



## **Cisco Operations Hub and Smart PHY REST API Guide, Release 22.1**

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# Contents

<b>RPD Service Manager APIs</b>	<b>1</b>
Version: 22.1.0	1
/rpdorch/v2/rpd-pairing/set-rpd-pairing	1
POST	1
/rpdorch/v2/rpd-pairing/query-rpd-pairing	1
POST	1
/rpdorch/v2/rpd-pairing/query-rpd-name-pairing	1
POST	1
/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/gcp/set-redirect-version	2
POST	2
/rpdorch/v2/gcp/remove-redirect-version	2
POST	2
/rpdorch/v2/gcp/query-redirect-version	3
POST	3
/rpdorch/v1/system-info/get-rpd-processing-queue	3
POST	3
/rpdorch/v1/system-info/get-nso-commit-queue	3
POST	3
/rpdorch/v1/system-info/delete-nso-commit-queue-item	3
POST	3
/rpdorch/v1/service-catalog-topology/set-service-template	3
POST	4
/rpdorch/v1/service-catalog-topology/query-servicegroup-profiles	4
POST	4
/rpdorch/v1/service-catalog-topology/get-service-template	4
POST	4

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

POST	9
/rpdorch/v1/rpd-compatibility/query-rpd-compatibility	9
POST	9
/rpdorch/v1/rpd-compatibility/query-rpd-compatibility-list	10
POST	10
/rpdorch/v1/rpd-compatibility/delete-rpd-compatibility	10
POST	10
/rpdorch/v1/rfpower-config/set-rfPower-profile	10
POST	10
/rpdorch/v1/rfpower-config/get-rfPower-profiles	10
POST	10
/rpdorch/v1/rfpower-config/delete-rfPower-profiles	11
POST	11
/rpdorch/v1/resource-manager/test-release-resources	11
POST	11
/rpdorch/v1/resource-manager/test-insert-resource	11
POST	11
/rpdorch/v1/resource-manager/test-delete-resources	11
POST	11
/rpdorch/v1/resource-manager/test-delete-interface-resources	11
POST	11
/rpdorch/v1/resource-manager/test-assign-resources	12
POST	12
/rpdorch/v1/resource-manager/dump-resource-map	12
POST	12
/rpdorch/v1/global-config/set-global-config	12
POST	12
/rpdorch/v1/global-config/reset-global-config	12
POST	12
/rpdorch/v1/global-config/query-global-config	12
POST	13
/rpdorch/v1/data-service/set-instance-id	13
POST	13
/rpdorch/v1/data-service/get-instance-id	13
POST	13
/rpdorch/v1/data-service/get-db-export-import-status-list	13
POST	13
/rpdorch/v1/data-service/data-import	13
POST	13
/rpdorch/v1/data-service/data-export	14
POST	14
/rpdorch/v1/dashboard/count	14
POST	14
/rpdorch/v1/core-topology/query-credentials	14
POST	14
/rpdorch/v1/core-topology/query-core-details	14

POST	14
/rpdorch/v1/core-topology/query-CoreResourceUsage	14
POST	15
/rpdorch/v1/core-topology/fetch-ssh-key	15
POST	15
/rpdorch/v1/core-topology/delete-dpic-inventory	15
POST	15
/rpdorch/v1/core-topology/delete-core-inventory	15
POST	15
/rpdorch/v1/core-topology/add-dpic-inventory	15
POST	15
/rpdorch/v1/core-topology/add-core-inventory	16
POST	16
/rpdorch/v1/rpd-topology/query-rpd-configurations	16
GET	16
Models	16
AssignedCores	16
GpsLocationRest	16
PortConfig	17
SetRpdPairing	17
SetRpdPairingInput	18
Error	18
RpdStatusOutput	18
SetRpdPairingOutput	19
QueryRpdPairingInput	19
QueryRpdPairingOutput	19
RpdPairingOutput	19
QueryRpdNamePairingInput	21
QueryRpdNamePairingOutput	21
QueryRpdMacPairingInput	21
QueryRpdMacPairingOutput	21
DeleteRpdPairingInput	21
DeleteRpdPairingOutput	22
ClearRpdPairingInput	22
ClearRpdPairingOutput	22
SetRedirectVersionInput	22
SetRedirectVersionOutput	22
DeleteRedirectVersionInput	23
DeleteRedirectVersionOutput	23
GcpRedirectRpdDetails	23
QueryRedirectVersionListOutput	23
DumpSystemInfoOutput	24
ThreadPoolInfo	24
ShowCommitQueueInput	24
QueueItem	24
ShowCommitQueueOutput	25

DeleteCommitQueueItemInput . . . . .	25
AddServiceTemplateInput . . . . .	25
ServiceElementInput . . . . .	25
ServiceOobProfile . . . . .	26
AddServiceTemplateOutput . . . . .	26
ServiceGroupProfilesInput . . . . .	26
ServiceGroupProfilesOutput . . . . .	26
GetServiceTemplateInput . . . . .	27
GetServiceTemplateOutput . . . . .	27
ServiceElementOutput . . . . .	27
GetServiceTemplateRpdAssignedListOutput . . . . .	28
ServiceTemplateRpdAssignedOutput . . . . .	28
GetServiceTemplateListOutput . . . . .	28
ServiceTemplateOutput . . . . .	29
DeleteServiceTemplateListInput . . . . .	29
DeleteServiceTemplateListOutput . . . . .	29
DeleteServiceTemplateOutput . . . . .	29
DeleteServiceTemplateInput . . . . .	30
AddServiceTemplateListInput . . . . .	30
AddServiceTemplateListOutput . . . . .	30
UpdateRpdInventoryInput . . . . .	30
UpdateRpdInventoryOutput . . . . .	30
SendTestGcpMessageInput . . . . .	31
SendTestGcpMessageOutput . . . . .	31
RefreshRPDStatusInput . . . . .	31
RefreshRPDStatusOutput . . . . .	31
QueryRpdTopologyInput . . . . .	32
QueryRpdTopologyOutput . . . . .	32
RpdTopology . . . . .	32
GpsRange . . . . .	33
QueryRpdInventoryInput . . . . .	33
GpsLocationRange . . . . .	33
QueryRpdInventoryOutput . . . . .	34
RpdInventory . . . . .	34
QueryRpdDetailsInput . . . . .	35
DeviceInfoRest . . . . .	35
QueryRpdDetailsOutput . . . . .	36
RpdHistoryNotification . . . . .	36
QueryRpdStateInput . . . . .	37
CorewiseRpdStates . . . . .	37
QueryRpdStateOutput . . . . .	38
RpdCorewiseStateOutput . . . . .	38
QueryAllRpdDataInput . . . . .	38
QueryAllRpdDataOutput . . . . .	38
RpdData . . . . .	38
DeleteRpdInventoryInput . . . . .	40



DeleteRpdInventoryOutput . . . . .	40
AddRpdInventoryInput . . . . .	40
AddRpdInventoryOutput . . . . .	40
RpdRestCompatibility . . . . .	41
RpdRestCompatibilityKey . . . . .	41
SetRpdCompatibilityInput . . . . .	41
RpdRestCompatibilityStatus . . . . .	41
SetRpdCompatibilityOutput . . . . .	41
QueryRpdCompatibilityInput . . . . .	42
QueryRpdCompatibilityOutput . . . . .	42
QueryRpdCompatibilityListInput . . . . .	42
QueryRpdCompatibilityListOutput . . . . .	42
DeleteRpdCompatibilityInput . . . . .	42
DeleteRpdCompatibilityOutput . . . . .	43
RFPowerConfigInput . . . . .	43
RFPowerConfigOutput . . . . .	43
QueryRFPowerConfigInput . . . . .	43
GetRFPowerConfigOutput . . . . .	43
DeleteRfPowerConfigInput . . . . .	44
DeleteRfPowerConfigOutput . . . . .	44
DeleteRfPowerConfigOutputList . . . . .	44
TestReleaseResourcesInput . . . . .	44
TestInsertResourcesInput . . . . .	44
TestDeleteResourcesInput . . . . .	45
TestDeleteInterfaceResourcesInput . . . . .	45
TestAssignResourcesToRpdInput . . . . .	45
DumpResourceMapOutput . . . . .	45
SetGlobalConfigInput . . . . .	45
SetGlobalConfigOutput . . . . .	46
ResetGlobalConfigInput . . . . .	46
ResetGlobalConfigOutput . . . . .	46
QueryGlobalConfigInput . . . . .	46
ConfigRecord . . . . .	46
QueryGlobalConfigOutput . . . . .	47
SetInstanceIdInput . . . . .	47
SetInstanceIdOutput . . . . .	47
GetInstanceIdInput . . . . .	47
GetInstanceIdOutput . . . . .	47
DbExportImportStatus . . . . .	48
GetDbExportImportStatusOutput . . . . .	48
DataImportInput . . . . .	48
DataImportOutput . . . . .	49
DataExportInput . . . . .	49
DataExportOutput . . . . .	49
CountOutput . . . . .	49
QueryCredentialsInput . . . . .	50

QueryCredentialsOutput . . . . .	50
QueryCoreDetailsInput . . . . .	50
CoreDetails . . . . .	50
DpicInterface . . . . .	51
IpMask . . . . .	51
OOBProfiles . . . . .	51
QueryCoreDetailsOutput . . . . .	52
SsdProfile . . . . .	52
VirtualSG . . . . .	52
QueryCoreResourceUsageInput . . . . .	52
QueryCoreResourceUsageOutput . . . . .	52
FetchSshKeyInput . . . . .	53
FetchSshKeyOutput . . . . .	53
DeleteDpicInventoryInput . . . . .	53
DeleteDpicInventoryOutput . . . . .	53
DeleteCoreInventoryInput . . . . .	53
DeleteCoreInventoryOutput . . . . .	54
AddDpicInventoryInput . . . . .	54
AddDpicInventoryOutput . . . . .	54
AddCoreInventoryInput . . . . .	54
AddCoreInventoryOutput . . . . .	55
CoreConfigurationDetails . . . . .	55
RpdConfigurationDetails . . . . .	55
RpdConfigurationDetailsListOutput . . . . .	56
ServiceDetails . . . . .	56
<b>Inventory Manager APIs</b>	<b>57</b>
Version: 22.1.0 . . . . .	57
/inventory/v1/instance/set-instance-id . . . . .	57
POST . . . . .	57
/inventory/v1/instance/get-instance-id . . . . .	57
POST . . . . .	57
/inventory/v1/device/update-device-inventory . . . . .	57
POST . . . . .	57
/inventory/v1/device/update-device-inventory-list . . . . .	58
POST . . . . .	58
/inventory/v1/device/update-ccap-core-state . . . . .	58
POST . . . . .	58
/inventory/v1/device/query-device-list . . . . .	58
POST . . . . .	58
/inventory/v1/device/delete-device-inventory . . . . .	58
POST . . . . .	58
/inventory/v1/device/add-device-inventory . . . . .	58
POST . . . . .	58
/inventory/v1/device/add-device-inventory-list . . . . .	59
POST . . . . .	59

/inventory/v1/credential/set-credential-profile . . . . .	59
POST . . . . .	59
/inventory/v1/credential/query-credential-profile . . . . .	59
POST . . . . .	59
/inventory/v1/credential/delete-credential-profile . . . . .	59
POST . . . . .	59
/api/config/smiuser/_operations/change-password . . . . .	59
POST . . . . .	60
Models . . . . .	60
SetInstanceIdInput . . . . .	60
Error . . . . .	60
SetInstanceIdOutput . . . . .	60
GetInstanceIdInput . . . . .	61
GetInstanceIdOutput . . . . .	61
GpsLocation . . . . .	61
UpdateDeviceInventoryInput . . . . .	61
UpdateDeviceInventoryOutput . . . . .	62
UpdateDeviceInventoryListInput . . . . .	62
UpdateDeviceInventoryListOutput . . . . .	62
MaintainCCAPCoreInput . . . . .	62
DeviceStatusOutput . . . . .	62
MaintainCCAPCoreOutput . . . . .	63
QueryDeviceListInput . . . . .	63
DeviceDetails . . . . .	63
DeviceHistoryNotification . . . . .	64
DeviceInfo . . . . .	64
QueryDeviceListOutput . . . . .	64
DeleteDeviceInventoryInput . . . . .	65
DeleteDeviceInventoryOutput . . . . .	65
AddDeviceInventoryInput . . . . .	65
AddDeviceInventoryOutput . . . . .	65
AddDeviceInventoryListInput . . . . .	66
AddDeviceInventoryListOutput . . . . .	66
SetCredentialProfileInput . . . . .	66
SetCredentialProfileOutput . . . . .	66
QueryCredentialProfileInput . . . . .	66
CredentialProfileOutput . . . . .	67
QueryCredentialProfileOutput . . . . .	67
Status . . . . .	67
DeleteCredentialProfileInput . . . . .	67
DeleteCredentialProfileOutput . . . . .	68
UserResetPasswordInput . . . . .	68
<b>Operations Hub Authentication API . . . . .</b>	<b>69</b>
Version: 1.0 . . . . .	69
Security . . . . .	69

/loglevel . . . . .	69
GET . . . . .	69
PUT . . . . .	70
/reset-internal-user . . . . .	70
PATCH . . . . .	70
/v1/login/banner . . . . .	71
GET . . . . .	71
PATCH . . . . .	71
/v1/token . . . . .	71
POST . . . . .	72
DELETE . . . . .	72
/v1/token/fresh . . . . .	72
POST . . . . .	72
/v1/token/validation . . . . .	73
POST . . . . .	73
Models . . . . .	73
auth.Content . . . . .	74
auth.ErrorResponse . . . . .	74
auth.LogLevel . . . . .	74
auth.LoginBanner . . . . .	74
structs.ResetPasswordRequestObj . . . . .	74
structs.TokenGenInfo . . . . .	74
structs.TokenRefreshReqInfo . . . . .	75
<b>Operations Hub RBAC API</b>	<b>77</b>
Version: 1.0 . . . . .	77
/v1/iam/user/action . . . . .	77
POST . . . . .	77
/v1/identitymgmt/exportldap . . . . .	78
GET . . . . .	78
/v1/identitymgmt/exportum . . . . .	78
GET . . . . .	78
/v1/identitymgmt/group . . . . .	78
GET . . . . .	78
/v1/identitymgmt/importldap . . . . .	79
POST . . . . .	79
/v1/identitymgmt/importum . . . . .	79
POST . . . . .	79
/v1/identitymgmt/ldap/config . . . . .	80
GET . . . . .	80
PUT . . . . .	80
POST . . . . .	81
DELETE . . . . .	81
PATCH . . . . .	82
/v1/identitymgmt/loglevel . . . . .	82
POST . . . . .	82

/v1/identitymgmt/password-age . . . . .	83
PATCH . . . . .	83
/v1/identitymgmt/password-length . . . . .	83
PATCH . . . . .	83
/v1/identitymgmt/reset-password . . . . .	84
PATCH . . . . .	84
/v1/identitymgmt/self-password . . . . .	84
PATCH . . . . .	84
/v1/identitymgmt/user . . . . .	85
GET . . . . .	85
POST . . . . .	85
/v1/identitymgmt/user-group . . . . .	85
POST . . . . .	85
PATCH . . . . .	86
/v1/identitymgmt/user/{username} . . . . .	86
GET . . . . .	86
DELETE . . . . .	87
Models . . . . .	87
model.ChangePasswordLengthRequest . . . . .	87
model.ChangeSelfPasswordRequest . . . . .	87
model.CreateUserRequest . . . . .	88
model.ElasticSearchRequest . . . . .	88
model.ElasticSearchResponse . . . . .	88
model.GenericMapResponse . . . . .	88
model.GenericResponse . . . . .	88
model.GroupListResponse . . . . .	89
model.LdapConfigObject . . . . .	89
model.LdapDeleteConfigRequest . . . . .	89
model.LdapGroupMappingObject . . . . .	89
model.LogLevelRequest . . . . .	89
model.PasswordAgeRequest . . . . .	90
model.ResetPasswordRequest . . . . .	90
model.UExportResponse . . . . .	90
model.UserDetailListResponse . . . . .	90
model.UserDetailResponse . . . . .	90
model.UserDetails . . . . .	91
model.UserGroupRequest . . . . .	91
<b>Operations Hub Tag Management API . . . . .</b>	<b>93</b>
Version: 1.0 . . . . .	93
/v1/tags . . . . .	93
GET . . . . .	93
/v1/tags/create-assign-tags . . . . .	93
POST . . . . .	93
/v1/tags/delete-tag/{tag-name} . . . . .	94
DELETE . . . . .	94

/v1/tags/entity-instance . . . . .	95
POST . . . . .	95
/v1/tags/export . . . . .	95
GET . . . . .	95
/v1/tags/import . . . . .	95
POST . . . . .	96
/v1/tags/remove-tag-association . . . . .	96
POST . . . . .	96
/v1/tags/search/{tag-name} . . . . .	97
GET . . . . .	97
/v1/tags/{entity} . . . . .	97
GET . . . . .	97
Models . . . . .	98
tag.ApiResponse . . . . .	98
tag.ApplicationError . . . . .	99
tag.EntityTag . . . . .	99
tag.EntityTagDetails . . . . .	99
tag.EntityTagUuid . . . . .	99
tag.EntityUuid . . . . .	99
tag.EntityUuidTag . . . . .	100
tag.ExportTagData . . . . .	100
tag.GetTagsForEntityResponse . . . . .	100
tag.TagBasicDetails . . . . .	100
tag.TagResponse . . . . .	100
tag.TagsWithUuid . . . . .	101
tag.UuidTag . . . . .	101

## Opshub Infra Alert Management API **103**

Version: 1.0 . . . . .	103
Security . . . . .	103
/v1/alerts . . . . .	103
GET . . . . .	103
/v1/alerts/groups . . . . .	104
GET . . . . .	104
/v1/alerts/groups/{name} . . . . .	104
GET . . . . .	104
PUT . . . . .	105
/v1/alerts/{id} . . . . .	105
GET . . . . .	105
/v1/alerts/{id}/ack . . . . .	106
PUT . . . . .	106
/v1/loglevel . . . . .	106
GET . . . . .	106
PUT . . . . .	107
/v1/smtp . . . . .	107
GET . . . . .	107

PUT . . . . .	107
Models . . . . .	108
model.AlertConfigGetInfo . . . . .	108
model.AlertConfigSetInfo . . . . .	108
model.AlertGetEntry . . . . .	109
model.AlertGetInfo . . . . .	109
model.AlertGroupGetInfo . . . . .	109
model.AlertGroupSetInfo . . . . .	109
model.AlertSetInfo . . . . .	110
model.LogLevel . . . . .	110
<b>Operations Hub Configuration Backup and Restore</b>	<b>111</b>
Version: 1.0 . . . . .	111
/v1/config/export . . . . .	111
GET . . . . .	111
/v1/config/import . . . . .	112
POST . . . . .	112
/v1/config/operation/status . . . . .	112
GET . . . . .	112
Models . . . . .	113
model.ApiResponse . . . . .	113
model.OperationStatusResponse . . . . .	113
model.StatusResponse . . . . .	113

# RPD Service Manager APIs

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**/rpdorch/v2/rpd-pairing/set-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/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****Responses**

Code	Description
200	OK

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

**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/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-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/rpd-topology/query-rpd-configurations

#### GET

#### Parameters

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

#### Responses

Code	Description
200	OK

## Models

### AssignedCores

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

### GpsLocationRest

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

### PortConfig

Name	Type	Description	Required
dsPort	integer		No
basePower	float		No
tiltPivotFreq	integer		No
tiltSlope	float		No
usPort	integer		No
dsServiceGroup	string		No
usServiceGroup	string		No
videoServiceGroups	[ string ]		No
videoInterfaces	[ 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	<i>Enum: "Pending", "Approved"</i>	No
nodeSegmentation	string	<i>Enum: "RPD_1x1", "RPD_1x2", "RPD_2x2"</i>	No
shelf	boolean		No
controllerAlignment	boolean		No
dsgTgList	[ integer ]		No
assignedCores	[ object ]		No
portConfigs	[ object ]		No
downstreamVmid	integer		No
downstreamVmidProfile	integer		No
upstreamVmid	integer		No
upstreamVmidProfile	integer		No
secondUpstreamVmidProfile	integer		No



Name	Type	Description	Required
additionalCore	string ]		No
preConfigure	boolean		No
ssidProfileId	integer		No
disableNetworkDelay	boolean		No

### SetRpdPairingInput

Name	Type	Description	Required
setRpdPairingList	[ object ]		No

### Error

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

### 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
rpdpairingResp	[object ]		No

### QueryRpdPairingInput

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

### QueryRpdPairingOutput

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

### RpdPairingOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
macAddress	string		No
name	string		No
description	string		No
approvalState	string	<i>Enum:</i> "Pending", "Approved"	No
additionalCore	object ]		No
state	string	<i>Enum:</i> "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "Online", "PartialOnline", "DeletePending", "Offline", "OnlineWithException"	No
pairingChangeTime	Timestamp		No
serviceTemplate	string		No
nodeSegmentation	string	<i>Enum:</i> "RPD_1x1", "RPD_1x2", "RPD_2x2"	No
dsgTgList	[ integer ]		No
downstreamVlanId	integer		No
downstreamVlanProfile	string		No
shelf	boolean		No
upstreamVlanId	integer		No
upstreamVlanProfile	string		No
secondUpstreamVlanProfile	string		No

Name	Type	Description	Required
disableNetworkDelay	boolean		No
assignedCores	[ object ]		No
portConfigs	[ object ]		No
gpsLocation	object		No
ssidProfileId	integer		No
controllerAlignment	boolean		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
rpdpairingResponse	[ 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
rpdpairingResponse	[ 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
rpdPairingResp	[ 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
rpdPairingResp	[ object ]		No

**SetRedirectVersionInput**

Name	Type	Description	Required
rpdVersion	string		No
rpdVendor	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
rpVendor	string		No
redirectVersion	string		No

### DeleteRedirectVersionInput

Name	Type	Description	Required
rpVersion	string		No
rpVendor	string		No

### DeleteRedirectVersionOutput

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

### GcpRedirectRpdDetails

Name	Type	Description	Required
rpVersion	string		No
rpVendor	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
deletePendingRpds	[ string ]		No
lockedRpds	[ string ]		No
beingGcpUpRpds	[ 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
dlmMeasureOnly	boolean		No
elementsList	[ object ]		No
rpNameList	[ string ]		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
downstreamVpnId	integer		No
upstreamVpnId	integer		No



Name	Type	Description	Required
downstreamVlan	long	Profile	No
upstreamVlan	long	Profile	No
secondUpstreamVlan	long	Profile	No
downstreamControll	integer	Profile	No
upstreamControll	integer	Profile	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
servicegroupProfile	string		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
loadBalanceXst	string		No
networkDelayStager	integer		No
networkDelayDl	integer		No
dlmMeasureOnly	boolean		No
elementsList	[ 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

Name	Type	Description	Required
downstreamControlProfile	integer		No
upstreamControlProfile	integer		No
downstreamVlan	integer		No
downstreamVlanProfile	integer		No
upstreamVlan	integer		No
upstreamVlanProfile	integer		No
secondUpstreamVlanProfile	integer		No
svcNdfProfiles	[ object ]		No
svcNdrProfiles	[ object ]		No
rfPowerAdjust	[ string ]		No
rdtiConfig	integer		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	[ object ]		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
dsgTunnelGroupID	integer		No
loadBalanceXst	string		No
networkDelay	integer		No
networkDelayID	integer		No
dlmMeasureOnly	boolean		No
elementsList	[ object ]		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	[ object ]		No

**DeleteServiceTemplateOutput**

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

Name	Type	Description	Required
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
rpdTopology	[ 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
rpdConnected	[ string ]		No

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

### QueryRpdDetailsInput

Name	Type	Description	Required
macAddress	string		No
name	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

**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
state	string	<i>Enum:</i> "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "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	string		No

**RpdHistoryNotification**

Name	Type	Description	Required
stateChangeTime	float		No
state	string	<i>Enum:</i> "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "Online", "PartialOnline", "DeletePending", "Offline", "OnlineWithException"	No
stateDetails	string		No
correctiveAction	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
gpsLocationRange	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	Enum: "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "Online", "PartialOnline", "DeletePending", "Offline", "OnlineWithException"	No
type	string		No
stateChangeTime	date-time		No
gpsLocation	object		No
deviceInfo	object		No
serviceTemplate	string		No
approvalState	string	Enum: "Pending", "Approved"	No
assignedCores	[ object ]		No
portConfigs	[ object ]		No
additionalCores	[ object ]		No
nodeSegmentation	string	Enum: "RPD_1x1", "RPD_1x2", "RPD_2x2"	No
dsgTgList	[ integer ]		No
downstreamVpnId	integer		No
downstreamVpnProfile	integer		No
upstreamVpnId	integer		No

Name	Type	Description	Required
upstreamVarpdProfile	VarpdProfile		No
secondUpstreamVarpdProfile	VarpdProfile		No
pairingChangeTime	Timestamp		No
rpdHistory	[ object ]		No
cli	string		No
ssidProfileId	integer		No
disableNetworkDelay	boolean		No
shelf	boolean		No
controllerAlignment	boolean		No

### DeleteRpdInventoryInput

Name	Type	Description	Required
macAddress	string		No

### DeleteRpdInventoryOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	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

### RpdRestCompatibility

Name	Type	Description	Required
key	object		No

### RpdRestCompatibilityKey

Name	Type	Description	Required
rpVendor	string		No
rpSwVersion	string		No
routerType	string		No
routerSwVersion	string		No

### SetRpdCompatibilityInput

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

### 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
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
deleteRfPowerConfigOutput	[ 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
rpdcSoftwareVersionValidate	boolean		No

Name	Type	Description	Required
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

Name	Type	Description	Required
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	ObjectList		No

### DataImportInput

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

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

### DataImportOutput

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

### DataExportInput

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

### DataExportOutput

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



Name	Type	Description	Required
rpdAssociationCount	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", "OFFLINE", "SSHKEYFETCH_IN_PROGRESS", "SSHKEYFETCH_FAILED"	No

### CoreDetails

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

Name	Type	Description	Required
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", "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
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
dscontrollers	[ string ]		No
uscontrollers	[ string ]		No
macDomain	[ string ]		No

Name	Type	Description	Required
fiberNodes	[ 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

**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
rpdState	string	<i>Enum:</i> "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "Online", "PartialOnline", "DeletePending", "Offline", "OnlineWithException"	No
rpdType	string		No
coreConfiguration	object		No

### RpdConfigurationDetailsListOutput

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

### ServiceDetails

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

# Inventory Manager APIs

**Version: 22.1.0**

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**/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

**Models****SetInstanceIdInput**

Name	Type	Description	Required
instanceId	string		No

**Error**

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

**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

### 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

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

### MaintainCCAPCoreInput

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

### DeviceStatusOutput

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

### MaintainCCAPCoreOutput

Name	Type	Description	Required
status	string	<i>Enum</i> : "Success", "Failure", "PartialSuccess"	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
state	string	<i>Enum</i> : "UNKNOWN", "ONLINE", "MAINTENANCE", "NORMALOPS_PROGRESS", "OFFLINE", "SSHKEYFETCH_IN_PROGRESS", "SSHKEYFETCH_FAILED"	No
stateChangeTime	timestamp		No
macAddress	string		No

Name	Type	Description	Required
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

### DeviceHistoryNotification

Name	Type	Description	Required
state	string	<i>Enum:</i> "UNKNOWN", "ONLINE", "MAINTENANCE", "NORMALOPS_PROGRESS", "OFFLINE", "SSHKEYFETCH_IN_PROGRESS", "SSHKEYFETCH_FAILED"	No
stateDetails	string		No
correctiveAction	string		No
stateChangeTimestamp	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

Name	Type	Description	Required
nextFrom	string		No
deviceList	[ object ]		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
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
profileName	string		No
username	string		No
password	string		No
connectionType	string	<i>Enum:</i> "SSH", "Telnet"	No
port	integer		No
enablePassword	string		No
snmpReadCommunity	string		No
snmpWriteCommunity	string		No

**SetCredentialProfileOutput**

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

**QueryCredentialProfileInput**

Name	Type	Description	Required
profileNameList	[ string ]		No

### CredentialProfileOutput

Name	Type	Description	Required
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

### Status

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

### DeleteCredentialProfileInput

Name	Type	Description	Required
profileName	string		No

**DeleteCredentialProfileOutput**

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

**UserResetPasswordInput**

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

# Operations Hub Authentication API

**Version:** 1.0

**Contact information:**

Operations Hub API Support

## Security

### BasicAuth

---

basic *Basic*

---

## /loglevel

### GET

**Summary** Get HM Auth Current LogLevel

**Description** Get HM Auth Current LogLevel

### Responses

---

Code	Description	Schema
200	OK	<a href="#">auth.LogLevel</a>

---

## 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	<a href="#">auth.LogLevel</a>

**Responses**

Code	Description	Schema
200	OK	<a href="#">auth.LogLevel</a>
400	Bad Request	string

**Security**

Security Schema	Scopes
AuthBearerHeader	

**/reset-internal-user****PATCH****Summary** Reset Internal Admin User**Description** Reset Internal Admin User**Parameters**

Name	Located in	Description	Required	Schema
ResetPasswordRequestObj	body	Reset Internal User	Yes	<a href="#">structs.ResetPasswordRequestObj</a>

**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	<a href="#">auth.Content</a>
500	Internal Server Error	<a href="#">auth.ErrorResponse</a>

### PATCH

**Summary** Create, update login banner message

**Description** Create, update login banner message

### Parameters

Name	Located in	Description	Required	Schema
LoginBannerBody		Login Banner	Yes	<a href="#">auth.LoginBanner</a>

### Responses

Code	Description	Schema
200	OK	string
400	Bad Request	<a href="#">auth.ErrorResponse</a>
401	Unauthorized	<a href="#">auth.ErrorResponse</a>
500	Internal Server Error	<a href="#">auth.ErrorResponse</a>

## /v1/token

**POST****Summary** Generate an API token if user is valid**Description** Generate an API token**Responses**

Code	Description	Schema
201	Created	<a href="#">structs.TokenGenInfo</a>
400	Bad Request	<a href="#">auth.ErrorResponse</a>

**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	<a href="#">structs.TokenRefreshReqInfo</a>

### Responses

Code	Description	Schema
200	OK	<a href="#">structs.TokenGenInfo</a>
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 <a href="https://www.loc.gov/standards/iso639-2/php/code_list.php">https://www.loc.gov/standards/iso639-2/php/code_list.php</a>	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	[ <a href="#">auth.Content</a> ]		No

**structs.ResetPasswordRequestObj**

Name	Type	Description	Required
admin_password	string		No
confirm_password	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	<a href="#">model.ElasticSearchRequest</a>

**Responses**

Code	Description	Schema
200	OK	<a href="#">model.ElasticSearchResponse</a>
400	Bad Request	<a href="#">model.GenericResponse</a>
500	Processing Errors	<a href="#">model.GenericResponse</a>

**/v1/identitymgmt/exportldap****GET**

**Summary** This api will export ldap configuration

**Description** This api will export ldap configuration

**Responses**

Code	Description	Schema
200	OK	<a href="#">model.LdapConfigObject</a>
400	Bad Request	<a href="#">model.GenericResponse</a>
500	Internal Server Error	<a href="#">model.GenericResponse</a>

**/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	<a href="#">model.UExportResponse</a>
400	Bad Request	<a href="#">model.GenericResponse</a>
500	Internal Server Error	<a href="#">model.GenericResponse</a>

**/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	<a href="#">model.GroupListResponse</a>
400	Bad Request	<a href="#">model.GenericResponse</a>
500	Processing Errors	<a href="#">model.GenericResponse</a>

## /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	<a href="#">model.LdapConfigObject</a>

### Responses

Code	Description	Schema
200	OK	<a href="#">model.GenericResponse</a>
400	Bad Request	<a href="#">model.GenericResponse</a>
500	Internal Server Error	<a href="#">model.GenericResponse</a>

## /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	<a href="#">model.UMExportResponse</a>

**Responses**

Code	Description	Schema
200	OK	<a href="#">model.GenericResponse</a>
400	Bad Request	<a href="#">model.GenericMapResponse</a>
500	Internal Server Error	<a href="#">model.GenericMapResponse</a>

**/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	<a href="#">model.LdapConfigObject</a>
400	Bad Request	<a href="#">model.GenericResponse</a>
500	Processing Errors	<a href="#">model.GenericResponse</a>

**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	<a href="#">model.LdapConfigObject</a>

**Responses**

Code	Description	Schema
200	Ldap Config updated successfully	<a href="#">model.GenericResponse</a>
400	Bad Request	<a href="#">model.GenericResponse</a>
500	Processing Errors	<a href="#">model.GenericResponse</a>

## 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	<a href="#">model.LdapConfigObject</a>

### Responses

Code	Description	Schema
200	Ldap config added successfully	<a href="#">model.GenericResponse</a>
400	Bad Request	<a href="#">model.GenericResponse</a>
500	Processing Errors	<a href="#">model.GenericResponse</a>

## 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	<a href="#">model.LdapDeleteConfigRequest</a>

### Responses

Code	Description	Schema
200	Ldap Config deleted successfully	<a href="#">model.GenericResponse</a>
400	Bad Request	<a href="#">model.GenericResponse</a>



Code	Description	Schema
500	Processing Errors	<a href="#">model.GenericResponse</a>

**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	<a href="#">model.LdapConfigObject</a>

**Responses**

Code	Description	Schema
200	Ldap Config added successfully	<a href="#">model.GenericResponse</a>
400	Bad Request	<a href="#">model.GenericResponse</a>
500	Processing Errors	<a href="#">model.GenericResponse</a>

**/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	<a href="#">model.LogLevelRequest</a>

**Responses**

Code	Description	Schema
200	Assigned successfully	<a href="#">model.GenericResponse</a>
400	Bad Request	<a href="#">model.GenericResponse</a>
500	Processing Errors	<a href="#">model.GenericResponse</a>

**/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	<a href="#">model.PasswordAgeRequest</a>

**Responses**

Code	Description	Schema
200	Password age changed successfully	<a href="#">model.GenericResponse</a>
400	Bad Request	<a href="#">model.GenericResponse</a>
500	Processing Errors	<a href="#">model.GenericResponse</a>

**/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	<a href="#">model.ChangePasswordLengthRequest</a>

**Responses**

Code	Description	Schema
200	Updated successfully	<a href="#">model.GenericResponse</a>
400	Bad Request	<a href="#">model.GenericResponse</a>
500	Processing Errors	<a href="#">model.GenericResponse</a>

**/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	<a href="#">model.ResetPasswordRequest</a>

**Responses**

Code	Description	Schema
200	Password Updated succesfully	<a href="#">model.GenericResponse</a>
400	Bad Request	<a href="#">model.GenericResponse</a>
500	Processing Errors	<a href="#">model.GenericResponse</a>

**/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	<a href="#">model.ChangeSelfPasswordRequest</a>

**Responses**

Code	Description	Schema
200	Password Updated succesfully	<a href="#">model.GenericResponse</a>
400	Bad Request	<a href="#">model.GenericResponse</a>
500	Processing Errors	<a href="#">model.GenericResponse</a>

**/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	<a href="#">model.UserDetailListResponse</a>
400	Bad Request	<a href="#">model.GenericResponse</a>
500	Processing Errors	<a href="#">model.GenericResponse</a>

**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	<a href="#">model.CreateUserRequest</a>

**Responses**

Code	Description	Schema
200	User added successfully	<a href="#">model.GenericResponse</a>
400	Bad Request	<a href="#">model.GenericResponse</a>
500	Processing Errors	<a href="#">model.GenericResponse</a>

**/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	<a href="#">model.UserGroupRequest</a>

**Responses**

Code	Description	Schema
200	Assigned successfully	<a href="#">model.GenericResponse</a>
400	Bad Request	<a href="#">model.GenericResponse</a>
500	Processing Errors	<a href="#">model.GenericResponse</a>

**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	<a href="#">model.UserGroupRequest</a>

**Responses**

Code	Description	Schema
200	Unassigned successfully	<a href="#">model.GenericResponse</a>
400	Bad Request	<a href="#">model.GenericResponse</a>
500	Processing Errors	<a href="#">model.GenericResponse</a>

**/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	<a href="#">model.UserDetailResponse</a>
400	Bad Request	<a href="#">model.GenericResponse</a>
500	Processing Errors	<a href="#">model.GenericResponse</a>

**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	<a href="#">model.GenericResponse</a>
400	Bad Request	<a href="#">model.GenericResponse</a>
500	Processing Errors	<a href="#">model.GenericResponse</a>

**Models****model.ChangePasswordLengthRequest**

Name	Type	Description	Required
length	integer		No

**model.ChangeSelfPasswordRequest**

Name	Type	Description	Required
confirm_password	string		No
current_password	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.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
group-attr	string		No
group-mapping	[ <a href="#">model.LdapGroupMappingObject</a> ]		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.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.UExportResponse**

Name	Type	Description	Required
genericPassword	string		No
userList	[ <a href="#">model.UserDetails</a> ]		No

**model.UserDetailListResponse**

Name	Type	Description	Required
userDetailList	[ <a href="#">model.UserDetailResponse</a> ]		No

**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
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	<a href="#">tag.ApiResponse</a> & object
500	internal server error	<a href="#">tag.ApplicationError</a>

**/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	[ <a href="#">tag.EntityUuidTag</a> ]

### Responses

Code	Description	Schema
201	tags are created	<a href="#">tag.ApiResponse</a> & object
400	bad request	<a href="#">tag.ApplicationError</a> & object
500	internal server error	<a href="#">tag.ApplicationError</a>

**/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	<a href="#">tag.ApiResponse</a> & object
400	bad request	<a href="#">tag.ApplicationError</a>
404	not found	<a href="#">tag.ApplicationError</a>
500	internal server error	<a href="#">tag.ApplicationError</a>

**/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	<a href="#">tag.EntityUuid</a>

**Responses**

Code	Description	Schema
200	list of all the tags	<a href="#">tag.ApiResponse</a> & object
400	bad request	<a href="#">tag.ApplicationError</a> & object
500	internal server error	<a href="#">tag.ApplicationError</a>

**/v1/tags/export****GET**

**Summary** exports tag data

**Description** API to export tag data

**Responses**

Code	Description	Schema
200	list of tags	<a href="#">tag.ApiResponse</a> & object
500	internal server error	<a href="#">tag.ApplicationError</a>

**/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	<a href="#">tag.ExportTagData</a>

**Responses**

Code	Description	Schema
200	list of tags	<a href="#">tag.ApiResponse</a> & object
400	bad request	<a href="#">tag.ApplicationError</a>
500	internal server error	<a href="#">tag.ApplicationError</a>

**/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	<a href="#">tag.EntityTagDetails</a>

**Responses**

Code	Description	Schema
200	Remove tag association from entity success	<a href="#">tag.ApiResponse</a> & object
400	bad request	<a href="#">tag.ApplicationError</a>

Code	Description	Schema
500	internal server error	<a href="#">tag.ApplicationError</a>

## /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	<a href="#">tag.ApiResponse</a> & object
400	bad request	<a href="#">tag.ApplicationError</a>
500	internal server error	<a href="#">tag.ApplicationError</a>

## /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.

### 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	<a href="#">tag.ApiResponse</a> & object
400	bad request	<a href="#">tag.ApplicationError</a>
404	not found	<a href="#">tag.ApplicationError</a>
500	internal server error	<a href="#">tag.ApplicationError</a>

### 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</code> <code>// 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
tag-details	[ <a href="#">tag.TagBasicDetails</a> ]		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	<a href="#">tag.EntityUuid</a>		No
tag-name	string		Yes

**tag.ExportTagData**

Name	Type	Description	Required
entity- instances	[ <a href="#">tag.EntityTagUuid</a> ]		No
opshub- registered- entities	[ string ]		No
tags	[ <a href="#">tag.TagBasicDetails</a> ]		No

**tag.GetTagsForEntityResponse**

Name	Type	Description	Required
entity-tag-details	[ <a href="#">tag.EntityTag</a> ]		No
next-cursor	integer		No
total-size	integer		No

**tag.TagBasicDetails**

Name	Type	Description	Required
id	string		No

**tag.TagResponse**

Name	Type	Description	Required
invalid-uuids	[ string ]		No
valid-uuids	[ <a href="#">tag.UuidTag</a> ]		No

**tag.TagsWithUid**

Name	Type	Description	Required
tags	[ <a href="#">tag.TagBasicDetails</a> ]		No
uuid	string		No

**tag.UuidTag**

Name	Type	Description	Required
entity-uuid	string		No
tag-details	[ <a href="#">tag.TagBasicDetails</a> ]		No



# Opshub 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 sory by the parameter from DB.	No	string
order-by	query	Query order from DB.	No	string

### Responses

Code	Description	Schema
200	OK	<a href="#">model.AlertGetEntry</a>

## /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	<a href="#">model.AlertGroupGetInfo</a>

## /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	<a href="#">model.AlertGroupGetInfo</a>

**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	<a href="#">model.AlertGroupSetInfo</a>

**Responses**

Code	Description	Schema
200	OK	<a href="#">model.AlertGroupGetInfo</a>
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	<a href="#">model.AlertGetInfo</a>

**/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	<a href="#">model.AlertSetInfo</a>

**Responses**

Code	Description	Schema
200	OK	<a href="#">model.AlertGetInfo</a>
400	Bad Request	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	<a href="#">model.LogLevel</a>

**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	<a href="#">model.LogLevel</a>

**Responses**

Code	Description	Schema
200	OK	<a href="#">model.LogLevel</a>
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	<a href="#">model.AlertConfigGetInfo</a>

**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	<a href="#">model.AlertConfigSetInfo</a>

### Responses

Code	Description	Schema
200	OK	<a href="#">model.AlertConfigGetInfo</a>
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	[ <a href="#">model.AlertGetInfo</a> ]		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
comment	string		No
creator	string		No
expire-time	string		No

**model.LogLevel**

Name	Type	Description	Required
Log Level	string		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	<a href="#">model.ApiResponse</a>
404	Not Found	<a href="#">model.ApiResponse</a>
500	Internal Server Error	<a href="#">model.ApiResponse</a>

**/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	<a href="#">model.ApiResponse</a>
400	Bad Request	<a href="#">model.ApiResponse</a>
404	Not Found	<a href="#">model.ApiResponse</a>
500	Internal Server Error	<a href="#">model.ApiResponse</a>

**/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	<a href="#">model.OperationStatusResponse</a>
400	Bad Request	<a href="#">model.ApiResponse</a>
404	Not Found	<a href="#">model.ApiResponse</a>
500	Internal Server Error	<a href="#">model.ApiResponse</a>

## Models

### model.ApiResponse

Name	Type	Description	Required
code	integer	add response status code e.g. <code>http.StatusOK // 200</code>	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 <code>http.StatusText(http.StatusOK)</code>	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



