



Cisco Operations Hub and Smart PHY REST API Guide, Release 25.1

First Published: 2025-05-23

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RPD Service Manager APIs

Version: 25.1.0

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/rpdorch/v3/rpd-pairing/set-rpd-pairing

POST

Summary API to set RPD pairing version3

Description Set RPD Pairing version3

Parameters

Name	Located in	Description	Required	Schema
X-JWT-ACCESS-TOKEN	cookie		No	string
userDetails	cookie		No	string
User-Agent	header		No	string

Responses

Code	Description
200	OK

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

POST

Summary API to query RPD details

Description Query RPD details

Responses

Code	Description
200	OK

/rpdorch/v2/rpd-topology/get-rpds-for-core**POST**

Summary API to query all RPD Inventory and Pairing data for given core

Description Query complete data for all RPDs for a given core

Responses

Code	Description
200	OK

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

Summary API to set RPD pairing version2

Description Set RPD Pairing version2

Parameters

Name	Located in	Description	Required	Schema
X-JWT-ACCESS-TOKEN	cookie		No	string
userDetails	cookie		No	string
User-Agent	header		No	string

Responses

Code	Description
200	OK

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

Summary API to set latestSD to RPD pairing

Description Set RPD Pairing

Parameters

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

Responses

Code	Description
200	OK

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

POST

Summary API to query all RPD pairing

Description Query all RPD pairing

Responses

Code	Description
200	OK

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

POST

Summary API to query RPD pairing for given RPD names

Description Query RPD pairing for given RPD names

Responses

Code	Description
200	OK

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

POST

Summary API to query RPD pairing for given MAC Addresses

Description Query RPD pairing for given MAC Addresses

Responses

Code	Description
200	OK

/rpdorch/v2/rpd-pairing/query-rpd-ccap-core-details

POST

Summary API to query CCAP core summary with GCP details for the given RPD

Description Query CCAP Core Summary details

Responses

Code	Description
200	OK

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

POST

Summary API to delete RPD pairing

Description Delete RPD pairing

Parameters

Name	Located in	Description	Required	Schema
X-JWT-ACCESS-TOKEN	cookie		No	string
userDetails	cookie		No	string
User-Agent	header		No	string

Responses

Code	Description
200	OK

/rpdorch/v2/rpd-pairing/clear-rpd-pairing**POST**

Summary API to clear RPD pairing

Description Clear RPD pairing

Parameters

Name	Located in	Description	Required	Schema
X-JWT-ACCESS-TOKEN	cookie		No	string
userDetails	cookie		No	string
User-Agent	header		No	string

Responses

Code	Description
200	OK

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

Summary API to set RPD Compatibility version2

Description Set RPD Compatibility version2

Responses

Code	Description
200	OK

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

Summary API to set redirect version

Description Set GCP redirect version

Responses

Code	Description
200	OK

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

Summary API to remove redirect version

Description Remove GCP redirect version

Responses

Code	Description
200	OK

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

Summary API to query redirect versions

Description Query GCP redirect version

Responses

Code	Description
200	OK

/rpdorch/v2/data-service/db-cleanup-import**POST**

Summary API to erase existing database and import given database - version2

Description Erase existing database and Import database from client browser

Parameters

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

Responses

Code	Description
200	OK

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

POST

Summary API to retrieve processing queue info

Description dump system info

Responses

Code	Description
200	OK

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

POST

Summary API to show contents of commit queue

Description Show contents of commit queue

Responses

Code	Description
200	OK

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

POST

Summary API to delete commit queue item

Description Delete commit queue item

Responses

Code	Description
200	OK

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

POST

Summary API to add/update service template

Description Add/update Service Template

Parameters

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

Responses

Code	Description
200	OK

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

POST

Summary API to query service group profiles

Description Query service group profiles

Responses

Code	Description
200	OK

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

POST

Summary API to query service definition diff

Description query service definition diff

Responses

Code	Description
200	OK

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

POST

Summary API to get service template

Description Get Service Template

Responses

Code	Description
200	OK

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

POST

Summary API to get list of count of rpd assigned to service templates

Description Get list of count of RPD assigned to all Service Templates

Responses

Code	Description
200	OK

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

Summary API to get all service templates

Description Get All Service Templates

Responses

Code	Description
200	OK

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

Summary API to get all the version of a service template

Description Get Service Template

Responses

Code	Description
200	OK

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

Summary API to delete service template list

Description Delete Service Template List

Responses

Code	Description
200	OK

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

Summary API to delete service template

Description Delete Service Template

Responses

Code	Description
200	OK

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

Summary API to add service template list

Description Add Service Template List

Responses

Code	Description
200	OK

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

Summary API to update RPD

Description Update RPD

Responses

Code	Description
200	OK

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

Summary API to refresh RPD status

Description refresh RPD status

Responses

Code	Description
200	OK

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

Summary API to query RPD topology

Description Query RPD Topology

Responses

Code	Description
200	OK

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

Summary API to query RPD inventory

Description Query RPD inventory

Responses

Code	Description
200	OK

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

Summary API to query RPD details

Description Query RPD details

Responses

Code	Description
200	OK

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

POST

Summary API to query all RPD Inventory and Pairing data

Description Query complete data for all RPDs

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-topology/dump-system-info

POST

Summary API to dump system info

Description dump system info

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-topology/add-rpd-inventory

POST

Summary API to add RPD to inventory

Description Add RPD

Responses

Code	Description
200	OK

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

Summary API to set RPD pairing

Description Set RPD Pairing

Responses

Code	Description
200	OK

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

Summary API to query all RPD's associated with given service definition UUID

Responses

Code	Description
200	OK

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

Summary API to query all RPD's associated with given list of service definition

Description Query all RPD for the list of SD's

Responses

Code	Description
200	OK

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

POST

Summary API to query all RPD's associated with given service definition and version

Responses

Code	Description
200	OK

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

POST

Summary API to query all RPD's not associated with latest service definition

Responses

Code	Description
200	OK

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

POST

Summary API to query all RPD pairing

Description Query all RPD pairing

Responses

Code	Description
200	OK

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

POST

Summary API to query RPD pairing for given RPD names

Description Query RPD pairing

Responses

Code	Description
200	OK

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

POST

Summary API to query RPD pairing for given MAC Addresses

Description Query RPD pairing

Responses

Code	Description
200	OK

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

POST

Summary API to delete RPD pairing

Description Delete RPD pairing

Responses

Code	Description
200	OK

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

POST

Summary API to clear RPD pairing

Description Clear RPD pairing

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-compatibility/set-rpd-compatibility**POST**

Summary API to set RPD Compatibility

Description Set RPD Compatibility

Responses

Code	Description
200	OK

/rpdorch/v1/rpd-compatibility/query-rpd-compatibility**POST**

Summary API to query RPD Compatibility details for a given key

Description Query RPD Compatibility for a given key

Responses

Code	Description
200	OK

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

Summary API to query all RPD Compatibility

Description Query all RPD Compatibility

Responses

Code	Description
200	OK

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

POST

Summary API to delete RPD Compatibility

Description delete RPD Compatibility

Responses

Code	Description
200	OK

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

POST

Summary API to set RF power configuration

Description Set global RF power configuration

Responses

Code	Description
200	OK

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

POST

Summary API to get RF power configuration

Description Get global RF power configuration

Responses

Code	Description
200	OK

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

Summary API to delete RF power configuration

Description delete global RF power configuration

Responses

Code	Description
200	OK

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

Summary API to release resources from rpd

Description release resources

Responses

Code	Description
200	OK

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

Summary API to insert resources

Description insert resources

Responses

Code	Description
200	OK

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

Summary API to delete resources from resourceMap

Description delete resources

Responses

Code	Description
200	OK

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

POST

Summary API to delete inteface resources from resourceMap

Description delete interface resources

Responses

Code	Description
200	OK

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

POST

Summary API to assign resources

Description assign resources

Responses

Code	Description
200	OK

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

POST

Summary API to dump resource map

Description dump resource map

Responses

Code	Description
200	OK

/rpdorch/v1/global-config/set-global-config**POST**

Summary API to set global configuration

Description Set global configuration

Responses

Code	Description
200	OK

/rpdorch/v1/global-config/reset-global-config**POST**

Summary API to reset global configuration

Description Reset global configuration

Responses

Code	Description
200	OK

/rpdorch/v1/global-config/query-global-config**POST**

Summary API to query global configuration

Description Query global configuration

Responses

Code	Description
200	OK

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

POST

Summary API to set installation instance identifier

Description Set instance identifier

Responses

Code	Description
200	OK

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

POST

Summary API to get installation instance identifier

Description Get instance identifier

Responses

Code	Description
200	OK

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

POST

Summary API to get DB export-import status

Description Get DB export-import status

Responses

Code	Description
200	OK

/rpdorch/v1/data-service/db-cleanup-import

POST

Summary API to erase existing database and import given database

Description Erase existing database and Import database

Parameters

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

Responses

Code	Description
200	OK

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

POST

Summary API to import database

Description Import database

Responses

Code	Description
200	OK

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

POST

Summary API to export database

Description Export database

Parameters

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

Responses

Code	Description
200	OK

/rpdorch/v1/dashboard/count**POST**

Summary API to retrieve device, service template, credential profile and association counts

Description Retrieves device, service template, credential profile and association counts

Responses

Code	Description
200	OK

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

Summary API to query credential profiles

Description Query credentials

Responses

Code	Description
200	OK

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

Summary API to query Core details

Description Query Core details

Responses

Code	Description
200	OK

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

Summary API to query core resource usage

Description Query core resource usage

Responses

Code	Description
200	OK

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

Summary API to fetch Core Ssh Key

Description Fetch Core Ssh Key

Responses

Code	Description
200	OK

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

Summary API to delete Dpic Inventory

Description Dpic Interfaces Deleted

Responses

Code	Description
200	OK

/rpdorch/v1/core-topology/delete-core-inventory

POST

Summary API to delete Core

Description Delete Core

Responses

Code	Description
200	OK

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

POST

Summary API to add Dpic Inventory

Description Dpic Interfaces Added

Responses

Code	Description
200	OK

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

POST

Summary API to add Core

Description Add Core

Responses

Code	Description
200	OK

/rpdorch/v1/config-reconciliation/reconciliation-check**POST**

Summary API to trigger reconciliation

Description Trigger reconciliation

Parameters

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

Responses

Code	Description
200	OK

/rpdorch/v1/config-reconciliation/reconcile-rpd-from**POST**

Summary API to trigger reconciliation for RPD and update SmartPHY

Description Trigger reconciliation for RPD and update SmartPHY

Parameters

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

Responses

Code	Description
200	OK

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

Summary API to trigger reconciliation and update SmartPHY

Description Trigger reconciliation and update SmartPHY

Parameters

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

Responses

Code	Description
200	OK

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

Summary API to trigger reconciliation

Description Trigger reconciliation

Parameters

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

Responses

Code	Description
200	OK

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

Summary API to retrieve reconciliation report

Description Retrieve reconciliation report

Responses

Code	Description
200	OK

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

Summary API to retrieve reconciliation report list

Description Retrieve reconciliation report

Responses

Code	Description
200	OK

/rpdorch/v1/config-reconciliation/get-nso-cli-for-entity**POST**

Summary API to fetch NSO CLi Stored in Elastic Search

Description Retrieve NSO CLi from Elastic Search

Responses

Code	Description
200	OK

/rpdorch/v1/config-reconciliation-v1/reconciliation-check**POST**

Summary API to trigger reconciliation

Description Trigger reconciliation

Parameters

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

Responses

Code	Description
200	OK

/rpdorch/v1/config-reconciliation-v1/reconcile-rpd-from**POST**

Summary API to trigger reconciliation for RPD and update SmartPHY

Description Trigger reconciliation for RPD and update SmartPHY

Parameters

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

Responses

Code	Description
200	OK

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

Summary API to trigger reconciliation and update SmartPHY

Description Trigger reconciliation and update SmartPHY

Parameters

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

Responses

Code	Description
200	OK

/rpdorch/v1/config-reconciliation-v1/perform-reconciliation

POST

Summary API to trigger reconciliation

Description Trigger reconciliation

Parameters

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

Responses

Code	Description
200	OK

/rpdorch/v1/config-reconciliation-v1/get-reconciliation-report

POST

Summary API to retrieve reconciliation report

Description Retrieve reconciliation report

Responses

Code	Description
200	OK

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

Summary API to retrieve reconciliation report list

Description Retrieve reconciliation report

Responses

Code	Description
200	OK

/rpdorch/v1/config-reconciliation-v1/get-nso-cli-for-entity**POST**

Summary API to fetch NSO CLi Stored in Elastic Search

Description Retrieve NSO CLi from Elastic Search

Responses

Code	Description
200	OK

/rpdorch/v1/config-reconciler-data-service/sync-from**POST**

Summary API to perform sync-from for selected core

Description Sync Core

Responses

Code	Description
200	OK

/rpdorch/v1/config-reconciler-data-service/read-lcha-data

POST

Summary API to load LCHA data for selected core

Description LCHAData

Responses

Code	Description
200	OK

/logger/level

GET

Summary API to get logger level

Responses

Code	Description
200	OK

POST

Summary API to set logger level

Responses

Code	Description
200	OK

/rpdorch/v2/rpd-topology/query-rpd-configurations

GET

Summary API to query RPD configurations

Description Query RPD configurations

Parameters

Name	Located in	Description	Required	Schema
rpMac	query		Yes	string

Responses

Code	Description
200	OK

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

GET

Summary API to query one or more RPD configurations

Description Query RPD configurations

Parameters

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

Responses

Code	Description
200	OK

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

GET

Summary API to get Service Definition Counts

Description Get Service Definition count

Responses

Code	Description
200	OK

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

GET

Summary API to get RPD Counts

Description Get RPD and Service Definition count

Responses

Code	Description
200	OK

/rpdorch/v1/data-service/get-db-status

GET

Summary API to verify clean database

Description Verifies clean database

Responses

Code	Description
200	OK

Models

AssignedCores

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

GpsLocationRest

Name	Type	Description	Required
genericLocation	string		No
latitude	number		No
longitude	number		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
rfpowerProfiles	[string]		No
usPortDescription	string		No
usBasePower	integer		No
videoMappingDetails	[object]		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:</i> "Pending", "Approved"	No
nodeSegmentation	string	<i>Enum:</i> "RPD_1x1", "RPD_1x2", "RPD_2x2", "RPD_2x4"	No
shelf	boolean		No
controllerAlignment	boolean		No
dsgTgList	[integer]		No

Name	Type	Description	Required
assignedCores	[object]		No
portConfigs	[object]		No
downstreamVlanId	integer		No
downstreamVlanProfile	long		No
upstreamVlanId	integer		No
upstreamVlanProfile	long		No
secondUpstreamVlanProfile	long		No
thirdUpstreamVlanProfile	long		No
fourthUpstreamVlanProfile	long		No
additionalCoreString	[string]		No
preConfigure	boolean		No
ssidProfileId	integer		No
disableNetworkDelay	boolean		No

SetRpdPairingInput

Name	Type	Description	Required
setRpdPairingList	[object]		No

VideoMappingDetials

Name	Type	Description	Required
videoCore	string		No
videoInterface	string		No
videoServiceGroups	[string]		No
videoSPWGroups	[string]		No

Error

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

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

RpdStatusOutput

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

SetRpdPairingOutput

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

QueryRpdDetailsInput

Name	Type	Description	Required
macAddress	string		No
name	string		No

CliData

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

QueryRpdDetailsOutputV2

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

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

RpdHistoryNotification

Name	Type	Description	Required
stateChangeTimestamp	Timestamp		No

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

CoreKey

Name	Type	Description	Required
coreAddress	string		No

GpsLocationRange

Name	Type	Description	Required
latitudeRange	object		No
longitudeRange	object		No

GpsRange

Name	Type	Description	Required
from	number		No
to	number		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

Name	Type	Description	Required
state	string	<i>Enum:</i> "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "Reconciled", "ReconciliationFailed", "PartiallyReconciled", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "Online", "PartialOnline", "DeletePending", "Offline", "OnlineWithException", "SSDInitiated", "SSDRPDError", "SSDCompleted", "ReceivedErrorNotification"	No
type	string		No
stateChangeTime	int64		No
gpsLocation	object		No
deviceInfo	object		No
serviceTemplate	string		No
approvalState	string	<i>Enum:</i> "Pending", "Approved"	No
assignedCores	[object]		No
portConfigs	[object]		No
additionalCores	[object]		No
nodeSegmentation	string	<i>Enum:</i> "RPD_1x1", "RPD_1x2", "RPD_2x2", "RPD_2x4"	No
dsgTgList	[integer]		No

Name	Type	Description	Required
downstreamVpnId	integer		No
downstreamVpnProfile	long		No
upstreamVpnId	integer		No
upstreamVpnProfile	long		No
secondUpstreamVpnProfile	long		No
thirdUpstreamVpnProfile	long		No
fourthUpstreamVpnProfile	long		No
pairingChangeTsEstamp	Timestamp		No
rpHistory	[object]		No
cli	string		No
ssidProfileId	integer		No
disableNetworkDelay	boolean		No
shelf	boolean		No
controllerAlignment	boolean		No
sdVersion	integer		No

SetLatestSDRpdpairingInput

Name	Type	Description	Required
rpds	[string]		No

SetLatestSDRpdpairingOutput

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

QueryRpdpairingInput

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

QueryRpdPairingOutput

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

Name	Type	Description	Required
state	string	<i>Enum:</i> "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "Reconciled", "ReconciliationFailed", "PartiallyReconciled", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "Online", "PartialOnline", "DeletePending", "Offline", "OnlineWithException", "SSDInitiated", "SSDRPDError", "SSDCompleted", "ReceivedErrorNotification"	No
pairingChangeTimestamp	integer		No
serviceTemplate	string		No
nodeSegmentation	string	<i>Enum:</i> "RPD_1x1", "RPD_1x2", "RPD_2x2", "RPD_2x4"	No
dsgTgList	[integer]		No
downstreamVpnId	integer		No
downstreamVpnProfile	integer		No
shelf	boolean		No
upstreamVpnId	integer		No
upstreamVpnProfile	integer		No
secondUpstreamVpnProfile	integer		No
thirdUpstreamVpnProfile	integer		No
fourthUpstreamVpnProfile	integer		No

Name	Type	Description	Required
disableNetworkDelay	boolean		No
assignedCores	[object]		No
portConfigs	[object]		No
gpsLocation	object		No
ssdProfileId	integer		No
controllerAlignment	boolean		No
sduid	string		No
sdVersion	integer		No
createdBy	string		No
createdDate	dateTime		No
lastUpdatedBy	string		No
lastUpdatedDate	dateTime		No

QueryRpdNamePairingInputV2

Name	Type	Description	Required
nameList	[string]	List of RPDs to be deleted	Yes

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

CcapCoreSummary

Name	Type	Description	Required
ccapCoreHostName	string		No
ccapCoreIpAddress	string		No
ccapCoreInterface	string		No
ccapCoreType	string		No
gcpRedirectResult	string		No

CcapCoreSummaryForRPD

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

CcapCoreSummaryOutput

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

DeleteRpdPairingInput

Name	Type	Description	Required
nameList	[string]	List of RPDs to be deleted	Yes
force	boolean	delete a rpd forcefully when the core is in maintenance or offline mode	No

DeleteRpdPairingOutput

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

ClearRpdPairingInput

Name	Type	Description	Required
nameList	[string]	List of RPDs to be deleted	Yes
force	boolean	delete a rpd forcefully when the core is in maintenance or offline mode	No
macAddressList	[string]		No

ClearRpdPairingOutput

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

RpdRestCompatibilityKey

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

RpdRestCompatibilityV2

Name	Type	Description	Required
existingRecord	object		No
newRecord	object		No

SetRpdCompatibilityInputV2

Name	Type	Description	Required
compatibilityList	[object]		No

RpdRestCompatibilityStatus

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

SetRpdCompatibilityOutput

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

SetRedirectVersionInput

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

SetRedirectVersionOutput

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

DeleteRedirectVersionInput

Name	Type	Description	Required
rpdVersion	string		No
rpdVendor	string		No

DeleteRedirectVersionOutput

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

GcpRedirectRpdDetails

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

QueryRedirectVersionListOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
enableI15GlobalGcpRedirect	boolean		No
gcpRedirectVersionList	string		No

DataImportOutput

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

DumpSystemInfoOutput

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

Name	Type	Description	Required
poolSize	integer		No
taskCount	long		No
activeTasks	string		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
data	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
rpdNameList	[string]		No
uuid	string		No
enforce	boolean		No

ServiceElementInput

Name	Type	Description	Required
description	string		No
serviceType	string	<i>Enum:</i> "DATA", "VIDEO", "MULTICASTVIDEO", "OOB"	No
serviceGroupName	string		No
eventProfile	integer		No
mdSplitting	boolean		No
downstreamVpnId	integer		No
upstreamVpnId	integer		No
downstreamVpnProfile	integer		No
upstreamVpnProfile	integer		No
secondUpstreamVpnProfile	integer		No
thirdUpstreamVpnProfile	integer		No
fourthUpstreamVpnProfile	integer		No
downstreamControlProfile	integer		No
upstreamControlProfile	integer		No
svcNdfProfiles	[object]		No
svcNdrProfiles	[object]		No
rfPowerAdjust	[string]		No
rdtiConfig	integer		No

ServiceOobProfile

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

AddServiceTemplateOutput

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

ServiceGroupProfilesInput

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

ServiceGroupProfilesOutput

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

ServiceDefinitionDiffInput

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

ServiceDefinitionDiffOutput

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

ServiceElementOutput

Name	Type	Description	Required
description	string		No
serviceType	string	<i>Enum:</i> "DATA", "VIDEO", "MULTICASTVIDEO", "OOB"	No
serviceGroupName	string		No
eventProfile	integer		No
mdSplitting	boolean		No
downstreamControllerProfile	integer		No
upstreamControllerProfile	integer		No
downstreamVpnProfile	integer		No
downstreamVpnProfile	integer		No
upstreamVpnProfile	integer		No
upstreamVpnProfile	integer		No
secondUpstreamVpnProfile	integer		No
thirdUpstreamVpnProfile	integer		No
fourthUpstreamVpnProfile	integer		No
svcNdfProfiles	{ object }		No
svcNdrProfiles	{ object }		No
rfPowerAdjust	{ string }		No
rdtiConfig	integer		No

ServiceTemplateOutput

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

Name	Type	Description	Required
autoAccept	boolean		No
rpdsAssigned	long		No
rpdsProvisioned	boolean		No
pilotToneProfile	integer		No
dsgTunnelGroupID	integer		No
loadBalanceX	string		No
networkDelayS	integer		No
networkDelayM	integer		No
dlnMeasureOn	boolean		No
uuid	string		No
sdversion	integer		No
timestamp	dateTime		No
user	string		No
elementsList	[object]		No

GetServiceTemplateInput

Name	Type	Description	Required
name	string		No

GetServiceTemplateOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
name	string		No
defaultFlag	boolean		No
autoAccept	boolean		No
rpdsAssigned	long		No
rpdsProvisioned	boolean		No
pilotToneProfile	integer		No
dsgTunnelGroupID	integer		No
loadBalanceX	string		No
networkDelayS	integer		No
networkDelayM	integer		No
dlnMeasureOn	boolean		No
uuid	string		No
sdversion	integer		No
timestamp	dateTime		No

Name	Type	Description	Required
user	string		No
elementsList	[object]		No

GetServiceTemplateRpdsAssignedListOutput

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

ServiceTemplateRpdsAssignedOutput

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

GetServiceTemplateListOutput

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

GetServiceDefinitionOutput

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

Name	Type	Description	Required
error	object		No
serviceTemplateOutputList	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	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

RefreshRPDStatusInput

Name	Type	Description	Required
macAddress	string		No
name	string		No

RefreshRPDStatusOutput

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

QueryRpdTopologyInput

Name	Type	Description	Required
macAddressList	[string]		No

QueryRpdTopologyOutput

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

RpdTopology

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

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

QueryRpdInventoryInput

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

QueryRpdInventoryOutput

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

RpdInventory

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

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

QueryRpdDetailsOutput

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

Name	Type	Description	Required
ipAddress	object		No
name	string		No
description	string		No
state	string	Enum: "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "Reconciled", "ReconciliationFailed", "PartiallyReconciled", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "Online", "PartialOnline", "DeletePending", "Offline", "OnlineWithException", "SSDInitiated", "SSDRPDError", "SSDCompleted", "ReceivedErrorNotification"	No
type	string		No
gpsLocation	object		No
deviceInfo	object		No
stateChangeTime	DateTime		No
rpHistory	[object]		No
cli	string		No

QueryAllRpdDataInput

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

AddRpdInventoryInput

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

AddRpdInventoryOutput

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

QueryRpdListOnServiceDefinitionInput

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

QueryRpdListOnServiceDefinitionOutput

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

Name	Type	Description	Required
rpdsServiceDefinitionList	object list		No
next_from	string		No

RpdDetails

Name	Type	Description	Required
name	string		No
macAddress	string		No
state	string		No
approvalState	string		No
version	string		No
sdversion	integer		No
suid	string		No
segmentation	string	<i>Enum:</i> "RPD_1x1", "RPD_1x2", "RPD_2x2", "RPD_2x4"	No

RpdServiceDefinition

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

SdVersionCount

Name	Type	Description	Required
sdversion	integer		No
count	long		No

GetServiceTemplateInputList

Name	Type	Description	Required
serviceTemplateList	[object]		No

QueryRpdServiceDefinition

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

QueryRpdOnServiceDefinitionInput

Name	Type	Description	Required
uuid	string		No
sdversion	integer		No

QueryRpdOnServiceDefinition

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

QueryRpdNotonLatestSDInput

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

QueryRpdNotonLatestSDOutput

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

QueryRpdNamePairingInput

Name	Type	Description	Required
nameList	[string]	List of RPDs to be deleted	Yes
force	boolean	delete a rpd forcefully when the core is in maintenance or offline mode	No

RpdRestCompatibility

Name	Type	Description	Required
key	object		No

SetRpdCompatibilityInput

Name	Type	Description	Required
compatibilityList	[object]		No

QueryRpdCompatibilityInput

Name	Type	Description	Required
key	object		No

QueryRpdCompatibilityOutput

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

QueryRpdCompatibilityListInput

Name	Type	Description	Required
QueryRpdCompatibilityListInput	object		

QueryRpdCompatibilityListOutput

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

TestInsertResourcesInput

Name	Type	Description	Required
coreUuid	string		No
rfpConnectionInterface	string		No

TestDeleteResourcesInput

Name	Type	Description	Required
coreUuid	string		No

TestDeleteInterfaceResourcesInput

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

TestAssignResourcesToRpdInput

Name	Type	Description	Required
coreUuid	string		No
rpdcnnectionInterface	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
cmtsUsedResources	object		No

SetGlobalConfigInput

Name	Type	Description	Required
staticRouting	boolean		No
rpdcSoftwareVersionValidate	boolean		No
coreConfigPersist	boolean		No
cableDsg	boolean		No
coreConfigPersistInterval	integer		No
dynamicallyAddAdditionalCores	boolean		No
enableDecisionPendingIRA	boolean		No
decisionPendingIRAInterval	integer		No
enableSSDMaxRetries	boolean		No
maxSSDRetriesLimit	integer		No
retriesElapsedTimeForSSD	integer		No
enableI15GlobalGcpRedirect	boolean		No

SetGlobalConfigOutput

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

ResetGlobalConfigInput

Name	Type	Description	Required
ResetGlobalConfigInput	object		

ResetGlobalConfigOutput

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

QueryGlobalConfigInput

Name	Type	Description	Required
QueryGlobalConfigInput	object		

ConfigRecord

Name	Type	Description	Required
staticRouting	boolean		No
rpdsSoftwareVersionValidate	boolean		No
coreConfigPersist	boolean		No
cableDsg	boolean		No
coreConfigPersistInterval	integer		No
dynamicallyAddAdditionalCores	boolean		No
enableDecisionPendingIRA	boolean		No
decisionPendingIRAInterval	integer		No
enableSSDMaxRetries	boolean		No
maxSSDRetriesLimit	integer		No
retriesElapsedTimeForSSD	integer		No

Name	Type	Description	Required
enableI15GlobalGcpRedirect	boolean		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

Name	Type	Description	Required
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", "INITIALIZED", "DB_ERASE_SUCCESSFUL", "DB_ERASE_FAILURE", "DB_ERASE_INPROGRESS", "DB_EXPORT_SUCCESSFUL", "DB_EXPORT_INPROGRESS", "DB_EXPORT_FAILED", "DB_IMPORT_SUCCESSFUL", "DB_IMPORT_INPROGRESS", "DB_IMPORT_FAILED"	No
message	string		No
exportDirectory	string		No
filename	string		No

GetDbExportImportStatusOutput

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

DataImportInput

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

DataExportInput

Name	Type	Description	Required
dir	string		No
server	string		No
username	string		No
password	string		No
passphrase	string		No
sshProfileName	string		No
clientExport	boolean		No

CountOutput

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

QueryCredentialsInput

Name	Type	Description	Required
QueryCredentialsInput	object		

QueryCredentialsOutput

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

QueryCoreDetailsInput

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

CoreDetails

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

Name	Type	Description	Required
description	string		No
interfacesList	[object]		No
virtualSGs	[object]		No
ndfProfiles	object		No
ndrProfiles	object		No
ssdProfiles	[object]		No
state	string	Enum: "UNKNOWN", "ONLINE", "MAINTENANCE", "NORMALOPS_PROGRESS", "RECONCILIATION_CHECK_PROGRESS", "RECONCILIATION_PROGRESS", "RECONCILE_CHECKED", "RECONCILED", "PARTIALLY_RECONCILED", "RECONCILIATION_FAILED", "OFFLINE", "SSHKEYFETCH_IN_PROGRESS", "SSHKEYFETCH_FAILED"	No
productType	string		No
swVersion	string		No
vendorName	string		No
protectedLC	integer		No
videoSpwprofiles	[integer]		No

DpicInterface

Name	Type	Description	Required
name	string		No
dpicIpMaskList	[object]		No
virtualSGList	[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
videoController	boolean		No

QueryCoreResourceUsageInput

Name	Type	Description	Required
coreIdentifier	string		No

QueryCoreResourceUsageOutput

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

FetchSshKeyInput

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

FetchSshKeyOutput

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

DeleteDpicInventoryInput

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

DeleteDpicInventoryOutput

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

Name	Type	Description	Required
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

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

AddCoreInventoryOutput

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

CoreKeyInput

Name	Type	Description	Required
ipAddressList	[object]		No

CoreReconciliationOutput

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

RpdReconciliationInput

Name	Type	Description	Required
ipAddressList	[object]		No

Name	Type	Description	Required
rpdNameList	[string]		No

CoreReconciliationInput

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

ReconciliationReportParams

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

ConfigDiff

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

ReconciliationReport

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

Name	Type	Description	Required
actionperforming	string		No
cliincore	string		No
cliinsystem	string		No
result	string	<i>Enum: "Success", "Failed", "Skipped", "Excluded"</i>	No
resultmsg	string		No
reconciliationperformedby	string		No

ReconciliationReportKey

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

ReconciliationMeta

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

QueryNSOCLIInput

Name	Type	Description	Required
ccapCore	string		No
type	string		No
typeId	string		No

QueryNSOCLIInputList

Name	Type	Description	Required
queryNSOCLIInputList	[object]		No

QueryNSOCLIOutput

Name	Type	Description	Required
ccapCore	string		No
type	string		No
typeId	string		No
nsoCLI	string		No

QueryNSOCLIOutputList

Name	Type	Description	Required
queryNSOCLIOutputList	[object]		No

Status

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

LCHAData

Name	Type	Description	Required
protectingSlot	integer		No
standbySlot	integer		No
lchaInterfaces	[string]		No

LoggerRestInput

Name	Type	Description	Required
logPackage	string	Package for which logger level need to set like ROOT or com.cisco.inv <i>Example:</i> "ROOT"	Yes
logLevel	string	Log level to set <i>Example:</i> "DEBUG"	Yes

LoggerRestOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
logLevel	string	Log level to set <i>Example:</i> "DEBUG"	Yes

CoreConfigurationDetailsV2

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

DeviceInfoDetails

Name	Type	Description	Required
rpVendor	string		No
rpModel	string		No
rpSWVersion	string		No

GpsLocation

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

RpdConfigurationDetailsV2

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
name	string		No
macAddress	string		No
state	string	<i>Enum:</i> "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "Reconciled", "ReconciliationFailed", "PartiallyReconciled", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "Online", "PartialOnline", "DeletePending", "Offline", "OnlineWithException", "SSDInitiated", "SSDRPDError", "SSDCompleted", "ReceivedErrorNotification"	No
rpdtype	string		No
ipAddress	string		No
rpdsWUpgrade	string		No
rpduptime	long		No
description	string		No
gpsLocation	object		No
deviceInfo	object		No

Name	Type	Description	Required
coreConfiguration	[object]		No

ServiceDetailsV2

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

CoreConfigurationDetails

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

RpdConfigurationDetails

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

Name	Type	Description	Required
rpdState	string	<i>Enum:</i> "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "Reconciled", "ReconciliationFailed", "PartiallyReconciled", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "Online", "PartialOnline", "DeletePending", "Offline", "OnlineWithException", "SSDInitiated", "SSDRPDError", "SSDCompleted", "ReceivedErrorNotification"	No
rpdtype	string		No
coreConfiguration	object		No

RpdConfigurationDetailsListOutput

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

ServiceDetails

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

RpdCount

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

DatabaseStatus

Name	Type	Description	Required
status	boolean		No

Inventory Manager APIs

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/logger/level

GET

Summary Get logger level

Responses

Code	Description
200	OK

POST

Summary API to set logger level

Responses

Code	Description
200	OK

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

POST

Summary API to query CredentialProfile Version2

Responses

Code	Description
200	OK

/inventory/v2/credential/delete-credential-profile**POST**

Summary API to delete list of CredentialProfile

Responses

Code	Description
200	OK

/inventory/v1/instance/set-instance-id**POST**

Summary API to set installation instance identifier

Responses

Code	Description
200	OK

/inventory/v1/instance/get-instance-id**POST**

Summary API to get installation instance identifier

Responses

Code	Description
200	OK

/inventory/v1/device/update-device-inventory**POST**

Summary API to update device

Parameters

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

Responses

Code	Description
200	OK

/inventory/v1/device/update-device-inventory-list**POST**

Summary API to update device list

Parameters

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

Responses

Code	Description
200	OK

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

Summary API to put a device to maintenance or normal mode

Parameters

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

Responses

Code	Description
200	OK

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

POST

Summary API to query Device details

Responses

Code	Description
200	OK

/inventory/v1/device/query-device-list-on-version

POST

Summary API to query Device details based on Version

Responses

Code	Description
200	OK

/inventory/v1/device/fetch-ccap-association

POST

Summary API to fetch ccap association of device

Responses

Code	Description
200	OK

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

POST

Summary API to delete device

Responses

Code	Description
200	OK

/inventory/v1/device/add-device-inventory**POST**

Summary API to add a device

Parameters

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

Responses

Code	Description
200	OK

/inventory/v1/device/add-device-inventory-list**POST**

Summary API to add device list

Parameters

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

Responses

Code	Description
200	OK

/inventory/v1/credential/set-credential-profile**POST**

Summary API to set CredentialProfile details

Responses

Code	Description
200	OK

/inventory/v1/credential/query-credential-profile**POST**

Summary API to query CredentialProfile details

Responses

Code	Description
200	OK

/inventory/v1/credential/delete-credential-profile**POST**

Summary API to delete CredentialProfile details

Responses

Code	Description
200	OK

/api/config/smiuser/__operations/change-password**POST**

Summary API to reset password

Responses

Code	Description
200	OK

/inventory/v2/credential/get-inventory-counts**GET**

Summary API to get Inventory Counts(RPD's, CCAP Cores, Credential Profile by status)

Responses

Code	Description
200	OK

/inventory/v1/device/getLicenseDetails**GET**

Summary API to get LicenseDetails

Responses

Code	Description
200	OK

/inventory/v1/device/get-db-status**GET**

Summary API to verify clean database

Responses

Code	Description
200	OK

/inventory/v1/device/erase-inventory-database**GET**

Summary API to erase inventory database

Responses

Code	Description
200	OK

Models

LoggerRestInput

Name	Type	Description	Required
logPackage	string	Package for which logger level need to set like ROOT or com.cisco.inv <i>Example:</i> "ROOT"	Yes
logLevel	string	Log level to set <i>Example:</i> "DEBUG"	Yes

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

LoggerRestOutput

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

Name	Type	Description	Required
error	object		No
logLevel	string	Log level to set <i>Example:</i> "DEBUG"	Yes

QueryCredentialProfileInput

Name	Type	Description	Required
profileNameList	string []	List of Credential Profiles <i>Example:</i> ["CBRProfile"]	Yes

CredentialProfileOutputV2

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

QueryCredentialProfileOutputV2

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

Status

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

DeleteCredProfileListInput

Name	Type	Description	Required
deleteCredentialProfileInputList	[object]		No

DeleteCredentialProfileInput

Name	Type	Description	Required
profileName	string	Credential Profile to delete <i>Example:</i> "CBRProfile"	Yes

DeleteCredProfileListOutput

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

DeleteCredentialProfileOutput

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

SetInstanceIdInput

Name	Type	Description	Required
instanceId	string	AIO Instance Identifier <i>Example:</i> "Instance_1_2_12"	Yes

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

Name	Type	Description	Required
genericlocation	string		No

UpdateDeviceInventoryInput

Name	Type	Description	Required
deviceKeyType	string	DeviceKey Type <i>Example:</i> "IPADDRESS, MACADDRESS"	Yes
macAddress	string	MAC Address <i>Example:</i> "010203040506"	Yes
ipAddressList	[object]	IPAddress of device <i>Example:</i> ["172.22.10.99"]	Yes
credentialProfile	string	CredentialProfile <i>Example:</i> "CBR8-Profile"	Yes
gpsLocation	object		No
description	string	Short description <i>Example:</i> "Device in San Jose"	No
hostName	string	Hostname <i>Example:</i> "cbr.cisco.com"	No
uuid	string	UUID <i>Example:</i> "DEVICE-172.22.10.99"	No
productType	string	Product Type <i>Enum:</i> "CBR-8-CCAP-CHASS, NODE-UNKNOWN, NODE-VIRTUAL, NODE-1X1, NODE-1X2, NODE-2X2, NODE-2X4, NODE-1X2-PKEY, SHELF_300-3X6, SHELF_600-6X12, SHELF_7200_LC-6X12" <i>Example:</i> "CBR-8-CCAP-CHASS"	Yes
profileName	string	<i>Example:</i> "Cisco-V10.10"	No
exempt	boolean	<i>Example:</i> false	No

UpdateDeviceInventoryOutput

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

Name	Type	Description	Required
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]	List of devices <i>Example:</i> ["010203040506"]	Yes
allCore	boolean	Flag to indicate if applicable for all cores <i>Example: false</i>	Yes
reconcile	boolean	Flag to reconcile CBR-8 <i>Example: false</i>	Yes
maintenanceState	string	indicates CBR8 state <i>Enum:</i> "MAINTENANCE", "NORMAL" <i>Example:</i> "MAINTENANCE"	Yes

DeviceStatusOutput

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

Name	Type	Description	Required
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]	List of devices <i>Example:</i> ["010203040506"]	Yes
pageSize	integer	No. of records per page <i>Example:</i> 10	No
nextFrom	string	Next From <i>Example:</i> "one hash value"	No

DeviceDetails

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

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

Name	Type	Description	Required
upTime	string		No
lastUpdateTime	dateTime		No
latestDeviation	float		No
reportId	string		No
createdBy	string		No
createdDate	dateTime		No
lastUpdatedBy	string		No
licenseStatus	string		No

DeviceHistoryNotification

Name	Type	Description	Required
state	string	<i>Enum:</i> "UNKNOWN", "ONLINE", "MAINTENANCE", "NORMALOPS_PROGRESS", "RECONCILIATION_CHECK_PROGRESS", "RECONCILIATION_PROGRESS", "RECONCILE_CHECKED", "RECONCILED", "PARTIALLY_RECONCILED", "RECONCILIATION_FAILED", "OFFLINE", "SSHKEYFETCH_IN_PROGRESS", "SSHKEYFETCH_FAILED", "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "PartialOnline", "DeletePending", "OnlineWithException"	No
stateDetails	string		No
correctiveActioning	string		No
stateChangeTimestamp	int64		No

DeviceInfo

Name	Type	Description	Required
serialNumber	string		No
hwVersion	string		No
swVersion	string		No

Name	Type	Description	Required
bootRomVersion	string		No
modelName	string		No
vendorName	string		No

QueryDeviceListOutput

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

TagDetails

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

QueryDeviceListVersionBasedInput

Name	Type	Description	Required
cbrVersion	string	CBR8 Software Version <i>Example:</i> "17.9.1"	Yes

QueryDeviceListVersionBasedOutput

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

DeleteDeviceInventoryInput

Name	Type	Description	Required
deviceKeyList	[string]	List of devices <i>Example:</i> ["010203040506"]	Yes

DeviceAssociationResponse

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

DeviceAssociationsOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
infoMsg	string		No
deviceKey	string		No
count	integer		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	DeviceKey Type <i>Example:</i> "IPADDRESS, MACADDRESS"	Yes
macAddress	string	MAC Address <i>Example:</i> "010203040506"	Yes
ipAddressList	[object]	IPAddress of device <i>Example:</i> ["172.22.10.99"]	Yes
credentialProfile	string	CredentialProfile <i>Example:</i> "CBR8-Profile"	Yes
gpsLocation	object		No
description	string	Short description <i>Example:</i> "Device in San Jose"	No
hostName	string	Hostname <i>Example:</i> "cbr.cisco.com"	No
uuid	string	UUID <i>Example:</i> "DEVICE-172.22.10.99"	No
productType	string	Product Type <i>Enum:</i> "CBR-8-CCAP-CHASS, NODE-UNKNOWN, NODE-VIRTUAL, NODE-1X1, NODE-1X2, NODE-2X2, NODE-2X4, NODE-1X2-PKEY, SHELF_300-3X6, SHELF_600-6X12, SHELF_7200_LC-6X12" <i>Example:</i> "CBR-8-CCAP-CHASS"	Yes
profileName	string	<i>Example:</i> "Cisco-V10.10"	No
exempt	boolean	<i>Example:</i> false	No

AddDeviceInventoryOutput

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

AddDeviceInventoryListInput

Name	Type	Description	Required
addDeviceInventoryInputList	[object]		No

AddDeviceInventoryListOutput

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

SetCredentialProfileInput

Name	Type	Description	Required
profileId	string	CredentialProfile ID <i>Example:</i> "CBR8-PROFILE"	Yes
profileName	string	CredentialProfile Name <i>Example:</i> "CBR8-Profile"	Yes
username	string	CredentialProfile userid <i>Example:</i> "cbrUser"	Yes
password	string	CredentialProfile password <i>Example:</i> "cbrPassword"	Yes
connectionType	string	Connection Protocol(SSH or Telnet) <i>Enum:</i> "SSH", "Telnet" <i>Example:</i> "SSH"	Yes
port	integer	Port Configuration <i>Example:</i> 22	Yes
enablePassword	string	Flag to enable/disable password <i>Example:</i> "cbrEnablePassword"	No
snmpReadCommunity	string	Flag to set snmpReadCommunity <i>Example:</i> "public"	No
snmpWriteCommunity	string	Flag to set snmpWriteCommunity <i>Example:</i> "private"	No

SetCredentialProfileOutput

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

CredentialProfileOutput

Name	Type	Description	Required
profileId	string		No
profileName	string		No
username	string		No
password	string		No
enablePassword	string		No
connectionType	string	<i>Enum:</i> "SSH", "Telnet"	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:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
credentialProfileObject	object]		No

UserResetPasswordInput

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

InventoryCount

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

InvDatabaseStatus

Name	Type	Description	Required
status	boolean		No

RPD SSD Manager APIs

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/rpdssdorch/v1/ssd-comp/set-ssd-compatibility-policy

POST

Summary API to set SSD Compatibility policy

Description Set SSD Compatibility policy

Parameters

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

Responses

Code	Description
200	OK

/rpdssdorch/v1/ssd-comp/import-ssd-compatibility-policy

POST

Summary API to import SSD Compatibility policy

Description Import SSD Compatibility policy

Responses

Code	Description
200	OK

/rpdssdorch/v1/ssd-comp/get-ssd-compatibility-policies**POST**

Summary API to get SSD Compatibility Policies

Description Get SSD Compatibility policies

Responses

Code	Description
200	OK

/rpdssdorch/v1/ssd-comp/delete-ssd-compatibility-policies**POST**

Summary API to delete SSD Compatibility policy

Description Delete SSD Compatibility policy

Responses

Code	Description
200	OK

/rpdssdorch/v1/ssd-analytics/get-rpd-ssd-initiated-periodical-stats**POST**

Summary API to get RPD SSD Initiated Periodical Stats from ES

Description Get RDP SSD Initiated Periodical Stats from ES

Responses

Code	Description
200	OK

/rpdssdorch/v1/ssd-analytics/get-rpd-ssd-details**POST**

Summary API to get RPD SSD Details from Elastic Search

Description Get RDP SSD Details from ES

Responses

Code	Description
200	OK

/rpdssdorch/v1/ssd-analytics/get-rpd-ssd-details-for-macaddress**POST**

Summary API to get RPD SSD Details for MacAddress from ES

Description Get RDP SSD Details for MacAddress from ES

Responses

Code	Description
200	OK

/rpdssdorch/v1/rpd-ssd/update-ssd-retry-elastic-details-for-macaddress**POST**

Summary API to update SSD retry and elapsed time for Mac Address

Description SSD Elastic Details Update for MacAddress

Responses

Code	Description
200	OK

/rpdssdorch/v1/rpd-ssd/update-ssd-retry-cache-for-macaddress**POST**

Summary API to update SSD Retry Cache

Description SSD Retry Cache Update

Responses

Code	Description
200	OK

/rpdssdorch/v1/rpd-ssd/update-enforce-catchall-ssd-profiles**POST**

Summary API to update enforce catch-all in SSD Profile.

Description API to update enforce catch-all in SSD Profile.

Responses

Code	Description
200	OK

/rpdssdorch/v1/rpd-ssd/test-gcp-init**POST**

Summary API to capture GCP Init Message

Description GCP Init Message test

Responses

Code	Description
200	OK

/rpdssdorch/v1/rpd-ssd/set-rpd-ssd-profiles**POST**

Summary API to set RPD SSD Profile

Description Set RPD SSD Profile

Parameters

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

Responses

Code	Description
200	OK

/rpdssdorch/v1/rpd-ssd/import-rpd-ssd-profile**POST**

Summary API to set RPD SSD Profile

Description Set RPD SSD Profile

Responses

Code	Description
200	OK

/rpdssdorch/v1/rpd-ssd/get-ssd-profile-from-name**POST**

Summary API to verify if RPD SSD is available or not.

Description API to verify if RPD SSD is available or not.

Responses

Code	Description
200	OK

/rpdssdorch/v1/rpd-ssd/get-rpd-ssd-profiles

POST

Summary API to get RPD SSD Profiles

Description Get RDP SSD Profiles

Responses

Code	Description
200	OK

/rpdssdorch/v1/rpd-ssd/dump-ssd-retry-cache

POST

Summary API to dump SSD Retry Cache

Description All SSD Retry Cache

Responses

Code	Description
200	OK

/rpdssdorch/v1/rpd-ssd/delete-rpd-ssd-profile

POST

Summary API to delete RPD SSD Profile

Description Delete RPD SSD Profile

Responses

Code	Description
200	OK

/rpdssdorch/v1/rpd-ssd/clear-ssd-retry-cache**POST**

Summary API to clear all SSD Retry Cache

Description All SSD Retry Cache Clear

Responses

Code	Description
200	OK

/rpdssdorch/v1/rpd-ssd/clear-ssd-retry-cache-for-macaddress**POST**

Summary API to clear SSD Retry Cache for Mac Address

Description SSD Retry Cache Clear for MacAddress

Responses

Code	Description
200	OK

/rpdssdorch/v1/rpd-ssd-mapping/set-rpd-ssd-mapping**POST**

Summary API to set RPD SSD Mapping

Description Set RPD SSD Mapping

Responses

Code	Description
200	OK

/rpdssdorch/v1/rpd-ssd-mapping/import-rpd-ssd-mapping

POST

Summary API to import RPD SSD Mapping

Description Set RPD SSD Mapping

Responses

Code	Description
200	OK

/rpdssdorch/v1/rpd-ssd-mapping/get-rpd-ssd-mapping

POST

Summary API to get RPD SSD Mapping details

Description Get RPD SSD Mapping details

Responses

Code	Description
200	OK

/rpdssdorch/v1/rpd-ssd-mapping/get-all-rpd-ssd-mapping

POST

Summary API to get all RPD SSD Mapping details

Description Get all RPD SSD Mapping details

Responses

Code	Description
200	OK

/rpdssdorch/v1/rpd-ssd-mapping/delete-rpd-ssd-mapping**POST**

Summary API to delete RPD SSD Mapping details

Description Delete RPD SSD Mapping details

Responses

Code	Description
200	OK

/logger/level**GET**

Summary Get logger level

Description Get logger level

Responses

Code	Description
200	OK

POST

Summary API to set logger level in RDP SSD POD

Description API to set logger level in RPD SSD POD

Responses

Code	Description
200	OK

/ssd/testport**GET****Responses**

Code	Description
200	OK

/rpdssdorch/v1/ssd-analytics/get-rpd-ssd-details-count

GET

Summary API to get RPD SSD Details Counts

Description Get RPD SSD Details Count

Parameters

Name	Located in	Description	Required	Schema
query	query		Yes	string

Responses

Code	Description
200	OK

/rpdssdorch/v1/rpd-ssd/get-ssd-db-count

GET

Summary API to verify if RPD SSD keyspace is clean

Description Verify if keyspace is clean to import

Responses

Code	Description
200	OK

/rpdssdorch/v1/rpd-ssd/erase-ssd-database

GET

Summary API to erase SSD database

Description API to erase SSD database

Responses

Code	Description
200	OK

Models**SsdCompatibilityPolicyInput**

Name	Type	Description	Required
uuid	string		No
polycname	string		No
enforce	boolean		No
softwareversion	string		No
profiles	[string]		No

SsdCompatibilityPolicyInputList

Name	Type	Description	Required
ssdCompatibilityPolicyInputs	[object]		No

Error

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

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

SsdCompatibilityPolicyOutput

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

SsdCompatibilityPolicyOutputList

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

GetSsdCompatibilityPolicy

Name	Type	Description	Required
uuid	string		No
policyname	string		No
enforce	boolean		No
softwareversion	string		No
profiles	[string]		No
createdby	string		No
lastmodifiedby	string		No
createdat	dateTime		No
lastmodified	dateTime		No
applyToDevices	[string]		No

QuerySsdCompatibilityPolicyInput

Name	Type	Description	Required
QuerySsdCompatibilityPolicyInput	object		

GetSsdCompatibilityPolicyOutput

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

DeleteSsdPolicyInput

Name	Type	Description	Required
policyNames	[string]		No

DeleteSsdPolicyOutput

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

Name	Type	Description	Required
policyName	string		No

DeleteSsdPolicyOutputList

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

RpdSsdAnalyticsInput

Name	Type	Description	Required
time	string		No

RpdSsdInitiatedAggregates

Name	Type	Description	Required
last24hrsInitiated	long		No
last7daysInitiated	long		No

ShowRpdSsdAnalyticsInitiatedOutput

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

RangeCriteria

Name	Type	Description	Required
column	string		No
endDate	string		No

Name	Type	Description	Required
startDate	string		No

RpdSsdAnalyticsMultiInput

Name	Type	Description	Required
time	string		No
query_offset	integer		No
page_limit	integer		No
filter	[object]		No
global_search	object		No
range	object		No
search	[object]		No
sort	[object]		No

RpdSsdDetails

Name	Type	Description	Required
id	string		No
createdate	dateTime		No
lastupdate	dateTime		No
rpddname	string		No
rpddmacaddress	string		No
rpddvendor	string		No
rpddmodel	string		No
ssdstatus	string		No
ssdresult	string		No
ssdfailurecode	string		No
initialswversion	string		No
currentswversion	string		No
currentswimage	string		No
ssdtrigger	string		No
retryattempt	integer		No
lastretrydate	dateTime		No

ShowRpdSsdDetailsOutput

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

RpdSsdAnalyticsFieldInput

Name	Type	Description	Required
macAddress	string		No

Status

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

SsdRetryCacheInput

Name	Type	Description	Required
rpMac	string		No
retries	integer		No

RpdSsdProfileNameInput

Name	Type	Description	Required
profileNames	[string]		No

RpdSsdProfileNameOutput

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

RpdSsdProfileNameOutputList

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

DeviceInfo

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

RpdSSDGcpTestInput

Name	Type	Description	Required
rpMac	string		No
deviceInfo	object		No

RpdSsdProfileInput

Name	Type	Description	Required
uuid	string		No
profilename	string		No
catchall	boolean		No
enforceCatchAll	boolean		No
vendorname	string		No
modelName	string		No
transport	string		No
fileserv	string		No
filepath	string		No
filename	string		No
mcvcfilename	string		No
ccvcfilename	string		No

RpdSsdProfileOutput

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

GetRpdSsdProfile

Name	Type	Description	Required
uuid	string		No
profilename	string		No
inuse	boolean		No
catchall	boolean		No
enforceCatchAll	boolean		No
vendorname	string		No
modelName	string		No
transport	string		No
fileserv	string		No
filepath	string		No
filename	string		No
mcvc	string		No
ccvc	string		No
createdby	string		No
lastmodifiedby	string		No
createdat	dateTime		No
lastmodified	dateTime		No

Name	Type	Description	Required
filelocation	string		No
referenceby	[string]		No

QueryRpdSsdProfileInput

Name	Type	Description	Required
QueryRpdSsdProfileInput	object		

GetRpdSsdProfileOutput

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

DeleteRpdSsdProfileInput

Name	Type	Description	Required
profileNames	[string]		No

DeleteRpdSsdProfileOutput

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

DeleteRpdSsdProfileOutputList

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

RpdSsdMappingInput

Name	Type	Description	Required
rpdMac	string		No
profileName	string		No
exempt	boolean		No
ssdStatus	string		No

RpdSsdMappingInputList

Name	Type	Description	Required
rpdSsdMappingList	[object]		No

RpdSsdMappingOutput

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

RpdSsdMappingOutputList

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

QueryRpdSsdMappingInput

Name	Type	Description	Required
rpMacList	[string]		No

GetRpdSsdMapping

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

GetRpdSsdMappingOutput

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

DeleteRpdSsdMappingInput

Name	Type	Description	Required
rpMac	[string]		No

DeleteRpdSsdMappingOutput

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

Name	Type	Description	Required
rpMac	string		No

DeleteRpdSsdMappingOutputList

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

LoggerRestInput

Name	Type	Description	Required
logPackage	string	Package for which logger level need to set like ROOT or com.cisco.rpd.ssd.manager <i>Example:</i> "ROOT"	Yes
logLevel	string	Log level to set <i>Example:</i> "DEBUG"	Yes

LoggerRestOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
logLevel	string	Log level to set <i>Example:</i> "DEBUG"	Yes

SsdKeyspaceStatus

Name	Type	Description	Required
status	boolean		No

Config Reconciler APIs

Version: 22.1.0

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

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

POST

Summary API to trigger reconciliation

Description Trigger reconciliation

Parameters

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

Responses

Code	Description
200	OK

/reconciliation/v1/config-reconciliation/reconcile-rpd-from

POST

Summary API to trigger reconciliation for RPD and update SmartPHY

Description Trigger reconciliation for RPD and update SmartPHY

Parameters

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

Responses

Code	Description
200	OK

/reconciliation/v1/config-reconciliation/reconcile-from
POST

Summary API to trigger reconciliation and update SmartPHY

Description Trigger reconciliation and update SmartPHY

Parameters

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

Responses

Code	Description
200	OK

/reconciliation/v1/config-reconciliation/perform-reconciliation
POST

Summary API to trigger reconciliation

Description Trigger reconciliation

Parameters

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

Responses

Code	Description
200	OK

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

Summary API to retrieve reconciliation report

Description Retrieve reconciliation report

Responses

Code	Description
200	OK

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

Summary API to retrieve reconciliation report list

Description Retrieve reconciliation report

Responses

Code	Description
200	OK

/reconciliation/v1/config-reconciliation/get-corewise-report**POST**

Summary API to retrieve corewise reconciliation data

Description Retrieve reconciliation report

Responses

Code	Description
200	OK

/logger/level

GET

Summary API to get logger level

Responses

Code	Description
200	OK

POST

Summary API to set logger level

Responses

Code	Description
200	OK

Models

CoreKeyInput

Name	Type	Description	Required
ipAddressList	[object]		No

CoreReconciliationOutput

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

RpdReconciliationInput

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

CoreReconciliationInput

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

ReconciliationReportParams

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

ConfigDiff

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

ReconciliationReport

Name	Type	Description	Required
key	object		No
reconciliationId	long		No
state	string	<i>Enum:</i> "ConfigFailed", "Missing", "Identical", "Different", "ConfigDifferent"	No
presentincore	boolean		No
presentinsystem	boolean		No
configdiff	[object]		No
actionperformed	string		No
cliincore	string		No
cliinsystem	string		No
result	string	<i>Enum:</i> "Success", "Failed", "Skipped", "Excluded"	No
resultmsg	string		No

Name	Type	Description	Required
reconciliationstring	string	defined by	No

ReconciliationReportKey

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

ReconciliationMeta

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

CoreKey

Name	Type	Description	Required
coreAddress	string		No

CorewiseReconciliationData

Name	Type	Description	Required
coreidentifier	string		No
fibernodeswithoutrpd	[string]		No
rpdswithoutfibernode	[string]		No

LoggerRestInput

Name	Type	Description	Required
logPackage	string	Package for which logger level need to set like ROOT or com.cisco.inv <i>Example:</i> "ROOT"	Yes
logLevel	string	Log level to set <i>Example:</i> "DEBUG"	Yes

LoggerRestOutput

Name	Type	Description	Required
status	string	<i>Enum:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
logLevel	string	Log level to set <i>Example:</i> "DEBUG"	Yes

Operations Hub Authentication API

Version: 1.0

Contact information:

Operations Hub API Support

Security

BasicAuth

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

/loglevel

GET

Summary Get HM Auth Current LogLevel

Description Get HM Auth Current LogLevel

Responses

Code	Description	Schema
200	OK	auth.LogLevel

Security

Security Schema	Scopes
AuthBearerHeader	

PUT

Summary Set HM Auth LogLevel

Description Set HM Auth LogLevel

Parameters

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

Responses

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

Security

Security Schema	Scopes
AuthBearerHeader	

/reset-internal-user**PATCH**

Summary Reset internal admin user for opshub-data namespace

Description Reset internal admin user for opshub-data namespace

Parameters

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

Responses

Code	Description	Schema
200	OK	string
400	Bad Request	string

/v1/login/banner**GET**

Summary Get login banner message

Description Get login banner message default is in english

Responses

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

PATCH

Summary Create, update login banner message

Description Create, update login banner message

Parameters

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

Responses

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

/v1/token**POST**

Summary Generate an API token if user is valid

Description Generate an API token

Responses

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

Security

Security	Schema	Scopes
BasicAuth		

DELETE

Summary Delete access token from DB

Description Delete access token from DB

Responses

Code	Description	Schema
200	OK	string
400	Bad Request	string

Security

Security	Schema	Scopes
AuthBearerHeader		

/v1/token/fresh**POST**

Summary Refresh access and fresh token

Description Refresh access and fresh token

Parameters

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

Responses

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

Security

Security Schema	Scopes
AuthBearerHeader	

/v1/token/validation

POST

Summary Validate access token

Description Check if the access token is valid

Responses

Code	Description	Schema
200	OK	string
400	Bad Request	string

Security

Security Schema	Scopes
AuthBearerHeader	

Models

auth.Content

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

auth.ErrorResponse

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

auth.LogLevel

Name	Type	Description	Required
Log Level	string		No

auth.LoginBanner

Name	Type	Description	Required
content	[auth.Content]		No

structs.ResetPasswordRequestObj

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

structs.TokenGenInfo

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

structs.TokenRefreshReqInfo

Name	Type	Description	Required
access_token	string		No
refresh_token	string		No

Operations Hub RBAC API

This is Operations Hub server.

Version: 1.0

/v1/iam/user/action

POST

Summary This api will fetch the logs from elastic db

Description This api will fetch the logs from elastic db

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

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

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

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

LogType -

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

Parameters

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

Responses

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

/v1/identitymgmt/exportldap**GET**

Summary This api will export ldap configuration

Description This api will export ldap configuration

Responses

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

/v1/identitymgmt/exportum**GET**

Summary This api will export all the local users

Description This api will export all the local users

Responses

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

/v1/identitymgmt/group**GET**

Summary List all groups

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

Responses

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

/v1/identitymgmt/importldap

POST

Summary This api will import ldap configuration

Description This api will import ldap configuration

Parameters

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

Responses

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

/v1/identitymgmt/importum

POST

Summary This api will import UM data

Description This api will import UM data

Parameters

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

Responses

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

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

Summary This api will get the ldap configuration in SMI

Description This api will get the ldap configuration in SMI

Responses

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

PUT

Summary This api will update the ldap config in SMI

Description This api will update the ldap config in SMI

Parameters

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

Responses

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

POST

Summary This api will add ldap configuration in SMI

Description This api will add ldap configuration in SMI

Parameters

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

Responses

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

DELETE

Summary This api will delete the ldap config in SMI

Description This api will delete the ldap config in SMI

Parameters

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

Responses

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

Code	Description	Schema
500	Processing Errors	model.GenericResponse

PATCH

Summary This api will update the ldap config in SMI

Description This api will update the ldap config in SMI

Parameters

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

Responses

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

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

POST

Summary This api will validate existing ldap configuration

Description This api will validate existing ldap configuration

Parameters

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

Responses

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

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

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

POST

Summary This api will validate new ldap configuration

Description This api will validate new ldap configuration

Parameters

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

Responses

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

/v1/identitymgmt/loglevel

GET

Summary API to get the loglevel

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

Responses

Code	Description	Schema
200	200 OK	model.LogLevelRequest
500	Processing Errors	model.GenericResponse

PUT

Summary API to change the loglevel

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

Parameters

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

Responses

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

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

Summary Change password expiry

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

Parameters

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

Responses

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

/v1/identitymgmt/password-length

PATCH

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

Description New password length to update

Parameters

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

Responses

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

/v1/identitymgmt/reset-password

PATCH

Summary Reset user login password.

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

Parameters

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

Responses

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

/v1/identitymgmt/self-password

PATCH

Summary User can change self login password.

Description This api can be used to change self password

Parameters

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

Responses

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

/v1/identitymgmt/user

GET

Summary List all the users.

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

Responses

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

POST

Summary This api will add a new user

Description This api will add a new user

Parameters

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

Responses

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

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

Summary Map user to a group

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

Parameters

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

Responses

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

PATCH

Summary Remove a user from group

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

Parameters

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

Responses

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

/v1/identitymgmt/user/{username}

GET

Summary Details of a user

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

Parameters

Name	Located in	Description	Required	Schema
username	path	username	Yes	string

Responses

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

DELETE

Summary Delete user by username

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

Parameters

Name	Located in	Description	Required	Schema
username	path	username	Yes	string

Responses

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

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

GET

Summary Details of a user from required namespace

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

Parameters

Name	Located in	Description	Required	Schema
username	path	username	Yes	string

Responses

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

Models

model.ChangePasswordLengthRequest

Name	Type	Description	Required
length	integer		No

model.ChangeSelfPasswordRequest

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

model.CreateUserRequest

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

model.CurrentSecurityConfig

Name	Type	Description	Required
password	string		No
username	string		No

model.ElasticSearchRequest

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

model.ElasticSearchResponse

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

model.GenericMapResponse

Name	Type	Description	Required
message	object		No

model.GenericResponse

Name	Type	Description	Required
message	string		No

model.GroupListResponse

Name	Type	Description	Required
groupList	[string]		No

model.LdapConfigObject

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

model.LdapDeleteConfigRequest

Name	Type	Description	Required
url	string		No

model.LdapGroupMappingObject

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

model.LogLevelRequest

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

model.NewSecurityConfig

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

model.PasswordAgeRequest

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

model.ResetPasswordRequest

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

model.UMExportResponse

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

model.UserDetailListResponse

Name	Type	Description	Required
userDetailList	[model.UserDetailResponse]		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/loglevel

GET

Summary Get Tag management Log Level

Description Get Tag management Log Level

Responses

Code	Description	Schema
200	OK	tag.LogLevel

PUT

Summary Set Tag management Log Level

Description Set Tag management Log Level

Parameters

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

Responses

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

/v1/tags**GET**

Summary List of tags.

Description API to retrieve list of all the tags.

For large scale data of tags use rest client.

Responses

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

/v1/tags/create-assign-tags**POST**

Summary Create tags or associate tag to entity instances.

Description API operations:

1. To create one or multiple tags if entity instance details are empty.
2. To create one or multiple tags and assign tag to one or multiple entity instances.
3. To Assign the existing tag to one or multiple entity instances.

Parameters

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

Responses

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

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

Summary Delete tag object if not associated to an entity.

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

Parameters

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

Responses

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

/v1/tags/entity-instance**POST**

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

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

Parameters

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

Responses

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

/v1/tags/export**GET**

Summary exports tag data

Description API to export tag data

Responses

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

/v1/tags/import**POST**

Summary imports tag data

Description API to import tag data

Parameters

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

Responses

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

/v1/tags/remove-tag-association**POST**

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

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

Parameters

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

Responses

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

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

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

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

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

Parameters

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

Responses

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

/v1/tags/{entity}

GET

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

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

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

with requested max-records, the server returns an updated cursor called next-cursor the user needs to use this next-cursor as a cursor argument to fetch the next set of records.

Parameters

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

Responses

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

Models

tag.ApiResponse

Name	Type	Description	Required
code	integer	add response status code e.g. <code>http.StatusOK</code> // 200	No
response		add response body e.g { “action:”delete”, “description”: “delete operation success”}	No
status	string	add response status code text e.g. Success, Partial Success using <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> // 400	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	[tag.TagBasicDetails]		No

tag.EntityTagDetails

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

tag.EntityTagUuid

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

tag.EntityUuid

Name	Type	Description	Required
entity	string		No

Name	Type	Description	Required
entity-uuid	[string]		No

tag.EntityUuidTag

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

tag.ExportTagData

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

tag.GetTagsForEntityResponse

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

tag.LogLevel

Name	Type	Description	Required
Log Level	string		No

tag.TagBasicDetails

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

tag.TagResponse

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

tag.TagsWithUid

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

tag.UuidTag

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

Operations Hub Infra Alert Management API

This is Operations Hub KPI Alertmanagement service.

Version: 1.0

Contact information:
Operations Hub API Support

Security

AuthHeader

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

/v1/alerts

GET

Summary Get the Alertmanager Alert List

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

Parameters

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

Responses

Code	Description	Schema
200	OK	model.AlertGetEntry

/v1/alerts/count-summary

GET

Summary Get count of alert grouped on alert status and serverity

Description Get count of alert grouped on alert status and serverity

Responses

Code	Description	Schema
200	OK	model.AlertCountsResponseObj

/v1/alerts/groups

GET

Summary Get the Alertmanager Alert Group List

Description Get the list of alert groups from the Alertmanager

Responses

Code	Description	Schema
200	OK	model.AlertGroupGetInfo

/v1/alerts/groups/{name}**GET**

Summary Get the Alertmanager Alert Group

Description Get one alert group by group name from the Alertmanager

Parameters

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

Responses

Code	Description	Schema
200	OK	model.AlertGroupGetInfo

PUT

Summary Set the Alertmanager Alert Group

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

Parameters

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

Responses

Code	Description	Schema
200	OK	model.AlertGroupGetInfo

Code	Description	Schema
400	Bad Request	string

/v1/alerts/multiple-ack

PUT

Summary Ack multiple Alertmanager Alerts

Description Ack multiple alerts by alert ID to the Alertmanager.

Parameters

Name	Located in	Description	Required	Schema
Alert	body	Multiple Alerts Ack Information	Yes	model.MultipleAlertSetInfo

Responses

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

/v1/alerts/multiple-unack

PUT

Summary UnAck multiple Alertmanager Alerts

Description UnAck multiple alerts by alert ID to the Alertmanager.

Parameters

Name	Located in	Description	Required	Schema
Alert	body	Multiple Alerts Ack Information	Yes	model.MultipleAlertSetInfo

Responses

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

/v1/alerts/records

POST

Summary Get the alerts matching the query in sorted order. The API supports pagination.

Description Alerts, “attributes” are required, and multiple comma-separated alert record column names can be specified in the parameter field to get the requested attributes in response. Alerts The request parameter “order-by” is required to enable multiple column sorting. Column sorting priority depends on the array index. Alerts The request parameter “criteria” is required to get the alerts matching the criteria. Criteria is a 2D array. The criteria in one index will be logical AND, and the criteria across the entire array index will be logical OR with each other. For example, if index 0 had [criteria-1 and criteria-2] and index 1 had [criteria-3], then the resulting condition to fetch alerts is (criteria-1 AND criteria-2) OR (criteria-3). The request parameter “criteria” also facilitates the full text search. The search requires “attribute-names” and “search-str” fields. The search criteria will be “logical AND” in the inner criteria array. Alerts Request parameters “limit” and “offset” allow you to retrieve just a portion of the rows that are generated by the rest of the query. –default values of limit = 100 and offset = 0.

Parameters

Name	Located in	Description	Required	Schema
alerts-request	body	alert request information.	Yes	model.AlertsRequest

Responses

Code	Description	Schema
200	OK	model.AlertsResponse

/v1/alerts/{id}

GET

Summary Get the Alertmanager Alert

Description Get one alert by alert ID from the Alertmanager.

Parameters

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

Responses

Code	Description	Schema
200	OK	model.AlertGetInfo

/v1/alerts/{id}/ack

PUT

Summary Ack the Alertmanager Alert

Description Ack one alert by alert ID to the Alertmanager.

Parameters

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

Responses

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

/v1/alerts/{id}/comment

PUT

Summary Update comment for the Alertmanager Alert

Description Update comment for one alert by alert ID to the Alertmanager.

Parameters

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

Responses

Code	Description
200	OK
400	Bad Request

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

Summary UnAck the Alertmanager Alert

Description UnAck one alert by alert ID to the Alertmanager.

Parameters

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

Responses

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

/v1/cluster/health**GET**

Summary Get the health of cluster

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

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

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

Possible values of “severity” are -

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

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

Parameters

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

Responses

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

/v1/cluster/pod/{pod-id}

GET

Summary Get the pod resource information of the cluster

Description This API provides pod status and node info for the given pod-id. Here pod-id could be either a deployment name, daemonset name or a statefulset. The response shall include the pod status and node info for the pods created either via a deployment template, daemonset template or a statefulset template

Parameters

Name	Located in	Description	Required	Schema
pod-id	path	pod id	Yes	string

Responses

Code	Description	Schema
200	OK	[model.PodInfo]
400	Bad Request	string
404	Not Found	string
500	Internal Server Error	string

/v1/cluster/resourceinfo**GET**

Summary Get the resource information of the cluster

Description This API provides status of some of the resource types of the cluster - such as pods, deployments, statefulsets, configmaps, nodes

Parameters

Name	Located in	Description	Required	Schema
namespace	query	Namespace	No	string
pods	query	Pods	No	boolean
deployments	query	Deployments	No	boolean
statefulsets	query	Statefulsets	No	boolean
daemonsets	query	Daemonsets	No	boolean
configmaps	query	ConfigMaps	No	boolean
nodes	query	Nodes	No	boolean

Responses

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

/v1/loglevel**GET**

Summary Get OpsHub KPI Alertmanagement Log Level

Description Get Get OpsHub KPI Alertmanagement Log Level

Responses

Code	Description	Schema
200	OK	model.LogLevel

PUT

Summary Set OpsHub KPI Alertmanagement Log Level

Description Set OpsHub KPI Alertmanagement Log Level

Parameters

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

Responses

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

/v1/smtp**GET**

Summary Get the Alertmanager SMTP Configuration

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

Responses

Code	Description	Schema
200	OK	model.AlertConfigGetInfo

PUT

Summary Set the Alertmanager SMTP Configuration

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

Parameters

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

Responses

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

/v2/smtp

GET

Summary Get the Alertmanager SMTP Configuration

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

Responses

Code	Description	Schema
200	OK	model.AlertConfigGetInfoV2Arr
500	Internal Server Error	string

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
SMTPSetConfig		Alertmanager SMTP Configuration	Yes	model.AlertConfigSetInfoV2Arr

Responses

Code	Description	Schema
200	OK	model.AlertConfigSetInfoV2Arr
400	Bad Request	string
500	Internal Server Error	string

/v2/smtp/alert-group-config/{smtp-host}

GET

Summary Get the AlertGroup Email Configuration

Description Get the email configuration for alert groups

Parameters

Name	Located in	Description	Required	Schema
smtp-host	path	SMTP Host	Yes	string

Responses

Code	Description	Schema
200	OK	[model.AlertGroupsEmailConfig]
404	Not Found	string
500	Internal Server Error	string

PUT

Summary Set the AlertGroup Email Configuration

Description Set the email configuration for alert groups

Parameters

Name	Located in	Description	Required	Schema
smtp-host	path	SMTP Host	Yes	string
alert-groups-email-config	body	Alert Group Email Configuration	Yes	[model.AlertGroupsEmailConfig]

Responses

Code	Description	Schema
200	Successful operation	string
400	Bad Request	string
404	Not Found	string
500	Internal Server Error	string

/v2/smtp/enable-alert-notifications

POST

Summary Enable or Disable SMTP configuration

Description Enable or Disable the SMTP configuration

Parameters

Name	Located in	Description	Required	Schema
enable_notifications	body	Enable or Disable email notifications	Yes	model.EnableDisableEmailNotifications

Responses

Code	Description	Schema
200	Successful operation	string
404	Not Found	string
500	Internal Server Error	string

/v2/smtp/{smtp-host}

DELETE

Summary Delete SMTP configuration

Description Delete the SMTP configuration

Parameters

Name	Located in	Description	Required	Schema
smtp-host	path	SMTP host	Yes	string

Responses

Code	Description	Schema
200	Successful operation	string
404	Not Found	string
500	Internal Server Error	string

Models

model.AlertCommentInfo

Name	Type	Description	Required
comment	string		No

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.AlertConfigGetInfoV2

Name	Type	Description	Required
alertGroupsEmailConfigArr	model.AlertGroupsEmailConfig]		No
auth-identity	string		No
auth-password	string		No
auth-secret	string		No
auth-username	string		No
create-time	string		No
enable_email_notifications	boolean		No
from	string		No
hello	string		No
host	string		No
require-tls	boolean		No
update-time	string		No

model.AlertConfigGetInfoV2Arr

Name	Type	Description	Required
alert_email_config	model.AlertConfigGetInfoV2]		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

Name	Type	Description	Required
require-tls	boolean		No

model.AlertConfigSetInfoV2

Name	Type	Description	Required
alertGroupsEmailConfigArr	model.AlertGroupsEmailConfig		No
auth-identity	string		No
auth-password	string		No
auth-secret	string		No
auth-username	string		No
enable_email_notifications	boolean		No
from	string		No
hello	string		No
host	string		No
require-tls	boolean		No

model.AlertConfigSetInfoV2Arr

Name	Type	Description	Required
alert_email_config	model.AlertConfigSetInfoV2		No

model.AlertCountSummary

Name	Type	Description	Required
firing	integer		No
pending	integer		No
resolved	integer		No

model.AlertCountsResponseObj

Name	Type	Description	Required
alertSummary	model.AlertCountSummary		No
firing	model.FiringAlertCountSummary		No
pending	model.PendingAlertCountSummary		No
resolved	model.ResolvedAlertCountSummary		No

model.AlertGetEntry

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

model.AlertGetInfo

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

model.AlertGroupGetInfo

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

Name	Type	Description	Required
name	string		No
sendto	[string]		No
update-time	string		No

model.AlertGroupSetInfo

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

model.AlertGroupsEmailConfig

Name	Type	Description	Required
alert_group	string		No
alert_group_email_enabled	boolean		No
to	[string]		No

model.AlertRecords

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

model.AlertSetInfo

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

model.AlertsRequest

Name	Type	Description	Required
attributes	[string]	column names	No
criteria	[[[integer]]]		No
limit	integer		No
offset	integer		No
order-by	[model.OrderBy]	multiple columns orderby	No

model.AlertsResponse

Name	Type	Description	Required
alerts	[model.AlertRecords]		No
next-page-request	model.AlertsRequest		No
total	integer		No

model.ConfigmapsStatus

Name	Type	Description	Required
configmap-name	string		No
namespace	string		No

model.DaemonsetsStatus

Name	Type	Description	Required
age	string		No
available	integer		No
current	integer		No
daemonset-name	string		No
desired	integer		No
namespace	string		No
ready	integer		No
up-to-date	integer		No

model.DeploymentsStatus

Name	Type	Description	Required
age	string		No
available	integer		No
deployment-name	string		No
namespace	string		No
ready	string		No
up-to-date	integer		No

model.EnableDisableEmailNotifications

Name	Type	Description	Required
enable_email_notifications	boolean		No
smtp_host	string		No

model.FiringAlertCountSummary

Name	Type	Description	Required
critical	integer		No
major	integer		No
minor	integer		No
warning	integer		No

model.HealthStatus

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

model.LogLevel

Name	Type	Description	Required
Log Level	string		No

model.MultipleAlertGetInfo

Name	Type	Description	Required
failed-alert-info	[model.AlertGetInfo]		No
passed-alert-info	[model.AlertGetInfo]		No

model.MultipleAlertSetInfo

Name	Type	Description	Required
acked-time	string		No
alertids	[string]		No
comment	string		No
creator	string		No
expire-time	string		No

model.NodesStatus

Name	Type	Description	Required
container-runtime	string		No
ip	string		No

Name	Type	Description	Required
kernel-version	string		No
labels	string		No
name	string		No
os-image	string		No
status	string		No
version	string		No

model.NotReadyPods

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

model.OrderBy

Name	Type	Description	Required
attribute-name	string		No
order	string		No

model.PendingAlertCountSummary

Name	Type	Description	Required
critical	integer		No
major	integer		No
minor	integer		No

model.PodInfo

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

Name	Type	Description	Required
restarts	integer		No
start-time	string		No
status	string		No

model.PodsStatus

Name	Type	Description	Required
ip	string		No
namespace	string		No
node	string		No
pod-name	string		No
ready	string		No
restarts	integer		No
start-time	string		No
status	string		No

model.ResolvedAlertCountSummary

Name	Type	Description	Required
critical	integer		No
major	integer		No
minor	integer		No

model.ResourceStatusResponse

Name	Type	Description	Required
configmaps	[model.ConfigmapsStatus]		No
daemonsets	[model.DaemonsetsStatus]		No
deployments	[model.DeploymentsStatus]		No
nodes	[model.NodesStatus]		No

Name	Type	Description	Required
pods	[model.PodsStatus]		No
statefulsets	[model.StatefulsetsStatus]		No

model.ResourceStatusResponseObject

Name	Type	Description	Required
namespace	string		No
resourceStatusResponse	model.ResourceStatusResponse		No

model.StatefulsetsStatus

Name	Type	Description	Required
age	string		No
namespace	string		No
ready	string		No
statefulset-name	string		No

Operations Hub Utilities

operations hub config export/import server.

Version: 1.0

/v1/config/export

GET

Summary API to export operations hub configuration

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

Parameters

Name	Located in	Description	Required	Schema
status_id	query	123456789	No	string

Responses

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

/v1/config/import

POST

Summary API to import operations hub configuration

Description operations hub configuration in archived file can be imported through this API

Parameters

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

Responses

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

/v1/config/operation/status

GET

Summary API to fetch status of operations hub config export/import operation

Description API used to know the status of ongoing operations hub config export/import operation

Parameters

Name	Located in	Description	Required	Schema
status_id	query	123456789	No	string

Responses

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

/v1/elastic/documents/keywordfilter

POST

Summary Get the filtered documents for an index using keywords.

Description This API uses keywords to provide filtered documents for an Elasticsearch index.

index -> elasticsearch index or pattern for the index, example: debug-log would filter debug-log* indices. column_filter -> column_filter takes a column name and the keywords used to filter.

Parameters

Name	Located in	Description	Required	Schema
es-documents-keywordfilter-request	body	elastic time and keyword filter query	Yes	model.ElasticDocumentsKeywordFilter

Responses

Code	Description	Schema
200	OK	model.ApiResponse
400	Bad Request	model.StringResponse
500	Processing Errors	model.StringResponse

/v1/elastic/filter

POST

Summary Get the filtered output count using time range and keywords.

Description This API uses time range and keywords to provide a filtered output count for an Elasticsearch index.

index -> elasticsearch index or pattern for the index, example: debug-log would filter debug-log* indices. column_filter -> column_filter takes a column name and the keywords used to filter. time_range -> time_range takes a column name, start date and end date.

Parameters

Name	Located in	Description	Required	Schema
es-filter-count-request	body	elastic time and keyword filter query	Yes	model.ElasticTimeAndKeywordF

Responses

Code	Description	Schema
200	OK	model.CountResponse
400	Bad Request	model.StringResponse
500	Processing Errors	model.StringResponse

/v1/loglevel**GET**

Summary Get OpsHub Utilities Log Level

Description Get Get OpsHub Utilities Log Level

Responses

Code	Description	Schema
200	OK	model.LogLevel

PUT

Summary Set OpsHub Utilities Log Level

Description Set OpsHub Utilities Log Level

Parameters

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

Responses

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

/v1/security/csr

GET

Summary API to get certificate signing request

Description API used to get certificate signing request

Responses

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

POST

Summary API to create certificate signing request - only supported PKI algo is RSA

Description API used to create certificate signing request - only supported PKI algo is RSA

Parameters

Name	Located in	Description	Required	Schema
CSR	body	CsrRequestObj	Yes	model.CsrRequestObj

Responses

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

DELETE

Summary API to delete certificate signing request

Description API used to delete certificate signing request

Responses

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

/v1/security/csr/details**GET**

Summary API to get certificate signing request creation details

Description API used to get certificate signing request creation details

Responses

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

/v1/security/csr/tls**PATCH**

Summary API to update tls cetificate - only supported PKI algo is RSA

Description API used to update tls cetificate - only supported PKI algo is RSA

The subject information provided in CSR must match with the subject details in uploaded tls cert

Parameters

Name	Located in	Description	Required	Schema
cert-file	formData	certificate file	Yes	file

Responses

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

/v1/security/tls

GET

Summary API to get tls cetificate details

Description API used to get tls cetificate details

Responses

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

PATCH

Summary API to update tls cetificate

Description API used to update tls cetificate

Parameters

Name	Located in	Description	Required	Schema
cert-file	formData	certificate file	Yes	file
private-key-file	formData	private key file	Yes	file

Responses

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

/v1/sshprofile**GET****Summary** Get all ssh profiles**Description** Get all ssh profiles**Parameters**

Name	Located in	Description	Required	Schema
pkey-required	query	Is private key required in the response	No	boolean

Responses

Code	Description	Schema
200	OK	[model.SSHProfileGetInfo]
404	Not Found	string
500	Internal Server Error	string

POST**Summary** Create ssh profile**Description** API creates new ssh profile

The Payload fields : profile-name, ssh-username, ssh-private-key are mandatory fields and ssh-passphrase is optional

Note: ssh-private-key value should be of base64 encoded string in the payload

ssh-private-key can be of RSA-2048, RSA-4096 or AES-128-CBC encrypted PEM format. The RSA PEM Key format example is given below :

—BEGIN RSA PRIVATE KEY— —END
RSA PRIVATE KEY—

If ssh-private-key is a passphrase encrypted with AES-128-CBC, The RSA PEM contents should have a DEK info header like the example below :

—BEGIN RSA PRIVATE KEY— Proc-Type: 4,ENCRYPTED DEK-Info:
AES-128-CBC,D6BF782F43A083F8303F55EEC3624D0B
—END RSA PRIVATE KEY—

Parameters

Name	Located in	Description	Required	Schema
ssh_profile	body	ssh-profile creation payload	Yes	model.SSHProfileSetInfo

Responses

Code	Description	Schema
200	Successful Operation	string
400	Bad Request	string
500	Internal Server Error	string

DELETE

Summary Delete ssh profiles

Description Delete SSH Profiles

Parameters

Name	Located in	Description	Required	Schema
profile-name-list	body	SSH Profile Name List	Yes	[string]

Responses

Code	Description	Schema
200	Successful Operation	string
500	Internal Server Error	string

/v1/sshprofile/export**GET****Summary** Export SSH profiles**Description** Export SSH Profiles**Responses**

Code	Description	Schema
200	Successful Operation	string
500	Internal Server Error	string

/v1/sshprofile/import**POST****Summary** Import SSH profiles**Description** Import SSH Profiles**Parameters**

Name	Located in	Description	Required	Schema
sshprofilesformData		ssh profiles file	Yes	file
remote-server-sshprofile	query	Remote server ssh profile that needs to be retained	No	string

Responses

Code	Description	Schema
200	Successful Operation	string
400	Bad Request	string
500	Internal Server Error	string

/v1/sshprofile/validate**POST****Summary** Validate ssh profile

Description API validates the ssh profile for the given profile-name against the remote-server

Note : Only IPV4 format is supported for remote-server field in the payload

Parameters

Name	Located in	Description	Required	Schema
ssh_profile_name	body	SSH profile and remote server details	Yes	model.SSHProfileRemote

Responses

Code	Description	Schema
200	Successfully validated	string
400	Bad Request	string
404	Not Found	string
500	Internal Server Error	string

/v1/sshprofile/{profile-name}

GET

Summary Get ssh profile

Description Get ssh profile info for the given profile name

Parameters

Name	Located in	Description	Required	Schema
profile-name	path	SSH Profile Name	Yes	string
pkey-required	query	Is private key required in the response	No	boolean

Responses

Code	Description	Schema
200	OK	model.SSHProfileGetInfo
404	Not Found	string

Code	Description	Schema
500	Internal Server Error	string

PUT

Summary Update ssh profile

Description API updates existing ssh profile with the new values given in the payload. profile-name, ssh-username and ssh-private-key can updated independently for the given profile-name. If ssh-passphrase to be updated, then ssh-private-key must be passed. If the new ssh-private-key is encrypted with passphrase, then both ssh-private-key and ssh-passphrase to be entered in the payload.

Note: ssh-private-key value should be of base64 encoded string in the payload
ssh-private-key can be of RSA-2048, RSA-4096 or AES-128-CBC encrypted PEM format. The RSA PEM Key format example is given below :

```
—BEGIN RSA PRIVATE KEY— ..... —END
RSA PRIVATE KEY—
```

If ssh-private-key is a passphrase encrypted with AES-128-CBC, The RSA PEM contents should have a DEK info header like the example below :

```
—BEGIN RSA PRIVATE KEY— Proc-Type: 4,ENCRYPTED DEK-Info:
AES-128-CBC,D6BF782F43A083F8303F55EEC3624D0B .....
—END RSA PRIVATE KEY—
```

Parameters

Name	Located in	Description	Required	Schema
profile-name	path	SSH Profile Name	Yes	string
ssh_profile	body	ssh-profile update payload	Yes	model.SSHProfileSetInfo

Responses

Code	Description	Schema
200	Successful Operation	string
400	Bad Request	string
404	Not Found	string
500	Internal Server Error	string

/v1/tac/collect-data**GET****Summary** Collect data**Description** Collect data**Responses**

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

/v1/tac/create**POST****Summary** create tac debug package**Description** Triggers TAC debug package file generation.

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

Parameters

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

Responses

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

/v1/tac/delete**DELETE****Summary** delete tac debug package

Description Delete tac debug package for the given tac-id

Parameters

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

Responses

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

/v1/tac/download

GET

Summary download tac debug package

Description Download the tac debug package for the given tacId

Parameters

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

Responses

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

Code	Description	Schema
500	Internal Server Error	model.ErrorResponse

/v1/tac/getinfo

GET

Summary Get the TAC debug info

Description Get the details of TAC debug package. The details shall have - create time, collected-from time, collected-to time, created by user and tac file size

Parameters

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

Responses

Code	Description	Schema
200	OK	model.TacInfo
404	Not Found	model.ErrorResponse
500	Internal Server Error	model.ErrorResponse

/v1/tac/list

GET

Summary list tac debug packages

Description Get the list of tac debug packages available

Responses

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

/v1/tac/status**GET****Summary** ongoing tac debug status**Description** Check status of ongoing tac debug package**Responses**

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

/v2/elastic/query**POST****Summary** Fetch documents and their count from Elasticsearch DB**Description** Enables the user to fetch documents and their count through a query comprising of filters, multi-column sort, full text search and pagination

“index-name” expects an explicit mention of an index name, or a string with wildcard character to operate on multiple indices

“attributes” expects a string array to fetch a select list of columns – empty array will return all columns

“limit” expects an integer and defaults to 10 if not provided or set to zero “offset” expects an integer, and pagination is supported through “offset” and “limit” fields

“order-by” is a json array and supports multi-column sort – the json expects two fields: “attribute-name” and “order”

“criterias” is also a 2D array and supports the following condition: [[a AND b AND ...] OR [c AND d AND ...] OR ...]

range criteria : three fields, “attribute-name”, “start-value”, “end-value” – all fields expect string input

search criteria : two fields, “attribute-names” expects string array input, “search-str” expects string input

list criteria : two fields, “attribute-name” expects string input, “attribute-values” expects string array input

“is-negative” is an optional field for list criteria which provides for “NOT IN” condition

logical criteria : three fields, “attribute-name”, “attribute-value”, “operator” – all fields expect string input

“operator” field for logical criteria supports “<”, “>”, “<=”, “>=”, “=”, “LIKE”, “NOT LIKE”, “!=” operators

Parameters

Name	Located in	Description	Required	Schema
query	body	query comprising of filters, multi-column sort, full text search and pagination	Yes	elastic.ElasticQuerySuperset

Responses

Code	Description	Schema
200	OK	model.ApiResponse
400	Bad Request	model.StringResponse
500	Processing Errors	model.StringResponse

Models**elastic.ElasticQuerySuperset**

Name	Type	Description	Required
attributes	[string]		No
criteria	[[[integer]]]		No
index-name	string		No
limit	integer		No
offset	integer		No
order-by	[elastic.OrderBy]		No

elastic.OrderBy

Name	Type	Description	Required
attribute-name	string		No
order	string		No

model.ApiResponse

Name	Type	Description	Required
code	integer	add response status code e.g. http.StatusOK // 200	No

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

model.ClusterInformation

Name	Type	Description	Required
common_name	string		No

model.ColumnFilterObj

Name	Type	Description	Required
column_name	string		No
column_val	string		No

model.CountResponse

Name	Type	Description	Required
count	integer		No

model.CsrDetailsObj

Name	Type	Description	Required
city_name	string		No
common_name	string		No
country_code	string		No
created_time	string		No
creator_name	string		No
email_address	string		No
organisation	string		No
organisational_unit	string		No
state_name	string		No

model.CsrRequestObj

Name	Type	Description	Required
cluster_info	model.ClusterInformation		No
organisation_info	model.OrganisationInformation		No

model.CsrResponseObj

Name	Type	Description	Required
csr_response_obj	string		No

model.ElasticDocumentsKeywordFilter

Name	Type	Description	Required
column_filter	model.ColumnFilterObj		No
index	string		No
limit	integer		No
offset	integer		No

model.ElasticTimeAndKeywordFilter

Name	Type	Description	Required
column_filter	model.ColumnFilterObj		No
index	string		No
time_range	model.TimeRangeObj		No

model.ErrorResponse

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

model.ListTac

Name	Type	Description	Required
tac-ids	[string]		No

model.LogLevel

Name	Type	Description	Required
Log Level	string		No

model.OperationStatusResponse

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

model.OrganisationInformation

Name	Type	Description	Required
city_name	string		No
country_code	string		No
email_address	string		No
organisation	string		No
organisational_unit	string		No
state_name	string		No

model.SSHProfileGetInfo

Name	Type	Description	Required
create-time	string		No
created-by-user	string		No
last-modified-by-user	string		No
profile-name	string	profile-name is mandatory field for POST operation and optional for PUT	No
ssh-passphrase	string	ssh-passphrase is optional. If ssh-private-key is encrypted with passphrase, then ssh-passphrase value must be entered	No

Name	Type	Description	Required
ssh-private-key	string	ssh-private-key is mandatory for POST operation and optional for PUT. It should be in base64 encoded string format in the input payload. ssh-private-key can be of RSA-2048, RSA-4096 or AES-128-CBC encrypted PEM format. The RSA PEM Key format example is given below : —BEGIN RSA PRIVATE KEY— —END RSA PRIVATE KEY— If ssh-private-key is a passphrase encrypted with AES-128-CBC, The RSA PEM contents should have a DEK info header like the example below : —BEGIN RSA PRIVATE KEY— Proc-Type: 4,ENCRYPTED DEK-Info: AES-128-CBC,D6BF782F43A083F8303F55EEC3624D0B —END RSA PRIVATE KEY—	No
ssh-username	string	ssh-username is mandatory for POST operation and optional for PUT	No
update-time	string		No

model.SSHProfileRemote

Name	Type	Description	Required
profile-name	string	profile-name is mandatory	No
remote-server	string	remote-server is mandatory and it should be valid IPV4 format	No

model.SSHProfileSetInfo

Name	Type	Description	Required
profile-name	string	profile-name is mandatory field for POST operation and optional for PUT	No
ssh-passphrase	string	ssh-passphrase is optional. If ssh-private-key is encrypted with passphrase, then ssh-passphrase value must be entered	No
ssh-private-key	string	ssh-private-key is mandatory for POST operation and optional for PUT. It should be in base64 encoded string format in the input payload. ssh-private-key can be of RSA-2048, RSA-4096 or AES-128-CBC encrypted PEM format. The RSA PEM Key format example is given below : —BEGIN RSA PRIVATE KEY— —END RSA PRIVATE KEY— If ssh-private-key is a passphrase encrypted with AES-128-CBC, The RSA PEM contents should have a DEK info header like the example below : —BEGIN RSA PRIVATE KEY— Proc-Type: 4,ENCRYPTED DEK-Info: AES-128-CBC,D6BF782F43A083F8303F55EEC3624D0B —END RSA PRIVATE KEY—	No
ssh-username	string	ssh-username is mandatory for POST operation and optional for PUT	No

model.StatusResponse

Name	Type	Description	Required
errMsg	string		No
status	string		No

model.StatusTac

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

model.StringResponse

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

model.Tac

Name	Type	Description	Required
tac-id	string		No

model.TacInfo

Name	Type	Description	Required
collected-from	string		No
collected-to	string		No
create-time	string		No
created-by-user	string		No
file-size	string		No
tac-id	string		No

model.TimeRangeObj

Name	Type	Description	Required
column_name	string		No
enddate	string		No
startdate	string		No

Operations Hub Scheduler

operations hub task scheduler server.

Version: 1.0

/v1/loglevel

GET

Summary Get Scheduler Log Level

Description Get Scheduler Log Level

Responses

Code	Description	Schema
200	OK	model.LogLevel

PUT

Summary Set Scheduler Log Level

Description SetScheduler Log Level

Parameters

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

Responses

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

/v1/scheduler/create

POST

Summary CreateSchedule API is used to schedule tasks

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

Parameters

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

Responses

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

/v1/scheduler/delete

POST

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

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

Parameters

Name	Located in	Description	Required	Schema
scheduleID	query	scheduleID	Yes	string

Responses

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

/v1/scheduler/resume**POST**

Summary ResumeSchedule API is called to resume a suspended schedule

Description This API will resume a suspended schedule and reset the is_suspended param to false in the DB for this schedule

Parameters

Name	Located in	Description	Required	Schema
scheduleID	query	scheduleID	Yes	string

Responses

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

/v1/scheduler/suspend**POST**

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

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

Parameters

Name	Located in	Description	Required	Schema
scheduleID	query	scheduleID	Yes	string

Responses

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

/v1/scheduler/task/status**GET**

Summary GetTaskStatus API is called to get individual task status

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

Parameters

Name	Located in	Description	Required	Schema
taskID	query	taskID	Yes	string

Responses

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

/v1/scheduler/tasks**GET**

Summary ListAllScheduleTask lists all schedules and tasks

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

Responses

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

/v1/scheduler/update**POST**

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

Description Existing schedule configuration is updated using this API

Parameters

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

Responses

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

Models**model.APITaskConfig**

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

Name	Type	Description	Required
url	string		Yes

model.ApiResponse

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

model.CronSchedule

Name	Type	Description	Required
cronExpression	string		No
scheduleEnd	string		No
scheduleTime	string	RFC-3339 time format in array,2022-01- 01T07:20:50.52Z	No

model.CyclicalSchedule

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

model.DiscreteTimeSchedule

Name	Type	Description	Required
intervals	[string]		No

model.HeaderMap

Name	Type	Description	Required
model.HeaderMap	object		

model.ListScheduleConfig

Name	Type	Description	Required
scheduleTaskConfig	model.ScheduleTaskDbConfig]		Yes

model.LogLevel

Name	Type	Description	Required
Log Level	string		No

model.MessageTaskConfig

Name	Type	Description	Required
headers	model.HeaderMap		No
payload	string	TODO check size in API call validation matching DB size	Yes
producerType	string	Default to wait for ack/SYNC call	Yes
topicName	string		Yes

model.Schedule

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

model.ScheduleConfig

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

model.ScheduleDbConfig

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

model.ScheduleTaskDbConfig

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

model.StringErrorResponse

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

model.TaskCommonConfig

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

model.TaskConfig

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

model.TaskDbConfig

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

model.TaskExecutionDbStatus

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

model.TaskExecutionStatus

Name	Type	Description	Required
apiResponse	string		Yes
taskExecutionState	string		Yes
taskId	integer		Yes

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

model.TaskExecutionStatusAll

Name	Type	Description	Required
taskAllStatus[			No
	model.TaskExecutionDbStatus		
]			

model.TaskList

Name	Type	Description	Required
taskList	[model.TaskConfig]		Yes

model.UpdateScheduleConfig

Name	Type	Description	Required
scheduleConfig	model.ScheduleConfig		Yes
scheduleID	integer		Yes
tasks	[model.UpdateTaskConfig]		No

model.UpdateTaskConfig

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

Operations Hub License Management API

Operations hub license management server

Version: 1.0

/v1/license/configure-license-server

GET

Summary This api shall be used to fetch the configured license server url

Description Get Configure License Server URL

Responses

Code	Description
200	OK
400	Bad Request
500	Processing Errors

POST

Summary This api shall be used to configure license server url

Description Configure License Server URL

Parameters

Name	Located in	Description	Required	Schema
License	body	ConfigureServerUrl	Yes	model.ConfigureServerUrl

Responses

Code	Description
200	OK
400	Bad Request
500	Processing Errors

DELETE

Summary This api shall be used to delete configured license server url

Description Delete License Server URL

Responses

Code	Description
200	OK
400	Bad Request
500	Processing Errors

/v1/license/deregister**POST**

Summary This api shall be used to deregister a license

Description Product License Deregister URL

Responses

Code	Description
200	OK
400	Bad Request
500	Processing Errors

/v1/license/register**POST**

Summary This api shall be used to register a license

Description Product License Register URL

Parameters

Name	Located in	Description	Required	Schema
License	body	Register	Yes	model.Register

Responses

Code	Description
200	OK
400	Bad Request
500	Processing Errors

/v1/license/renew/auth

POST

Summary This api shall be used to renew the auth

Description Product License Renew auth

Responses

Code	Description
204	OK
400	Bad Request
500	Processing Errors

/v1/license/renew/id

POST

Summary This api shall be used to renew the id

Description Product License Renew Id

Responses

Code	Description
204	OK

Code	Description
400	Bad Request
500	Processing Errors

/v1/license/reservation

GET

Summary This api shall be used to know the status of license reservation

Description Product License Reservation Status URL

Responses

Code	Description
200	Reservation is enabled
400	Bad Request
422	Reservation is disabled
500	Processing Errors

POST

Summary This api shall be used to enable the reservation of a license

Description Product License Reservation Enable URL

Responses

Code	Description
200	OK
400	Bad Request
409	Already enabled
500	Processing Errors

DELETE

Summary This api shall be used to disable the reservation of a license

Description Product License Reservation Disable URL

Responses

Code	Description
200	OK
400	Bad Request
500	Processing Errors

/v1/license/reservation/cancel**POST**

Summary This api shall be used to void the reservation request code generated

Description Product License Reservation Cancel URL

Responses

Code	Description	Schema
200	OK	model.CancelReservationItem
400	Bad Request	
422	Reservation is disabled	
500	Processing Errors	

/v1/license/reservation/install**POST**

Summary This api shall be used to fetch the install the license reservation key.

Description Product License Reservation Install URL

Parameters

Name	Located in	Description	Required	Schema
License	body	InstallKey	Yes	model.InstallKeyReqObj

Responses

Code	Description	Schema
200	OK	model.InstallConfirmationCodeItem

Code	Description	Schema
400	Bad Request	
422	Reservation is disabled	
500	Processing Errors	

/v1/license/reservation/install/file

POST

Summary This api shall be used to install the license reservation key from file.

Description Product License Reservation Install URL

Parameters

Name	Located in	Description	Required	Schema
auth-code-file	formData	auth code file	Yes	file

Responses

Code	Description	Schema
200	OK	model.InstallConfirmationCodeItem
400	Bad Request	
422	Reservation is disabled	
500	Processing Errors	

/v1/license/reservation/request

POST

Summary This api shall be used to fetch the reservation request code, needed to get the installation key from CSSM server

Description Product License Reservation Request URL

Responses

Code	Description	Schema
200	OK	model.RequestCodeItem
400	Bad Request	

Code	Description	Schema
422	Reservation is disabled	
500	Processing Errors	

/v1/license/reservation/return

POST

Summary This api shall be used to return the license reservation.

Description Product License Reservation Return URL

Parameters

Name	Located in	Description	Required	Schema
License	body	Return Authorization	No	model.ReturnReqObj

Responses

Code	Description	Schema
200	OK	model.ReturnCodeItem
400	Bad Request	
422	Reservation is disabled	
500	Processing Errors	

/v1/license/reservation/return/file

POST

Summary This api shall be used to return the license reservation key from file.

Description Product License Reservation Return

Parameters

Name	Located in	Description	Required	Schema
auth-code-file	formData	auth code file	Yes	file

Responses

Code	Description
204	OK
400	Bad Request
422	Reservation is disabled
500	Processing Errors

/v1/license/set-entitlement**POST**

Summary Sets Entitlement Count

Description This api can be used to set entitlement count manually for testing purpose

Parameters

Name	Located in	Description	Required	Schema
License	body	entitlement	Yes	model.EntitlementDetailObj

Responses

Code	Description
200	Entitlement added successfully
400	Bad Request
500	Processing Errors

/v1/license/stage-env/disable**DELETE**

Summary This api shall be used to disable stage environment use

Description Disable stage environment use

Responses

Code	Description
200	OK

Code	Description
400	Bad Request
500	Processing Errors

/v1/license/stage-env/enable

POST

Summary This api shall be used to enable stage environment use

Description Enable stage environment use

Responses

Code	Description
201	OK
400	Bad Request
500	Processing Errors

/v1/license/status

GET

Summary This api shall be used to fetch the complete status (License status, Reservation status) details of the license.

Description Get Product License Status Details

Responses

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

/v1/license/status-only

GET

Summary This api shall be used to fetch the only license status details.

Description Get Product License Status Only

Responses

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

/v1/loglevel**GET**

Summary Get Log Level

Description Get Log Level

Responses

Code	Description	Schema
200	OK	model.LogLevel

PUT

Summary Set Log Level

Description Set Log Level

Parameters

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

Responses

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

Models

model.CancelReservationItem

Name	Type	Description	Required
cancel-info	string		No

model.ConfigureServerUrl

Name	Type	Description	Required
url	string		No

model.EntitlementDetailObj

Name	Type	Description	Required
displayName	string		No
entitlementTag	string		No
entitlementVersion	string		No
requestedCount	integer		No

model.InstallConfirmationCodeItem

Name	Type	Description	Required
confirmation-code	string		No

model.InstallKeyReqObj

Name	Type	Description	Required
key	string		No

model.LogLevel

Name	Type	Description	Required
Log Level	string		No

model.Register

Name	Type	Description	Required
force	boolean		No
tokenid	string		No

model.RequestCodeItem

Name	Type	Description	Required
reservation-request-code	string		No

model.ReturnCodeItem

Name	Type	Description	Required
reservation-return-code	string		No

model.ReturnReqObj

Name	Type	Description	Required
authorization	string		No

model.StatusResponse

Name	Type	Description	Required
license-usage-response	object		No
smart-agent-version	string		No
smart-license-status-response	object		No
udi	object		No