

Name	Type	Description	Required
setRpdPairingList	[object]		No

RpdStatusOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
macAddress	string		No
name	string		No

SetRpdPairingOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
rpdpairingResponse	[object]		No

SetLatestSDRpdPairingInput

Name	Type	Description	Required
rpds	[string]		No

SetLatestSDRpdPairingOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
rpdpairingResponse	[object]		No

QueryRpdPairingInput

Name	Type	Description	Required
pageSize	integer		No
nextFrom	string		No
configChangeTsDelta	long		No
statusChangeTsDelta	long		No
approvalState	string	<i>Enum: "Pending", "Approved"</i>	No
pairedRpdsOnly	boolean		No

QueryRpdPairingOutput

Name	Type	Description	Required
status	string	<i>Enum: "Success", "Failure", "PartialSuccess"</i>	No
error	object		No
rpdsPairingRsp	[object]		No
nextFrom	string		No

RpdPairingOutput

Name	Type	Description	Required
status	string	<i>Enum: "Success", "Failure", "PartialSuccess"</i>	No
error	object		No
macAddress	string		No
name	string		No
description	string		No
approvalState	string	<i>Enum: "Pending", "Approved"</i>	No
additionalCorps	[object]		No

Name	Type	Description	Required
state	string	<i>Enum:</i> "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "Reconciled", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "Online", "PartialOnline", "DeletePending", "Offline", "OnlineWithException"	No
pairingChangeTimestamp	integer		No
serviceTemplate	string		No
nodeSegmentation	string	<i>Enum:</i> "RPD_1x1", "RPD_1x2", "RPD_2x2"	No
dsgTgList	[integer]		No
downstreamVlanId	integer		No
downstreamVlanProfile	integer		No
shelf	boolean		No
upstreamVlanId	integer		No
upstreamVlanProfile	integer		No
secondUpstreamVlanProfile	integer		No
disableNetworkDelay	boolean		No
assignedCores	[object]		No
portConfigs	[object]		No
gpsLocation	object		No
ssidProfileId	integer		No
controllerAlignment	boolean		No
sduid	string		No
sdVersion	integer		No

QueryRpdNamePairingInput

Name	Type	Description	Required
nameList	[string]		No

QueryRpdNamePairingOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
rpdPairingResp	[object]		No

QueryRpdMacPairingInput

Name	Type	Description	Required
macAddressList	[string]		No

QueryRpdMacPairingOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
rpdPairingResp	[object]		No

DeleteRpdPairingInput

Name	Type	Description	Required
nameList	[string]		No

DeleteRpdPairingOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
rpdpairingResponse	[object]		No

ClearRpdPairingInput

Name	Type	Description	Required
nameList	[string]		No
macAddressList	[string]		No

ClearRpdPairingOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
rpdpairingResponse	[object]		No

RpdRestCompatibilityKey

Name	Type	Description	Required
rpdpVendor	string		No
rpdpSwVersion	string		No
routerType	string		No
routerSwVersion	string		No

RpdRestCompatibilityV2

Name	Type	Description	Required
existingRecord	object		No
newRecord	object		No

SetRpdCompatibilityInputV2

Name	Type	Description	Required
compatibilityList	[object]		No

RpdRestCompatibilityStatus

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
key	object		No

SetRpdCompatibilityOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
statusList	[object]		No

SetRedirectVersionInput

Name	Type	Description	Required
rpVersion	string		No
rpVendor	string		No
redirectVersion	string	<i>Enum:</i> "I15"	No

SetRedirectVersionOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
rpVersion	string		No

Name	Type	Description	Required
rpdVendor	string		No
redirectVersion	string		No

DeleteRedirectVersionInput

Name	Type	Description	Required
rpdVersion	string		No
rpdVendor	string		No

DeleteRedirectVersionOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No

GcpRedirectRpdDetails

Name	Type	Description	Required
rpdVersion	string		No
rpdVendor	string		No
redirectVersion	string	<i>Enum:</i> "I15"	No

QueryRedirectVersionListOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
gcpRedirectVersionList	string		No

DumpSystemInfoOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
deletePendingRpcs	[string]		No
lockedRpcs	[string]		No
beingGcpUpRpcs	[string]		No
threadPoolInfo	object		No

ThreadPoolInfo

Name	Type	Description	Required
name	string		No
queueSize	integer		No
activeCount	integer		No
completedTaskCount	long		No
corePoolSize	integer		No
largestPoolSize	integer		No
maxPoolSize	integer		No
poolSize	integer		No
taskCount	long		No

ShowCommitQueueInput

Name	Type	Description	Required
showAll	boolean		No

QueueItem

Name	Type	Description	Required
id	string		No
tag	string		No
age	integer		No
status	string		No
devices	[string]		No
when	dateTime		No
failureReason	string		No

ShowCommitQueueOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
queueItems	[object]		No

DeleteCommitQueueItemInput

Name	Type	Description	Required
queueItemId	string		No

AddServiceTemplateInput

Name	Type	Description	Required
name	string		No
defaultFlag	boolean		No
autoAccept	boolean		No
pilotToneProfile	integer		No
dsgTunnelGroupIDs	[integer]		No
loadBalanceXml	string		No
networkDelayStatic	integer		No
networkDelayDlm	integer		No
dlnMeasureOnly	boolean		No
elementsList	[object]		No
rpdNameList	[string]		No
uuid	string		No
enforce	boolean		No

ServiceElementInput

Name	Type	Description	Required
description	string		No
serviceType	string	<i>Enum:</i> "DATA", "VIDEO", "MULTICASTVIDEO", "OOB"	No
serviceGroupName	string		No
eventProfile	integer		No
mdSplitting	boolean		No

Name	Type	Description	Required
downstreamVpnId	integer		No
upstreamVpnId	integer		No
downstreamVpnProfile	long		No
upstreamVpnProfile	long		No
secondUpstreamVpnProfile	long		No
downstreamControllerProfile	integer		No
upstreamControllerProfile	integer		No
svcNdfProfiles	[object]		No
svcNdrProfiles	[object]		No
rfPowerAdjust	[string]		No
rdtiConfig	integer		No

ServiceOobProfile

Name	Type	Description	Required
pwName	string		No
profileId	long		No
portNum	integer		No

AddServiceTemplateOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
name	string		No

ServiceGroupProfilesInput

Name	Type	Description	Required
allCore	boolean		No
coreIdentifier	[string]		No

ServiceGroupProfilesOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
servicegroupprofiles	[string]		No

ServiceDefinitionDiffInput

Name	Type	Description	Required
uuid	string		No
sdversion1	integer		No
sdversion2	integer		No

ServiceDefinitionDiffOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
serviceTemplate1	object		No
serviceTemplate2	object		No

ServiceElementOutput

Name	Type	Description	Required
description	string		No
serviceType	string	<i>Enum:</i> "DATA", "VIDEO", "MULTICASTVIDEO", "OOB"	No
serviceGroupName	string		No
eventProfile	integer		No
mdSplitting	boolean		No
downstreamControllerProfile	integer		No
upstreamControllerProfile	integer		No
downstreamVpnId	integer		No
downstreamVpnProfile	integer		No
upstreamVpnId	integer		No
upstreamVpnProfile	integer		No
secondUpstreamVpnProfile	integer		No

Name	Type	Description	Required
svcNdfProfiles	object]		No
svcNdrProfiles	object]		No
rfPowerAdjust	string]		No
rdtiConfig	integer		No

ServiceTemplateOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
name	string		No
defaultFlag	boolean		No
autoAccept	boolean		No
rpdsAssigned	long		No
rpdsProvisioned	boolean		No
pilotToneProfile	integer		No
dsgTunnelGroup	integer]		No
loadBalanceX	string		No
networkDelay	integer		No
networkDelay	integer		No
dlnMeasureOnly	boolean		No
uuid	string		No
sdversion	integer		No
timestamp	string		No
user	string		No
elementsList	[object]		No

GetServiceTemplateInput

Name	Type	Description	Required
name	string		No

GetServiceTemplateOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
name	string		No
defaultFlag	boolean		No
autoAccept	boolean		No
rpdsAssigned	long		No
rpdsProvisioned	boolean		No
pilotToneProfile	integer		No
dsgTunnelGroupID	integer]		No
loadBalanceX	string		No
networkDelay	integer		No
networkDelayID	integer		No
dlnMeasureOnly	boolean		No
uuid	string		No
sdversion	integer		No
timestamp	string		No
user	string		No
elementsList	[object]		No

GetServiceTemplateRpdsAssignedListOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
serviceTemplateRpdsAssignedOutputList	object		No

ServiceTemplateRpdsAssignedOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
name	string		No
rpdsAssigned	long		No

GetServiceTemplateListOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
serviceTemplateOutputList	ObjectList		No

GetServiceDefinitionOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
serviceTemplateOutputList	ObjectList		No

DeleteServiceTemplateListInput

Name	Type	Description	Required
nameList	[string]		No

DeleteServiceTemplateListOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
deleteServiceTemplateOutputList	ObjectList		No

DeleteServiceTemplateOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No

Name	Type	Description	Required
error	object		No
name	string		No

DeleteServiceTemplateInput

Name	Type	Description	Required
name	string		No

AddServiceTemplateListInput

Name	Type	Description	Required
serviceTemplateInputList	[object]		No

AddServiceTemplateListOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
addServiceTemplateOutputList	[object]		No

UpdateRpdInventoryInput

Name	Type	Description	Required
macAddress	string		No
name	string		No
type	string		No
description	string		No
gpsLocation	object		No

UpdateRpdInventoryOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
macAddress	string		No
name	string		No

SendTestGcpMessageInput

Name	Type	Description	Required
macAddressList	string []		No
bypassConfigService	boolean		No
bypassDelayInSeconds	integer		No
rpVendor	string		No
rpSwVersion	string		No
rpIpAddress	object		No
gcpEventType	string	<i>Enum:</i> "GcpEventUp", "GcpEventRedirected", "GcpEventRedirectError"	No

SendTestGcpMessageOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No

RefreshRPDStatusInput

Name	Type	Description	Required
macAddress	string		No
name	string		No

RefreshRPDStatusOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No

QueryRpdTopologyInput

Name	Type	Description	Required
macAddressList	[string]		No

QueryRpdTopologyOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
rpdtTopology	[object]		No

RpdTopology

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
macAddress	string		No
uuid	string		No
name	string		No
rpdtConnected	[string]		No

Name	Type	Description	Required
rpdsState	string	<i>Enum:</i> "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "Reconciled", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "Online", "PartialOnline", "DeletePending", "Offline", "OnlineWithException"	No

GpsRange

Name	Type	Description	Required
from	number		No
to	number		No

QueryRpdInventoryInput

Name	Type	Description	Required
latitudeRange	object		No
longitudeRange	object		No
timestampDelta	long		No
pageSize	integer		No
nextFrom	string		No

GpsLocationRange

Name	Type	Description	Required
latitudeRange	object		No
longitudeRange	object		No

QueryRpdInventoryOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
nextFrom	string		No
gpsLocationRange	object		No
rpdiInventory [object]			No

RpdInventory

Name	Type	Description	Required
macAddress	string		No
uuid	string		No
name	string		No
description	string		No
modelNumber	string		No
ipAddress	object		No

Name	Type	Description	Required
state	string	<i>Enum:</i> "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "Reconciled", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "Online", "PartialOnline", "DeletePending", "Offline", "OnlineWithException"	No
stateChangeTime	int64		No
gpsLocation	object		No

QueryRpdDetailsOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
macAddress	string		No
uuid	string		No
ipAddress	object		No
name	string		No
description	string		No

Name	Type	Description	Required
state	string	<i>Enum:</i> "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "Reconciled", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "Online", "PartialOnline", "DeletePending", "Offline", "OnlineWithException"	No
type	string		No
gpsLocation	object		No
deviceInfo	object		No
stateChangeTime	int64		No
rpHistory	[object]		No
cli	string		No

QueryRpdStateInput

Name	Type	Description	Required
nameList	[string]		No
macAddressList	[string]		No

CorewiseRpdStates

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
interfacewiseRpdStates	object		No

QueryRpdStateOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
corewiseRpdStateResponse	object		No

RpdCorewiseStateOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
rpName	string		No
macAddress	string		No
corewiseRpdSubject	object		No

QueryAllRpdDataInput

Name	Type	Description	Required
latitudeRange	object		No
longitudeRange	object		No
timeStampDelta	long		No

QueryAllRpdDataOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
gpsLocation	object		No
rpdata	[object]		No

RpdData

Name	Type	Description	Required
macAddress	string		No
uuid	string		No
ipAddress	object		No
name	string		No
description	string		No
state	string	<i>Enum:</i> "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "Reconciled", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "Online", "PartialOnline", "DeletePending", "Offline", "OnlineWithException"	No
type	string		No
stateChangeTime	timestamp		No
gpsLocation	object		No

Name	Type	Description	Required
deviceInfo	object		No
serviceTemplate	string		No
approvalState	string	<i>Enum: "Pending", "Approved"</i>	No
assignedCores	[object]		No
portConfigs	[object]		No
additionalCores	object		No
nodeSegmentation	string	<i>Enum: "RPD_1x1", "RPD_1x2", "RPD_2x2"</i>	No
dsgTgList	[integer]		No
downstreamVlanId	integer		No
downstreamVlanProfile	integer		No
upstreamVlanId	integer		No
upstreamVlanProfile	integer		No
secondUpstreamVlanProfile	integer		No
pairingChangeTime	Timestamp		No
rpdHistory	[object]		No
cli	string		No
ssidProfileId	integer		No
disableNetworkDelay	boolean		No
shelf	boolean		No
controllerAlignment	boolean		No
sdVersion	integer		No

DeleteRpdInventoryInput

Name	Type	Description	Required
macAddress	string		No

DeleteRpdInventoryOutput

Name	Type	Description	Required
status	string	<i>Enum: "Success", "Failure", "PartialSuccess"</i>	No
error	object		No
macAddress	string		No

AddRpdInventoryInput

Name	Type	Description	Required
macAddress	string		No
name	string		No
type	string		No
description	string		No
gpsLocation	object		No

AddRpdInventoryOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
macAddress	string		No
name	string		No

QueryRpdListOnServiceDefinitionInput

Name	Type	Description	Required
sdid	string		No
page_size	integer		No
next_from	string		No

QueryRpdListOnServiceDefinitionOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
rpdserviceDefinitionList	object		No
next_from	string		No

RpdDetails

Name	Type	Description	Required
name	string		No

Name	Type	Description	Required
macAddress	string		No
state	string		No
approvalState	string		No
version	string		No
sdversion	integer		No
suid	string		No
segmentation	string	<i>Enum:</i> "RPD_1x1", "RPD_1x2", "RPD_2x2"	No

RpdServiceDefinition

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
serviceName	string		No
rpdsAssigned	long		No
sdVersionCount	[object]		No
rpdlList	[object]		No

SdVersionCount

Name	Type	Description	Required
sdversion	integer		No
count	long		No

GetServiceTemplateInputList

Name	Type	Description	Required
serviceTemplateList	[object]		No

QueryRpdServiceDefinition

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
rpdsServiceDefinitionList	[object]		No

QueryRpdOnServiceDefinitionInput

Name	Type	Description	Required
uuid	string		No
sdversion	integer		No

QueryRpdOnServiceDefinition

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
rpdsList	[object]		No

QueryRpdsNotonLatestSDInput

Name	Type	Description	Required
sdname	string		No
page_size	integer		No
next_from	string		No

QueryRpdsNotonLatestSDOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
rpdsList	[object]		No
next_from	string		No

RpdRestCompatibility

Name	Type	Description	Required
key	object		No

SetRpdCompatibilityInput

Name	Type	Description	Required
compatibilityList	[object]		No

QueryRpdCompatibilityInput

Name	Type	Description	Required
key	object		No

QueryRpdCompatibilityOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
key	object		No

QueryRpdCompatibilityListInput

Name	Type	Description	Required
QueryRpdCompatibilityListInput	object		

QueryRpdCompatibilityListOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No

Name	Type	Description	Required
compatibilityList	[object]		No

DeleteRpdCompatibilityInput

Name	Type	Description	Required
compatibilityKeyList	[object]		No

DeleteRpdCompatibilityOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
statusList	[object]		No

RFPowerConfigInput

Name	Type	Description	Required
profileName	string		No
rfChannels	string		No
powerAdjust	string		No

RFPowerConfigOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No

QueryRFPowerConfigInput

Name	Type	Description	Required
QueryRFPowerConfigInput	object		

GetRfPowerConfigOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
rfPowerConfigOutputList	[Object]		No

DeleteRfPowerConfigInput

Name	Type	Description	Required
profilenames	[string]		No

DeleteRfPowerConfigOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
profileName	string		No

DeleteRfPowerConfigOutputList

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
deleteRfPowerConfigOutputList	[Object]		No

TestReleaseResourcesInput

Name	Type	Description	Required
coreUuid	string		No
rpMacAddress	string		No

TestInsertResourcesInput

Name	Type	Description	Required
coreUuid	string		No
rpdcConnectionInterface	string		No

TestDeleteResourcesInput

Name	Type	Description	Required
coreUuid	string		No

TestDeleteInterfaceResourcesInput

Name	Type	Description	Required
coreUuid	string		No
rpdcConnectionInterfaceList	[string]		No

TestAssignResourcesToRpdInput

Name	Type	Description	Required
coreUuid	string		No
rpdcConnectionInterface	string		No
rpdcMacAddress	string		No

DumpResourceMapOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
resourceMap	object		No
usedRPDResources	object		No

SetGlobalConfigInput

Name	Type	Description	Required
staticRouting	boolean		No
rpdsSoftwareVersionValidate	boolean		No
coreConfigPersist	boolean		No
cableDsg	boolean		No
coreConfigPersistInterval	integer		No

SetGlobalConfigOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No

ResetGlobalConfigInput

Name	Type	Description	Required
ResetGlobalConfigInput	object		

ResetGlobalConfigOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No

QueryGlobalConfigInput

Name	Type	Description	Required
QueryGlobalConfigInput	object		

ConfigRecord

Name	Type	Description	Required
staticRouting	boolean		No
rpdsSoftwareVersionValidate	boolean		No
coreConfigPersist	boolean		No
cableDsg	boolean		No
coreConfigPersistInterval	integer		No

QueryGlobalConfigOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
config	object		No

SetInstanceIdInput

Name	Type	Description	Required
instanceId	string		No

SetInstanceIdOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No

GetInstanceIdInput

Name	Type	Description	Required
GetInstanceIdInput	object		

GetInstanceIdOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
instanceId	string		No
instanceDate	dateTime		No
instanceZone	string		No
instanceZoneOffset	integer		No
instanceInDST	boolean		No

DbExportImportStatus

Name	Type	Description	Required
operation	string	<i>Enum:</i> "EXPORT", "IMPORT"	No
startTime	dateTime		No
currentTime	dateTime		No
state	string	<i>Enum:</i> "PENDING", "SUCCESS", "FAILED"	No
message	string		No
exportDirectory	string		No
filename	string		No
exportInProgress	boolean		No
importInProgress	boolean		No
upgradeInProgress	boolean		No

GetDbExportImportStatusOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
dbExportImportStatusList	list		No

DataImportInput

Name	Type	Description	Required
dir	string		No
server	string		No
username	string		No

Name	Type	Description	Required
password	string		No
passphrase	string		No
filename	string		No
overwrite	boolean		No
action	string	<i>Enum: "IMPORT", "DELETE_AND_IMPORT"</i>	No

DataImportOutput

Name	Type	Description	Required
status	string	<i>Enum: "Success", "Failure", "PartialSuccess"</i>	No
error	object		No

DataExportInput

Name	Type	Description	Required
dir	string		No
server	string		No
username	string		No
password	string		No
passphrase	string		No

DataExportOutput

Name	Type	Description	Required
status	string	<i>Enum: "Success", "Failure", "PartialSuccess"</i>	No
error	object		No
filename	string		No

CountOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
coreCount	integer		No
rpdcCount	integer		No
rpdcAssociationCount	integer		No
principalCoreAssociationCount	integer		No
auxCoreAssociationCount	integer		No
serviceTemplateCount	integer		No
credProfileCount	integer		No

QueryCredentialsInput

Name	Type	Description	Required
QueryCredentialsInput	object		

QueryCredentialsOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
credentialProfiles	string]		No

QueryCoreDetailsInput

Name	Type	Description	Required
ipAddressList	[object]		No
state	string	<i>Enum:</i> "UNKNOWN", "ONLINE", "MAINTENANCE", "NORMALOPS_PROGRESS", "RECONCILIATION_PROGRESS", "RECONCILED", "RECONCILIATION_FAILED", "OFFLINE", "SSHKEYFETCH_IN_PROGRESS", "SSHKEYFETCH_FAILED"	No

CoreDetails

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
ipAddressList	[object]		No
uuid	string		No
gpsLocation	object		No
hostName	string		No
description	string		No
interfacesList	[object]		No
virtualSGs	[object]		No
ndfProfiles	object		No
ndrProfiles	object		No
ssdProfiles	[object]		No
state	string	<i>Enum:</i> "UNKNOWN", "ONLINE", "MAINTENANCE", "NORMALOPS_PROGRESS", "RECONCILIATION_PROGRESS", "RECONCILED", "RECONCILIATION_FAILED", "OFFLINE", "SSHKEYFETCH_IN_PROGRESS", "SSHKEYFETCH_FAILED"	No
productType	string		No
swVersion	string		No
vendorName	string		No
protectedLC	integer		No

DpicInterface

Name	Type	Description	Required
name	string		No
dpicIpMaskList	[object]		No

IpMask

Name	Type	Description	Required
ip	object		No

Name	Type	Description	Required
prefixLen	integer		No

OOBProfiles

Name	Type	Description	Required
pwNames	[string]		No
profileIds	[long]		No

QueryCoreDetailsOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
coreList	[object]		No

SsdProfile

Name	Type	Description	Required
id	integer		No
name	string		No

VirtualSG

Name	Type	Description	Required
name	string		No
dsControllerId	string		No
slotNumber	integer		No
profileId	integer		No
isVideoController	boolean		No

QueryCoreResourceUsageInput

Name	Type	Description	Required
coreIdentifier	string		No

QueryCoreResourceUsageOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
fiberNodes	[string]		No
dscontrollers	[string]		No
uscontrollers	[string]		No
macDomain	[string]		No

FetchSshKeyInput

Name	Type	Description	Required
ipAddressList	[object]		No
allCore	boolean		No

FetchSshKeyOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
ipAddress	object		No

DeleteDpicInventoryInput

Name	Type	Description	Required
ipAddress	object		No
interfacesList	[object]		No

DeleteDpicInventoryOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
ipAddress	object		No

DeleteCoreInventoryInput

Name	Type	Description	Required
ipAddressList	[object]		No

DeleteCoreInventoryOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
ipAddressList	[object]		No

AddDpicInventoryInput

Name	Type	Description	Required
ipAddress	object		No
interfacesList	[object]		No

AddDpicInventoryOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
ipAddressList	[object]		No

AddCoreInventoryInput

Name	Type	Description	Required
ipAddressList	[object]		No
profile	string		No
gpsLocation	object		No
description	string		No
hostName	string		No
uuid	string		No
productType	string		No
swVersion	string		No
vendorName	string		No

AddCoreInventoryOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
ipAddressList	[object]		No

CoreKeyInput

Name	Type	Description	Required
ipAddressList	[object]		No

CoreReconciliationOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
ipAddress	object		No
reconciliationJobId	string		No

CoreReconciliationInput

Name	Type	Description	Required
ipAddressList	[object]		No
reconciliationAction	string		No

ReconciliationReportParams

Name	Type	Description	Required
reportId	string		No
coreIpAddress	object		No
rpIdIdentifier	string		No

ConfigDiff

Name	Type	Description	Required
configname	string		No
configpath	string		No
configtype	string		No
configvalueincore	string		No
configvalueinsmartphy	string		No

ReconciliationReport

Name	Type	Description	Required
key	object		No
reconciliationId	long		No
state	string	<i>Enum: "Missing", "Identical", "Different"</i>	No
presentincore	boolean		No
presentinsystem	boolean		No
configdiff	[object]		No
actionperforming	string		No

ReconciliationReportKey

Name	Type	Description	Required
reconciliationid	string		No
coreidentifier	string		No
rpidentifier	string		No

ReconciliationMeta

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
reportId	string		No
reportTime	string		No

CoreConfigurationDetailsV2

Name	Type	Description	Required
coreHostname	string		No
coreIpAddress	string		No
coreType	string		No
coreConfigurationTime	string		No
coreServiceDetails	[object]		No
coreConfigurationCli	string		No

DeviceInfoDetails

Name	Type	Description	Required
rpdVendor	string		No
rpdModel	string		No
rpdSWVersion	string		No

GpsLocation

Name	Type	Description	Required
latitude	number		No
longitude	number		No
genericlocation	string		No

RpdConfigurationDetailsV2

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
name	string		No
macAddress	string		No
state	string	<i>Enum:</i> "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "Reconciled", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "Online", "PartialOnline", "DeletePending", "Offline", "OnlineWithException"	No
rpdtType	string		No
ipAddress	string		No
rpdtSWUpgrade	string		No
rpdtUpTime	long		No
description	string		No
gpsLocation	object		No
deviceInfo	object		No
coreConfiguration	object]		No

ServiceDetailsV2

Name	Type	Description	Required
coreInterfaces	object		No
serviceType	string	<i>Enum:</i> "DATA", "VIDEO", "MULTICASTVIDEO", "OOB"	No

CoreConfigurationDetails

Name	Type	Description	Required
coreHostname	string		No
coreIpAddress	string		No
coreType	string		No
coreConfigurationTime	string		No
coreServiceDetails	[object]		No
coreConfigurationCli	string		No

RpdConfigurationDetails

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
rpName	string		No
rpMacAddress	string		No

Name	Type	Description	Required
rpdsState	string	<i>Enum:</i> "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "Reconciled", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "Online", "PartialOnline", "DeletePending", "Offline", "OnlineWithException"	No
rpdsType	string		No
coreConfigurationObject	object		No

RpdConfigurationDetailsListOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
rpdsConfigurationDetailsList	object		No

ServiceDetails

Name	Type	Description	Required
coreInterfaces	[string]		No

Name	Type	Description	Required
serviceType	string	<i>Enum:</i> "DATA", "VIDEO", "MULTICASTVIDEO", "OOB"	No

RpdCount

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
rpdcCount	object		No

Inventory Manager APIs

Version: 22.1.0

License: [Cisco Systems, Inc.](#)

/inventory/v2/credential/query-credential-profile

POST

Responses

Code	Description
200	OK

/inventory/v2/credential/delete-credential-profile

POST

Responses

Code	Description
200	OK

/inventory/v1/instance/set-instance-id

POST

Responses

Code	Description
200	OK

/inventory/v1/instance/get-instance-id

POST

Responses

Code	Description
200	OK

/inventory/v1/device/update-device-inventory

POST

Responses

Code	Description
200	OK

/inventory/v1/device/update-device-inventory-list

POST

Responses

Code	Description
200	OK

/inventory/v1/device/update-ccap-core-state

POST

Responses

Code	Description
200	OK

/inventory/v1/device/query-device-list

POST

Responses

Code	Description
200	OK

/inventory/v1/device/delete-device-inventory

POST

Responses

Code	Description
200	OK

/inventory/v1/device/add-device-inventory

POST

Responses

Code	Description
200	OK

/inventory/v1/device/add-device-inventory-list

POST

Responses

Code	Description
200	OK

/inventory/v1/credential/set-credential-profile

POST

Responses

Code	Description
200	OK

/inventory/v1/credential/query-credential-profile

POST

Responses

Code	Description
200	OK

/inventory/v1/credential/delete-credential-profile

POST

Responses

Code	Description
200	OK

/api/config/smiuser/_operations/change-password

POST

Responses

Code	Description
200	OK

/inventory/v2/credential/get-inventory-counts

GET

Responses

Code	Description
200	OK

Models

QueryCredentialProfileInput

Name	Type	Description	Required
profileNameList	[string]		No

CredentialProfileOutputV2

Name	Type	Description	Required
profileId	string		No
profileName	string		No
username	string		No
password	string		No
enablePassword	string		No
connectionType	string	<i>Enum: "SSH", "Telnet"</i>	No
port	integer		No
snmpReadCommunity	string		No
snmpWriteCommunity	string		No
timeStamp	dateTime		No
status	object		No
used	boolean		No

Error

Name	Type	Description	Required
errorType	string	<i>Enum: "User", "System"</i>	No
errorCode	string	<i>Enum: "InputInvalid", "InputMismatch", "InputDuplicate", "InputMissing", "RecordExists", "RecordNotFound", "DataStoreConnectivityError", "DataStoreError", "DataNotFound", "InternalError", "OperationNotAllowed", "ResourceReleaseError", "ConfigurationError", "DeviceCommunicationError", "CoreNotOnline", "SshKeyFetchFailed", "InvalidCoreState"</i>	No
errorMessage	string		No

Name	Type	Description	Required
errorTag	string		No

QueryCredentialProfileOutputV2

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
credentialProfileList	[object]		No

Status

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No

DeleteCredProfileListInput

Name	Type	Description	Required
deleteCredentialProfileInputList	[object]		No

DeleteCredentialProfileInput

Name	Type	Description	Required
profileName	string		No

DeleteCredProfileListOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No

Name	Type	Description	Required
deleteCredentialProfileOutput	object		No

DeleteCredentialProfileOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
profileName	string		No

SetInstanceIdInput

Name	Type	Description	Required
instanceId	string		No

SetInstanceIdOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No

GetInstanceIdInput

Name	Type	Description	Required
GetInstanceIdInput	object		

GetInstanceIdOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No

Name	Type	Description	Required
instanceId	string		No
instanceDate	dateTime		No
instanceZone	string		No
instanceZoneOffset	integer		No
instanceInDST	boolean		No

GpsLocation

Name	Type	Description	Required
latitude	number		No
longitude	number		No
genericlocation	string		No

UpdateDeviceInventoryInput

Name	Type	Description	Required
deviceKeyType	string	<i>Enum:</i> "IPADDRESS", "MACADDRESS"	No
macAddress	string		No
ipAddressList	[object]		No
credentialProfile	string		No
gpsLocation	object		No
description	string		No
hostName	string		No
uuid	string		No
productType	string		No

UpdateDeviceInventoryOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
deviceKey	string		No

UpdateDeviceInventoryListInput

Name	Type	Description	Required
updateDeviceInventoryInputList	[object]		No

UpdateDeviceInventoryListOutput

Name	Type	Description	Required
status	string	<i>Enum: "Success", "Failure", "PartialSuccess"</i>	No
error	object		No
updateDeviceInventoryOutputList	[object]		No

MaintainCCAPCoreInput

Name	Type	Description	Required
deviceKeyList	[string]		No
allCore	boolean		No
reconcile	boolean		No
maintenanceState	string	<i>Enum: "MAINTENANCE", "NORMAL"</i>	No

DeviceStatusOutput

Name	Type	Description	Required
status	string	<i>Enum: "Success", "Failure", "PartialSuccess"</i>	No
error	object		No
deviceKey	string		No

MaintainCCAPCoreOutput

Name	Type	Description	Required
status	string	<i>Enum: "Success", "Failure", "PartialSuccess"</i>	No
error	object		No
deviceRspList	[object]		No

QueryDeviceListInput

Name	Type	Description	Required
deviceKeyList	[string]		No
pageSize	integer		No
nextFrom	string		No

DeviceDetails

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
deviceKey	string		No
deviceKeyType	string	<i>Enum:</i> "IPADDRESS", "MACADDRESS"	No

Name	Type	Description	Required
state	string	<i>Enum:</i> "UNKNOWN", "ONLINE", "MAINTENANCE", "NORMALOPS_PROGRESS", "RECONCILIATION_PROGRESS", "RECONCILED", "RECONCILIATION_FAILED", "OFFLINE", "SSHKEYFETCH_IN_PROGRESS", "SSHKEYFETCH_FAILED", "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "PartialOnline", "DeletePending", "OnlineWithException"	No
stateChangeTime	timestamp		No
macAddress	string		No
ipAddressList	[object]		No
uuid	string		No
credentialProfile	string		No
gpsLocation	object		No
hostName	string		No
description	string		No
productType	string		No
deviceInfo	object		No
deviceHistory	[object]		No
tagDetails	[object]		No

DeviceHistoryNotification

Name	Type	Description	Required
state	string	<i>Enum:</i> "UNKNOWN", "ONLINE", "MAINTENANCE", "NORMALOPS_PROGRESS", "RECONCILIATION_PROGRESS", "RECONCILED", "RECONCILIATION_FAILED", "OFFLINE", "SSHKEYFETCH_IN_PROGRESS", "SSHKEYFETCH_FAILED", "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "PartialOnline", "DeletePending", "OnlineWithException"	No
stateDetails	string		No
correctiveAction	string		No
stateChangeTime	TimeStamp		No

DeviceInfo

Name	Type	Description	Required
serialNumber	string		No
hwVersion	string		No
swVersion	string		No
bootRomVersion	string		No
modelName	string		No
vendorName	string		No

QueryDeviceListOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
nextFrom	string		No
deviceList	[object]		No

TagDetails

Name	Type	Description	Required
id	string		No
tagName	string		No
colorid	integer		No
colorcode	string		No

DeleteDeviceInventoryInput

Name	Type	Description	Required
deviceKeyList	[string]		No

DeleteDeviceInventoryOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
deviceRspList	[object]		No

AddDeviceInventoryInput

Name	Type	Description	Required
deviceKeyType	string	<i>Enum:</i> "IPADDRESS", "MACADDRESS"	No
macAddress	string		No
ipAddressList	[object]		No

Name	Type	Description	Required
credentialProfile	string		No
gpsLocation	object		No
description	string		No
hostName	string		No
uuid	string		No
productType	string		No

AddDeviceInventoryOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
deviceKey	string		No

AddDeviceInventoryListInput

Name	Type	Description	Required
addDeviceInventoryInputList	[object]		No

AddDeviceInventoryListOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
addDeviceInventoryOutputList	[object]		No

SetCredentialProfileInput

Name	Type	Description	Required
profileId	string		No
profileName	string		No
username	string		No
password	string		No

Name	Type	Description	Required
connectionType	string	<i>Enum: "SSH", "Telnet"</i>	No
port	integer		No
enablePassword	string		No
snmpReadCommunity	string		No
snmpWriteCommunity	string		No

SetCredentialProfileOutput

Name	Type	Description	Required
status	string	<i>Enum: "Success", "Failure", "PartialSuccess"</i>	No
error	object		No
profileName	string		No

CredentialProfileOutput

Name	Type	Description	Required
profileId	string		No
profileName	string		No
username	string		No
password	string		No
enablePassword	string		No
connectionType	string	<i>Enum: "SSH", "Telnet"</i>	No
port	integer		No
snmpReadCommunity	string		No
snmpWriteCommunity	string		No
timeStamp	dateTime		No
status	object		No

QueryCredentialProfileOutput

Name	Type	Description	Required
status	string	<i>Enum: "Success", "Failure", "PartialSuccess"</i>	No
error	object		No
credentialProfileList	Object []		No

UserResetPasswordInput

Name	Type	Description	Required
username	string		Yes
current_password	string		Yes
new_password	string		Yes
confirm_password	string		Yes

InventoryCount

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
deviceCountByStatus	object		No
deviceCountByType	object		No
credentialCount	object		No
rpdcCountBySubject	object		No

Operations Hub Authentication API

Version: 1.0

Contact information:

Operations Hub API Support

Security

BasicAuth

basic	<i>Basic</i>
-------	--------------

/loglevel

GET

Summary Get HM Auth Current LogLevel

Description Get HM Auth Current LogLevel

Responses

Code	Description	Schema
200	OK	auth.LogLevel

Security

Security Schema	Scopes
AuthBearerHeader	

PUT

Summary Set HM Auth LogLevel

Description Set HM Auth LogLevel

Parameters

Name	Located in	Description	Required	Schema
LogLevel	body	Log Level	Yes	auth.LogLevel

Responses

Code	Description	Schema
200	OK	auth.LogLevel
400	Bad Request	string

Security

Security Schema	Scopes
AuthBearerHeader	

/reset-internal-user**PATCH**

Summary Reset internal admin user for opshub-data namespace

Description Reset internal admin user for opshub-data namespace

Parameters

Name	Located in	Description	Required	Schema
ResetPasswordRequestObj	body	Reset Internal User	Yes	structs.ResetPasswordRequestObj

Responses

Code	Description	Schema
200	OK	string
400	Bad Request	string

/v1/login/banner**GET**

Summary Get login banner message

Description Get login banner message default is in english

Responses

Code	Description	Schema
200	OK	auth.Content
500	Internal Server Error	auth.ErrorResponse

PATCH

Summary Create, update login banner message

Description Create, update login banner message

Parameters

Name	Located in	Description	Required	Schema
LoginBannerBody	body	Login Banner	Yes	auth.LoginBanner

Responses

Code	Description	Schema
200	OK	string
400	Bad Request	auth.ErrorResponse
401	Unauthorized	auth.ErrorResponse
500	Internal Server Error	auth.ErrorResponse

/v1/token**POST**

Summary Generate an API token if user is valid

Description Generate an API token

Responses

Code	Description	Schema
201	Created	structs.TokenGenInfo
400	Bad Request	auth.ErrorResponse

Security

Security	Schema	Scopes
BasicAuth		

DELETE

Summary Delete access token from DB

Description Delete access token from DB

Responses

Code	Description	Schema
200	OK	string
400	Bad Request	string

Security

Security	Schema	Scopes
AuthBearerHeader		

/v1/token/fresh**POST**

Summary Refresh access and fresh token

Description Refresh access and fresh token

Parameters

Name	Located in	Description	Required	Schema
Token	body	Token	Yes	structs.TokenRefreshReqInfo

Responses

Code	Description	Schema
200	OK	structs.TokenGenInfo
400	Bad Request	string

Security

Security Schema	Scopes
AuthBearerHeader	

/v1/token/validation

POST

Summary Validate access token

Description Check if the access token is valid

Responses

Code	Description	Schema
200	OK	string
400	Bad Request	string

Security

Security Schema	Scopes
AuthBearerHeader	

Models

auth.Content

Name	Type	Description	Required
language	string	Language will always be 2 char standered representation as per ISO 639-1 code https://www.loc.gov/standards/iso639-2/php/code_list.php	Yes
message	string	Message must be limited to no more than 500 characters”	No

auth.ErrorResponse

Name	Type	Description	Required
code	integer		No
description	string		No
status	string		No

auth.LogLevel

Name	Type	Description	Required
Log Level	string		No

auth.LoginBanner

Name	Type	Description	Required
content	[auth.Content]		No

structs.ResetPasswordRequestObj

Name	Type	Description	Required
admin_password	string		No
confirm_password	string		No
namespace	string		No
new_password	string		No

structs.TokenGenInfo

Name	Type	Description	Required
access_token	string		No
refresh_token	string		No
refresh_token_expire	integer		No
token_type	string		No

structs.TokenRefreshReqInfo

Name	Type	Description	Required
access_token	string		No
refresh_token	string		No

Operations Hub RBAC API

This is Operations Hub server.

Version: 1.0

/v1/iam/user/action

POST

Summary This api will fetch the logs from elastic db

Description This api will fetch the logs from elastic db

Username - The user for whom the logs are to be fetched

StartDate-EndDate - Range of dates between which logs are needed. format - yyyy-mm-dd

SearchAfter - To be used for pagination, to paginate caller will have to pass the value of @timestamp field of the last record to get the logs next to it

DataSizePerPage - Default value is 10, if caller wants to change it then pass the value explicitly

LogType -

- 1) All- For All logs
- 2) Login - All login logs
- 3) Logout - All logout logs
- 4) LoginLogout - All login-logout logs

Parameters

Name	Located in	Description	Required	Schema
RBAC	body	ElasticSearchRequest	Yes	model.ElasticSearchRequest

Responses

Code	Description	Schema
200	OK	model.ElasticSearchResponse
400	Bad Request	model.GenericResponse
500	Processing Errors	model.GenericResponse

/v1/identitymgmt/exportldap**GET**

Summary This api will export ldap configuration

Description This api will export ldap configuration

Responses

Code	Description	Schema
200	OK	model.LdapConfigObject
400	Bad Request	model.GenericResponse
500	Internal Server Error	model.GenericResponse

/v1/identitymgmt/exportum**GET**

Summary This api will export all the local users

Description This api will export all the local users

Responses

Code	Description	Schema
200	OK	model.UExportResponse
400	Bad Request	model.GenericResponse
500	Internal Server Error	model.GenericResponse

/v1/identitymgmt/group**GET**

Summary List all groups

Description This api can be used to get list of all the groups

Responses

Code	Description	Schema
200	OK	model.GroupListResponse
400	Bad Request	model.GenericResponse
500	Processing Errors	model.GenericResponse

/v1/identitymgmt/importldap

POST

Summary This api will import ldap configuration

Description This api will import ldap configuration

Parameters

Name	Located in	Description	Required	Schema
LDAP	body	LdapConfigObject	Yes	model.LdapConfigObject

Responses

Code	Description	Schema
200	OK	model.GenericResponse
400	Bad Request	model.GenericResponse
500	Internal Server Error	model.GenericResponse

/v1/identitymgmt/importum

POST

Summary This api will import UM data

Description This api will import UM data

Parameters

Name	Located in	Description	Required	Schema
RBAC	body	UMExportResponse	Yes	model.UMExportResponse

Responses

Code	Description	Schema
200	OK	model.GenericResponse
400	Bad Request	model.GenericMapResponse
500	Internal Server Error	model.GenericMapResponse

/v1/identitymgmt/ldap/config**GET**

Summary This api will get the ldap configuration in SMI

Description This api will get the ldap configuration in SMI

Responses

Code	Description	Schema
200	OK	model.LdapConfigObject
400	Bad Request	model.GenericResponse
500	Processing Errors	model.GenericResponse

PUT

Summary This api will update the ldap config in SMI

Description This api will update the ldap config in SMI

Parameters

Name	Located in	Description	Required	Schema
LDAP	body	LdapConfigObject	Yes	model.LdapConfigObject

Responses

Code	Description	Schema
200	Ldap Config updated successfully	model.GenericResponse
400	Bad Request	model.GenericResponse
500	Processing Errors	model.GenericResponse

POST

Summary This api will add ldap configuration in SMI

Description This api will add ldap configuration in SMI

Parameters

Name	Located in	Description	Required	Schema
LDAP	body	LdapConfigObject	Yes	model.LdapConfigObject

Responses

Code	Description	Schema
200	Ldap config added successfully	model.GenericResponse
400	Bad Request	model.GenericResponse
500	Processing Errors	model.GenericResponse

DELETE

Summary This api will delete the ldap config in SMI

Description This api will delete the ldap config in SMI

Parameters

Name	Located in	Description	Required	Schema
LDAP	body	LdapDeleteConfigRequest	Yes	model.LdapDeleteConfigRequest

Responses

Code	Description	Schema
200	Ldap Config deleted successfully	model.GenericResponse
400	Bad Request	model.GenericResponse

Code	Description	Schema
500	Processing Errors	model.GenericResponse

PATCH

Summary This api will update the ldap config in SMI

Description This api will update the ldap config in SMI

Parameters

Name	Located in	Description	Required	Schema
LDAP	body	LdapConfigObject	Yes	model.LdapConfigObject

Responses

Code	Description	Schema
200	Ldap Config added successfully	model.GenericResponse
400	Bad Request	model.GenericResponse
500	Processing Errors	model.GenericResponse

/v1/identitymgmt/ldap/validate/current-config**POST**

Summary This api will validate existing ldap configuration

Description This api will validate existing ldap configuration

Parameters

Name	Located in	Description	Required	Schema
LDAP	body	CurrentSecurityConfig	Yes	model.CurrentSecurityConfig

Responses

Code	Description	Schema
200	LDAP server successfully authenticated the user	model.GenericResponse

Code	Description	Schema
400	Wrong username or password	model.GenericResponse
408	Timeout on search for user objects	model.GenericResponse
422	A syntactically invalid DN was specified	model.GenericResponse
500	Could not connect to AD server	model.GenericResponse
504	Timeout on AD server	model.GenericResponse

/v1/identitymgmt/ldap/validate/new-config

POST

Summary This api will validate new ldap configuration

Description This api will validate new ldap configuration

Parameters

Name	Located in	Description	Required	Schema
LDAP	body	NewSecurityConfig	Yes	model.NewSecurityConfig

Responses

Code	Description	Schema
200	LDAP server successfully authenticated the user	model.GenericResponse
400	Wrong username or password	model.GenericResponse
408	Timeout on search for user objects	model.GenericResponse
422	A syntactically invalid DN was specified	model.GenericResponse
500	Could not connect to AD server	model.GenericResponse
504	Timeout on AD server	model.GenericResponse

/v1/identitymgmt/loglevel

POST

Summary API to change the loglevel

Description This Api can be used to change the log level in run time

Parameters

Name	Located in	Description	Required	Schema
RBAC	body	LogLevelRequest	Yes	model.LogLevelRequest

Responses

Code	Description	Schema
200	Assigned succesfully	model.GenericResponse
400	Bad Request	model.GenericResponse
500	Processing Errors	model.GenericResponse

/v1/identitymgmt/password-age**PATCH**

Summary Change password expiry

Description This api can be used to change the expiry duration of a password for an existing user

Parameters

Name	Located in	Description	Required	Schema
RBAC	body	PasswordAgeRequest	Yes	model.PasswordAgeRequest

Responses

Code	Description	Schema
200	Password age changed successfully	model.GenericResponse
400	Bad Request	model.GenericResponse
500	Processing Errors	model.GenericResponse

/v1/identitymgmt/password-length**PATCH**

Summary This api can be used to update the password length.

Description New password length to update

Parameters

Name	Located in	Description	Required	Schema
RBAC	body	ChangePasswordLengthRequest	Yes	model.ChangePasswordLengthRequest

Responses

Code	Description	Schema
200	Updated successfully	model.GenericResponse
400	Bad Request	model.GenericResponse
500	Processing Errors	model.GenericResponse

/v1/identitymgmt/reset-password**PATCH**

Summary Reset user login password.

Description This api can be used to reset password for an existing user

Parameters

Name	Located in	Description	Required	Schema
RBAC	body	ResetPasswordRequest	Yes	model.ResetPasswordRequest

Responses

Code	Description	Schema
200	Password Updated succesfully	model.GenericResponse
400	Bad Request	model.GenericResponse
500	Processing Errors	model.GenericResponse

/v1/identitymgmt/self-password**PATCH**

Summary User can change self login password.

Description This api can be used to change self password

Parameters

Name	Located in	Description	Required	Schema
RBAC	body	ChangeSelfPasswordRequest	Yes	model.ChangeSelfPasswordRequest

Responses

Code	Description	Schema
200	Password Updated succesfully	model.GenericResponse
400	Bad Request	model.GenericResponse
500	Processing Errors	model.GenericResponse

/v1/identitymgmt/user**GET**

Summary List all the users.

Description This api can be used to get list of all the users and the associated details.

Responses

Code	Description	Schema
200	OK	model.UserDetailListResponse
400	Bad Request	model.GenericResponse
500	Processing Errors	model.GenericResponse

POST

Summary This api will add a new user

Description This api will add a new user

Parameters

Name	Located in	Description	Required	Schema
RBAC	body	CreateUserRequest	Yes	model.CreateUserRequest

Responses

Code	Description	Schema
200	User added successfully	model.GenericResponse
400	Bad Request	model.GenericResponse
500	Processing Errors	model.GenericResponse

/v1/identitymgmt/user-group**POST**

Summary Map user to a group

Description This api can be used to assign user to a group, This is an additive operation, which will give privileges to the user to perform crud operations.

Parameters

Name	Located in	Description	Required	Schema
RBAC	body	UserGroupRequest	Yes	model.UserGroupRequest

Responses

Code	Description	Schema
200	Assigned succesfully	model.GenericResponse
400	Bad Request	model.GenericResponse
500	Processing Errors	model.GenericResponse

PATCH

Summary Remove a user from group

Description This api is selective operation can be used to remove a set of privileges for a user by unassigning a group for the user.

Parameters

Name	Located in	Description	Required	Schema
RBAC	body	UserGroupRequest	Yes	model.UserGroupRequest

Responses

Code	Description	Schema
200	Unassigned successfully	model.GenericResponse
400	Bad Request	model.GenericResponse
500	Processing Errors	model.GenericResponse

/v1/identitymgmt/user/{username}**GET**

Summary Details of a user

Description This api can be used to get all the details of a user queried against a username

Parameters

Name	Located in	Description	Required	Schema
username	path	username	Yes	string

Responses

Code	Description	Schema
200	OK	model.UserDetailResponse
400	Bad Request	model.GenericResponse
500	Processing Errors	model.GenericResponse

DELETE

Summary Delete user by username

Description This api can be used to delete user against a username

Parameters

Name	Located in	Description	Required	Schema
username	path	username	Yes	string

Responses

Code	Description	Schema
200	User deleted successfully	model.GenericResponse
400	Bad Request	model.GenericResponse
500	Processing Errors	model.GenericResponse

/v1/identitymgmt/user/{username}/namespace/{namespace}

GET

Summary Details of a user from required namespace

Description This api can be used to get all the details of a user queried against a username for required namespace

Parameters

Name	Located in	Description	Required	Schema
username	path	username	Yes	string

Responses

Code	Description	Schema
200	OK	model.UserDetailResponse
400	Bad Request	model.GenericResponse
500	Processing Errors	model.GenericResponse

Models**model.ChangePasswordLengthRequest**

Name	Type	Description	Required
length	integer		No

model.ChangeSelfPasswordRequest

Name	Type	Description	Required
confirm_password	string		No

Name	Type	Description	Required
current_password	string		No
namespace	string		No
new_password	string		No
username	string		No

model.CreateUserRequest

Name	Type	Description	Required
groupList	[string]		No
password	string		No
username	string		No

model.CurrentSecurityConfig

Name	Type	Description	Required
password	string		No
username	string		No

model.ElasticSearchRequest

Name	Type	Description	Required
dataSizePerPage	string		No
enddate	string		No
logType	string		No
searchafter	string		No
startdate	string		No
username	string		No

model.ElasticSearchResponse

Name	Type	Description	Required
_shards	object		No
hits	object		No
took	integer		No

model.GenericMapResponse

Name	Type	Description	Required
message	object		No

model.GenericResponse

Name	Type	Description	Required
message	string		No

model.GroupListResponse

Name	Type	Description	Required
groupList	[string]		No

model.LdapConfigObject

Name	Type	Description	Required
base-dn	string		No
bind-dn	string		No
group-attr	string		No
group-mapping	[model.LdapGroupMappingObject]		No
ldap-filter	string		No
ldap-server-url	string		No
ldap-username-domain	string		No

model.LdapDeleteConfigRequest

Name	Type	Description	Required
url	string		No

model.LdapGroupMappingObject

Name	Type	Description	Required
group	string		No
ldap-group	string		No

model.LogLevelRequest

Name	Type	Description	Required
logLevel	string	“panic”, “fatal”, “error”, “warn”, “warning”, “info”, “debug”, “trace”	No

model.NewSecurityConfig

Name	Type	Description	Required
base-dn	string		No
bind-dn	string		No
group-attr	string		No
group-mapping	[model.LdapGroupMappingObject]		No
ldap-filter	string		No
ldap-server-url	string		No
ldap-username-domain	string		No
password	string		No
username	string		No

model.PasswordAgeRequest

Name	Type	Description	Required
password_expire_days	string	in days	No
username	string		No

model.ResetPasswordRequest

Name	Type	Description	Required
confirm_password	string		No
new_password	string		No
username	string		No

model.UMExportResponse

Name	Type	Description	Required
genericPassword	string		No
userList	[model.UserDetails]		No

model.UserDetailListResponse

Name	Type	Description	Required
userDetailList{			No
	model.UserDetailResponse		
}			

model.UserDetailResponse

Name	Type	Description	Required
groupList	[string]		No
passwordExpiryPeriod	string		No
username	string		No

model.UserDetails

Name	Type	Description	Required
groupList	[string]		No
password	string		No
username	string		No

model.UserGroupRequest

Name	Type	Description	Required
groupList	[string]		No

Name	Type	Description	Required
username	string		No

Operations Hub Tag Management API

Version: 1.0

Contact information:

Operations Hub API Support

/v1/tags

GET

Summary List of tags.

Description API to retrieve list of all the tags.

For large scale data of tags use rest client.

Responses

Code	Description	Schema
200	list of all the tags	tag.ApiResponse & object
500	internal server error	tag.ApplicationError

/v1/tags/create-assign-tags

POST

Summary Create tags or associate tag to entity instances.

Description API operations:

1. To create one or multiple tags if entity instance details are empty.

2. To create one or multiple tags and assign tag to one or multiple entity instances.
3. To Assign the existing tag to one or multiple entity instances.

Parameters

Name	Located in	Description	Required	Schema
Tags	body	Entity Uuid Tag List	Yes	[tag.EntityUuidTag]

Responses

Code	Description	Schema
201	tags are created	tag.ApiResponse & object
400	bad request	tag.ApplicationError & object
500	internal server error	tag.ApplicationError

/v1/tags/delete-tag/{tag-name}**DELETE**

Summary Delete tag object if not associated to an entity.

Description API to delete tag object if not associated to entity instance.

Parameters

Name	Located in	Description	Required	Schema
tag-name	path	Tag name	Yes	string

Responses

Code	Description	Schema
200	delete success	tag.ApiResponse & object
400	bad request	tag.ApplicationError
404	not found	tag.ApplicationError

Code	Description	Schema
500	internal server error	tag.ApplicationError

/v1/tags/entity-instance

POST

Summary Lists tags associated for the given entity and entity instances (i.e entities uuids).

Description API to retrieve tags associated for the given entity and entity instances (i.e entities uuids)

Parameters

Name	Located in	Description	Required	Schema
Entity- Uuid- details	body	Entity Uuid details	Yes	tag.EntityUuid

Responses

Code	Description	Schema
200	list of all the tags	tag.ApiResponse & object
400	bad request	tag.ApplicationError & object
404	not found	tag.ApplicationError
500	internal server error	tag.ApplicationError

/v1/tags/export

GET

Summary exports tag data

Description API to export tag data

Responses

Code	Description	Schema
200	list of tags	tag.ApiResponse & object
500	internal server error	tag.ApplicationError

/v1/tags/import

POST

Summary imports tag data

Description API to import tag data

Parameters

Name	Located in	Description	Required	Schema
Tag-Data	body	tag data	Yes	tag.ExportTagData

Responses

Code	Description	Schema
200	list of tags	tag.ApiResponse & object
400	bad request	tag.ApplicationError
500	internal server error	tag.ApplicationError

/v1/tags/remove-tag-association

POST

Summary Remove one or multiple tags association for an entity instance.

Description API to remove one or multiple tags association for an entity instance.

Parameters

Name	Located in	Description	Required	Schema
Entity-Tag-uuid	body	Entity Tag Uuid details	Yes	tag.EntityTagDetails

Responses

Code	Description	Schema
200	Remove tag association from entity success	tag.ApiResponse & object
400	bad request	tag.ApplicationError
404	not found	tag.ApplicationError
500	internal server error	tag.ApplicationError

/v1/tags/search/{tag-name}

GET

Summary Lists tags that matches with the search string tag-name with the selected search format of requested max records.

Description API to list tags of requested max size that matches with the search string tag-name with the selected search format.

1. API returns list of tags which has search string as substring when the search format is overall.
2. API returns list of tags which starts with search string name when the search format is starts-with.
3. API returns description saying refine search, if the records are more than the requested max-record value.

Parameters

Name	Located in	Description	Required	Schema
tag-name	path	search string tag name	Yes	string
search-format	query	Search format	Yes	string
max-records	query	max-records eg:(1,2,3,...)	Yes	string

Responses

Code	Description	Schema
200	list of tags	tag.ApiResponse & object
400	bad request	tag.ApplicationError
500	internal server error	tag.ApplicationError

/v1/tags/{entity}

GET

Summary Lists tags of an entity for a given cursor of requested max-records.

Description API returns entity instance and associated tags for the given entity name and also the next cursor if all data can't be served in a call. API gaurantee:

- 1) API will return all the entity instance and associated tags that were present in the server from the start to the end of a full iteration.
- 2) API will not return entity key instance and associated tag that was not present in the server from the start to the end of a full iteration.
- 3) No gaurantee that every cursor iteration will give same number of elements as the value of requested max-records but all the elements will be fetched when end of cursor is reached.
- 4) The iteration starts with cursor value 0 and ends when the cursor returned by the server is 0. Initially, the cursor should be 0 and at end of every call with requested max-records, the server returns an updated cursor called next-cursor the user needs to use this next-cursor as a cursor argument to fetch the next set of records.

Parameters

Name	Located in	Description	Required	Schema
entity	path	entity name	Yes	string
cursor	query	cursor eg:(0...next-cursor)	Yes	string
max-records	query	max-records eg:(1000...15000)	No	string

Responses

Code	Description	Schema
200	list of all the tags	tag.ApiResponse & object
400	bad request	tag.ApplicationError
404	not found	tag.ApplicationError

Code	Description	Schema
500	internal server error	tag.ApplicationError

Models

tag.ApiResponse

Name	Type	Description	Required
code	integer	add response status code e.g. <code>http.StatusOK // 200</code>	No
response	object	add response body e.g. { “action:”delete”, “description”: “delete operation success”}	No
status	string	add response status code text e.g. Success, Partial Success using <code>http.StatusText(http.StatusOK)</code>	No

tag.ApplicationError

Name	Type	Description	Required
code	integer	add response status code e.g. <code>http.StatusBadRequest // 400</code>	No
description	string	add user friendly error description to send as part of api response	No
meta	string	add some more meta info for the operation	No
status	string	add response status code text e.g. Bad Request using <code>http.StatusText(http.StatusBadRequest)</code>	No
trace	string	add stack trace if any	No

tag.EntityTag

Name	Type	Description	Required
entity	string		No
entity-uuid	string		No

Name	Type	Description	Required
tag-details	[tag.TagBasicDetails]		No

tag.EntityTagDetails

Name	Type	Description	Required
entity	string		Yes
entity-uuid	string		Yes
tag-ids	[string]		No

tag.EntityTagUuid

Name	Type	Description	Required
entity-instance	string		No
tag-ids	[string]		No

tag.EntityUuid

Name	Type	Description	Required
entity	string		No
entity-uuid	[string]		No

tag.EntityUuidTag

Name	Type	Description	Required
entity-details	tag.EntityUuid		No
tag-name	string		Yes

tag.ExportTagData

Name	Type	Description	Required
entity-instances	[tag.EntityTagUuid]		No
opshub-registered-entities	[string]		No

Name	Type	Description	Required
tags	[tag.TagBasicDetails]		No

tag.GetTagsForEntityResponse

Name	Type	Description	Required
entity-tag-details	[tag.EntityTag]		No
next-cursor	integer		No
total-size	integer		No

tag.TagBasicDetails

Name	Type	Description	Required
colorcode	string		No
colorid	integer		No
id	string		No
tagName	string		No

tag.TagResponse

Name	Type	Description	Required
invalid-uuids	[string]		No
valid-uuids	[tag.UuidTag]		No

tag.TagsWithUid

Name	Type	Description	Required
tags	[tag.TagBasicDetails]		No
uuid	string		No

tag.UuidTag

Name	Type	Description	Required
entity-uuid	string		No

Name	Type	Description	Required
tag-details	[tag.TagBasicDetails]		No

Operations Hub Infra Alert Management API

This is Operations Hub KPI Alertmanagement service.

Version: 1.0

Contact information:

Operations Hub API Support

Security

AuthHeader

apiKey	<i>API Key</i>
Name	Authorization
In	header

/v1/alerts

GET

Summary Get the Alertmanager Alert List

Description Get the list of alerts(“firing” and/or “resolved” status) from the Alertmanager.

Parameters

Name	Located in	Description	Required	Schema
status	query	Filter alerts by status, and if status is empty will return all alerts.	No	string
limit	query	Query limit from DB.	No	integer
offset	query	Query offset from DB.	No	integer
sort-by	query	Query sort by the parameter from DB.	No	string
order-by	query	Query order from DB.	No	string

Responses

Code	Description	Schema
200	OK	model.AlertGetEntry

/v1/alerts/groups**GET****Summary** Get the Alertmanager Alert Group List**Description** Get the list of alert groups from the Alertmanager**Responses**

Code	Description	Schema
200	OK	model.AlertGroupGetInfo

/v1/alerts/groups/{name}**GET****Summary** Get the Alertmanager Alert Group**Description** Get one alert group by group name from the Alertmanager**Parameters**

Name	Located in	Description	Required	Schema
name	path	Alert Group Name	Yes	string

Responses

Code	Description	Schema
200	OK	model.AlertGroupGetInfo

PUT

Summary Set the Alertmanager Alert Group

Description Set one alert group by group name to the Alertmanager.

Parameters

Name	Located in	Description	Required	Schema
name	path	Alert Group Name	Yes	string
AlertGroupbody		Alert Group Setting	Yes	model.AlertGroupSetInfo

Responses

Code	Description	Schema
200	OK	model.AlertGroupGetInfo
400	Bad Request	string

/v1/alerts/{id}**GET**

Summary Get the Alertmanager Alert

Description Get one alert by alert ID from the Alertmanager.

Parameters

Name	Located in	Description	Required	Schema
id	path	Alert ID	Yes	string

Responses

Code	Description	Schema
200	OK	model.AlertGetInfo

/v1/alerts/{id}/ack**PUT**

Summary Ack the Alertmanager Alert

Description Ack one alert by alert ID to the Alertmanager.

Parameters

Name	Located in	Description	Required	Schema
id	path	Alert ID	Yes	string
Alert	body	Alert Ack Information	Yes	model.AlertSetInfo

Responses

Code	Description	Schema
200	OK	model.AlertGetInfo
400	Bad Request	string

/v1/cluster/health**GET**

Summary Get the health of cluster

Description This API provides health of the cluster for specified alert-groups.

Query parameter “alert-groups” is optional, multiple comma separated alert-groups can be specified in the query parameter field.

The response will have list of alerts, list of pods not in ready state, severity and description for the specified alert-groups.

Possible values of “severity” are -

- 1) “Clear” - Indicating cluster has no alerts
- 2) “Minor” - Indicating some non-essential pods are not running

3) “Critical” - Indicating cluster has critical alerts

To know the possible values of alert-groups, use the following API : curl -X GET “https://api/alertmanager/v1/alerts/groups” -H “accept: application/json”

Parameters

Name	Located in	Description	Required	Schema
alert-groups	query	Alert groups to watch for. Note : If alert-groups not specified, all critical alerts in system will be considered	No	string

Responses

Code	Description	Schema
200	OK	model.HealthStatus
500	Internal Server Error	string

/v1/loglevel

GET

Summary Get OpsHub KPI Alertmanagement Log Level

Description Get Get OpsHub KPI Alertmanagement Log Level

Responses

Code	Description	Schema
200	OK	model.LogLevel

PUT

Summary Set OpsHub KPI Alertmanagement Log Level

Description Set OpsHub KPI Alertmanagement Log Level

Parameters

Name	Located in	Description	Required	Schema
LogLevel	body	Log Level	Yes	model.LogLevel

Responses

Code	Description	Schema
200	OK	model.LogLevel
400	Bad Request	string

/v1/smtp

GET

Summary Get the Alertmanager SMTP Configuration

Description Get the configuration for SMTP that is used to forward alerts for notifications.

Responses

Code	Description	Schema
200	OK	model.AlertConfigGetInfo

PUT

Summary Set the Alertmanager SMTP Configuration

Description Set the configuration for SMTP so that alertmanager can forward alerts for notifications through the configured SMTP server.

Parameters

Name	Located in	Description	Required	Schema
Config	body	Alertmanager SMTP Configuration	Yes	model.AlertConfigSetInfo

Responses

Code	Description	Schema
200	OK	model.AlertConfigGetInfo
400	Bad Request	string

Models

model.AlertConfigGetInfo

Name	Type	Description	Required
auth-identity	string		No
auth-password	string		No
auth-secret	string		No
auth-username	string		No
create-time	string		No
from	string		No
hello	string		No
host	string		No
require-tls	boolean		No
update-time	string		No

model.AlertConfigSetInfo

Name	Type	Description	Required
auth-identity	string		No
auth-password	string		No
auth-secret	string		No
auth-username	string		No
from	string		No
hello	string		No
host	string		No
require-tls	boolean		No

model.AlertGetEntry

Name	Type	Description	Required
alerts	[model.AlertGetInfo]		No
limit	integer		No
offset	integer		No
total	integer		No

model.AlertGetInfo

Name	Type	Description	Required
acked	boolean		No
acked-time	string		No
alert-group	string		No
alert-name	string		No
comment	string		No
create-time	string		No
creator	string		No
description	string		No
end-time	string		No
expire-time	string		No
id	string		No
severity	string		No
start-time	string		No
status	string		No
summary	string		No
update-time	string		No

model.AlertGroupGetInfo

Name	Type	Description	Required
alert	[string]		No
create-time	string		No
enabled	boolean		No
name	string		No
sendto	[string]		No
update-time	string		No

model.AlertGroupSetInfo

Name	Type	Description	Required
enabled	boolean		No
sendto	[string]		No

model.AlertSetInfo

Name	Type	Description	Required
acked-time	string		No

Name	Type	Description	Required
comment	string		No
creator	string		No
expire-time	string		No

model.HealthStatus

Name	Type	Description	Required
alerts	[model.AlertGetInfo]		No
description	string		No
not-ready-pods	[model.NotReadyPods]		No
severity	string		No

model.LogLevel

Name	Type	Description	Required
Log Level	string		No

model.NotReadyPods

Name	Type	Description	Required
namespace	string		No
node	string		No
pod-ip	string		No
pod-name	string		No
pod-restarts	integer		No

Operations Hub

Configuration Backup and Restore

operations hub config export/import server.

Version: 1.0

/v1/config/export

GET

Summary API to export operations hub configuration

Description The exported configuration will be downloaded in the tar.gz archive. API does not support partial export if any of the components fail to export complete export operation will be failed.

Parameters

Name	Located in	Description	Required	Schema
status_id	query	123456789	No	string

Responses

Code	Description	Schema
400	Bad Request	model.ApiResponse
404	Not Found	model.ApiResponse
500	Internal Server Error	model.ApiResponse

/v1/config/import**POST****Summary** API to import operations hub configuration**Description** operations hub configuration in archived file can be imported through this API**Parameters**

Name	Located in	Description	Required	Schema
config-file	formData	config archive file	Yes	file
status_id	query	123456789	No	string

Responses

Code	Description	Schema
200	OK	model.ApiResponse
400	Bad Request	model.ApiResponse
404	Not Found	model.ApiResponse
500	Internal Server Error	model.ApiResponse

/v1/config/operation/status**GET****Summary** API to fetch status of operations hub config export/import operation**Description** API used to know the status of ongoing operations hub config export/import operation**Parameters**

Name	Located in	Description	Required	Schema
status_id	query	123456789	No	string

Responses

Code	Description	Schema
200	OK	model.OperationStatusResponse
400	Bad Request	model.ApiResponse
404	Not Found	model.ApiResponse
500	Internal Server Error	model.ApiResponse

/v1/tac/create

POST

Summary create tac debug package

Description Triggers TAC debug package file generation.

Note: start-time/end-time example in UTC: 2022-05-10T07:20:50Z start-time/end-time examples with UTC offset : 2022-05-10T07:20:50+05:30

Parameters

Name	Located in	Description	Required	Schema
start-time	query	start-time for log collection	Yes	dateTime
end-time	query	end-time for log collection	Yes	dateTime

Responses

Code	Description	Schema
200	OK	model.Tac
400	Bad Request	model.ErrorResponse
422	Unprocessable Entity	model.ErrorResponse
500	Internal Server Error	model.ErrorResponse

/v1/tac/delete

DELETE

Summary delete tac debug package

Description Delete tac debug package for the given tac-id

Parameters

Name	Located in	Description	Required	Schema
tac-id	query	tac-id for which tac debug content to be deleted	Yes	string

Responses

Code	Description	Schema
200	OK	model.StringResponse
400	Bad Request	model.ErrorResponse
404	Not Found	model.ErrorResponse
422	Unprocessable Entity	model.ErrorResponse
500	Internal Server Error	model.ErrorResponse

/v1/tac/download**GET**

Summary download tac debug package

Description Download the tac debug package for the given tacId

Parameters

Name	Located in	Description	Required	Schema
tac-id	query	tac-id for which tac debug package to be downloaded	Yes	string

Responses

Code	Description	Schema
200	OK	model.StringResponse
400	Bad Request	model.ErrorResponse
404	Not Found	model.ErrorResponse
422	Unprocessable Entity	model.ErrorResponse
500	Internal Server Error	model.ErrorResponse

/v1/tac/list**GET**

Summary list tac debug packages

Description Get the list of tac debug packages available

Responses

Code	Description	Schema
200	OK	model.ListTac
500	Internal Server Error	model.ErrorResponse

/v1/tac/status

GET

Summary ongoing tac debug status

Description Check status of ongoing tac debug package

Responses

Code	Description	Schema
200	OK	model.StatusTac
500	Internal Server Error	model.ErrorResponse

Models

model.ApiResponse

Name	Type	Description	Required
code	integer	add response status code e.g. http.StatusOK // 200	No
response		add response body e.g { “action:”delete”, “description”: “delete operation success”}	No
status	string	add response status code text e.g. Success, Partial Success using http.StatusText(http.StatusOK)	No

model.ErrorResponse

Name	Type	Description	Required
message	string	<i>Example: "error message"</i>	No

model.ListTac

Name	Type	Description	Required
tac-ids	[string]		No

model.OperationStatusResponse

Name	Type	Description	Required
operationStatus	object		No
operationType	string	<i>Example: "export/import"</i>	No

model.StatusResponse

Name	Type	Description	Required
errMsg	string		No
status	string		No

model.StatusTac

Name	Type	Description	Required
in-progress-tac-id	string		No
status	string		No

model.StringResponse

Name	Type	Description	Required
message	string	<i>Example: "success message"</i>	No

model.Tac

Name	Type	Description	Required
tac-id	string		No

Operations Hub Scheduler

operations hub task scheduler server.

Version: 1.0

`/v1/scheduler/create`

POST

Summary CreateSchedule API is used to schedule tasks

Description Scheduling request is registered using this API, It can be a cron/adhoc/timeseries based scheduling

Parameters

Name	Located in	Description	Required	Schema
Template body		create new schedule	Yes	model.Schedule

Responses

Code	Description	Schema
200	OK	model.ApiResponse
400	Bad Request	model.StringErrorResponse
404	Not Found	model.StringErrorResponse
500	Internal Server Error	model.StringErrorResponse

`/v1/scheduler/delete`

POST

Summary DeleteSchedule API is called to cancel/delete active schedule/task

Description This API will delete all active/standby schedule and delete associated tasks and tasks config from DB

Parameters

Name	Located in	Description	Required	Schema
scheduleID	query	scheduleID	Yes	string

Responses

Code	Description	Schema
200	OK	model.ApiResponse
400	Bad Request	model.StringErrorResponse
404	Not Found	model.StringErrorResponse
500	Internal Server Error	model.StringErrorResponse

/v1/scheduler/suspend

POST

Summary SuspendSchedule API is called to suspend an active schedules/task

Description This API will cancel all active/standby schedule and set the is_suspended param in the DB for this schedule

Parameters

Name	Located in	Description	Required	Schema
scheduleID	query	scheduleID	Yes	string

Responses

Code	Description	Schema
200	OK	model.ApiResponse
400	Bad Request	model.StringErrorResponse
404	Not Found	model.StringErrorResponse
500	Internal Server Error	model.StringErrorResponse

/v1/scheduler/task/status

GET

Summary GetTaskStatus API is called to get individual task status

Description This API will give the task execution status along with task response if any.

Parameters

Name	Located in	Description	Required	Schema
taskID	query	taskID	Yes	string

Responses

Code	Description	Schema
200	OK	model.TaskExecutionStatusAll
400	Bad Request	model.StringErrorResponse
404	Not Found	model.StringErrorResponse
500	Internal Server Error	model.StringErrorResponse

/v1/scheduler/tasks

GET

Summary ListAllScheduleTask lists all schedules and tasks

Description ListAllScheduleTask lists all schedules and their corresponding tasks in the system and their current status

Responses

Code	Description	Schema
200	OK	model.ListScheduleConfig
400	Bad Request	model.StringErrorResponse
404	Not Found	model.StringErrorResponse
500	Internal Server Error	model.StringErrorResponse

/v1/scheduler/update

POST

Summary UpdateSchedule API is called to modify the schedule of exiting tasks

Description Existing schedule configuration is updated using this API

Parameters

Name	Located in	Description	Required	Schema
Template body		update schedule	Yes	model.UpdateScheduleConfig

Responses

Code	Description	Schema
200	OK	model.ApiResponse
400	Bad Request	model.StringErrorResponse
404	Not Found	model.StringErrorResponse
500	Internal Server Error	model.StringErrorResponse

Models**model.APITaskConfig**

Name	Type	Description	Required
httpHeaders	model.HeaderMap		Yes
httpMethod	string	<i>Enum:</i> "GET", "POST", "PUT", "DELETE", "PATCH"	Yes
payload	string	TODO check size in API call validation matching DB size	Yes
url	string		Yes

model.ApiResponse

Name	Type	Description	Required
code	integer	add response status code e.g. http.StatusOK // 200	No
response		add response body e.g { "action:"delete", "description": "delete task success"}	No
status	string	add response status code text e.g. Success, Partial Success using http.StatusText(http.StatusOK)	No

model.CronSchedule

Name	Type	Description	Required
cronExpression	string		No

model.CyclicalSchedule

Name	Type	Description	Required
scheduleEnd	string		No
scheduleInterval	string	1s,1m,hr,day,week,month,yea	No
scheduleTime	string	RFC-3339 time format in array,2022-01-01T07:20:50.52Z	No

model.DiscreteTimeSchedule

Name	Type	Description	Required
intervals	[string]		No

model.HeaderMap

Name	Type	Description	Required
model.HeaderMap	object		

model.ListScheduleConfig

Name	Type	Description	Required
scheduleTaskConfig	model.ScheduleTaskDbConfig		Yes

model.MessageTaskConfig

Name	Type	Description	Required
headers	model.HeaderMap		No
payload	string	TODO check size in API call validation matching DB size	Yes

Name	Type	Description	Required
producerType	string	Default to wait for ack/SYNC call	Yes
topicName	string		Yes

model.Schedule

Name	Type	Description	Required
scheduleConfig	model.ScheduleConfig	Required: true	Yes
taskConfig	model.TaskList	Required: true	Yes

model.ScheduleConfig

Name	Type	Description	Required
ConcurrentExecution	boolean		No
cronScheduleConfig	CronScheduleConfig		No
cyclicalScheduleConfig	CyclicalScheduleConfig		No
discreteTimeScheduleConfig	DiscreteTimeScheduleConfig		No
isSuspended	boolean	Default is false	No
retryCount	integer	Default to 0	No
retryInterval	integer	Default to 0. unit is seconds	No
retry_policy	string		No
schedule_description	string		No
schedule_group	string		Yes
schedule_name	string	Required: true	Yes
schedule_type	string	Enum: "cron", "discrete", "interval"	Yes

model.ScheduleDbConfig

Name	Type	Description	Required
last_trigger_state	string	Enum: "Scheduled", "Successful", "Failed"	No
last_trigger_time	string		No
next_trigger	string		No
scheduleConfig	model.ScheduleConfig		No
schedule_id	integer		No
timeInitiated	string		No
timeUpdated	string		No
trigger_user	string		No

Name	Type	Description	Required
trigger_user_id	string		No

model.ScheduleTaskDbConfig

Name	Type	Description	Required
scheduleConfig	model.ScheduleDbConfig		Yes
tasks	[model.TaskDbConfig]		Yes

model.StringErrorResponse

Name	Type	Description	Required
error_message	string	<i>Example:</i> "reason of failure"	No

model.TaskCommonConfig

Name	Type	Description	Required
task_description	string		No
task_name	string		Yes
task_priority	integer		No
task_type	string	<i>Enum:</i> "api", "messaging"	Yes

model.TaskConfig

Name	Type	Description	Required
apiTask	model.APITaskConfig		No
messagingTask	model.MessageTaskConfig		No
taskData	model.TaskCommonConfig		Yes

model.TaskDbConfig

Name	Type	Description	Required
schedule_id	integer		No
taskConfigData	model.TaskConfig		No

Name	Type	Description	Required
task_id	integer		No

model.TaskExecutionDbStatus

Name	Type	Description	Required
id	integer		No
status	model.TaskExecutionStatus		No

model.TaskExecutionStatus

Name	Type	Description	Required
apiResponse	string		Yes
taskExecutionState	string		Yes
taskId	integer		Yes
triggerRetryCount	integer		No
triggerTime	string		Yes
triggerUser	string		Yes
triggerUserRole	string		Yes

model.TaskExecutionStatusAll

Name	Type	Description	Required
taskAllStatus[			No
	model.TaskExecutionDbStatus		
]			

model.TaskList

Name	Type	Description	Required
taskList	[model.TaskConfig]		Yes

model.UpdateScheduleConfig

Name	Type	Description	Required
scheduleConfig	model.ScheduleConfig		Yes
scheduleID	integer		Yes

Name	Type	Description	Required
tasks	[model.UpdateTaskConfig]		No

model.UpdateTaskConfig

Name	Type	Description	Required
taskConfigData	model.TaskConfig		No
task_id	integer		No

