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## **Cisco Operations Hub and Smart PHY REST API Guide, Release 24.1**

**First Published:** 2024-01-31

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# Contents

<b>RPD Service Manager APIs</b>	<b>1</b>
Version: 24.1.0	1
/rpdorch/v3/rpd-pairing/set-rpd-pairing	1
POST	1
/rpdorch/v2/rpd-topology/update-rpd-config-history	1
POST	1
/rpdorch/v2/rpd-topology/query-rpd-config-history	2
POST	2
/rpdorch/v2/rpd-topology/get-rpds-for-core	2
POST	2
/rpdorch/v2/rpd-pairing/set-rpd-pairing	2
POST	2
/rpdorch/v2/rpd-pairing/set-latestSD-rpd-pairing	3
POST	3
/rpdorch/v2/rpd-pairing/query-rpd-pairing	3
POST	3
/rpdorch/v2/rpd-pairing/query-rpd-name-pairing	4
POST	4
/rpdorch/v2/rpd-pairing/query-rpd-mac-pairing	4
POST	4
/rpdorch/v2/rpd-pairing/query-rpd-ccap-core-details	4
POST	4
/rpdorch/v2/rpd-pairing/delete-rpd-pairing	5
POST	5
/rpdorch/v2/rpd-pairing/clear-rpd-pairing	5
POST	5
/rpdorch/v2/rpd-compatibility/set-rpd-compatibility	6
POST	6
/rpdorch/v2/gcp/set-redirect-version	6
POST	6
/rpdorch/v2/gcp/remove-redirect-version	6
POST	6
/rpdorch/v2/gcp/query-redirect-version	7

POST	7
/rpdorch/v2/data-service/db-cleanup-import	7
POST	7
/rpdorch/v1/system-info/get-rpd-processing-queue	7
POST	7
/rpdorch/v1/system-info/get-nso-commit-queue	8
POST	8
/rpdorch/v1/system-info/delete-nso-commit-queue-item	8
POST	8
/rpdorch/v1/service-catalog-topology/set-service-template	8
POST	8
/rpdorch/v1/service-catalog-topology/query-servicegroup-profiles	9
POST	9
/rpdorch/v1/service-catalog-topology/query-servicedefinition-diff	9
POST	9
/rpdorch/v1/service-catalog-topology/get-service-template	9
POST	9
/rpdorch/v1/service-catalog-topology/get-service-template-rpds- assigned-list	10
POST	10
/rpdorch/v1/service-catalog-topology/get-service-template-list	10
POST	10
/rpdorch/v1/service-catalog-topology/get-service-definition	10
POST	10
/rpdorch/v1/service-catalog-topology/delete-service-templates	11
POST	11
/rpdorch/v1/service-catalog-topology/delete-service-template	11
POST	11
/rpdorch/v1/service-catalog-topology/create-service-templates	11
POST	11
/rpdorch/v1/rpd-topology/update-rpd-inventory	12
POST	12
/rpdorch/v1/rpd-topology/refresh-rpd-status	12
POST	12
/rpdorch/v1/rpd-topology/query-rpd-topology	12
POST	12
/rpdorch/v1/rpd-topology/query-rpd-inventory	13
POST	13
/rpdorch/v1/rpd-topology/query-rpd-details	13
POST	13
/rpdorch/v1/rpd-topology/query-all-rpd-data	13
POST	13
/rpdorch/v1/rpd-topology/dump-system-info	14
POST	14
/rpdorch/v1/rpd-topology/add-rpd-inventory	14
POST	14

/rpdorch/v1/rpd-pairing/set-rpd-pairing . . . . .	14
POST . . . . .	14
/rpdorch/v1/rpd-pairing/query-servicedefinition-rpdlist . . . . .	14
POST . . . . .	14
/rpdorch/v1/rpd-pairing/query-service-definition-rpds . . . . .	15
POST . . . . .	15
/rpdorch/v1/rpd-pairing/query-rpds-on-service-definition . . . . .	15
POST . . . . .	15
/rpdorch/v1/rpd-pairing/query-rpds-notinlatestSD . . . . .	15
POST . . . . .	15
/rpdorch/v1/rpd-pairing/query-rpd-pairing . . . . .	16
POST . . . . .	16
/rpdorch/v1/rpd-pairing/query-rpd-name-pairing . . . . .	16
POST . . . . .	16
/rpdorch/v1/rpd-pairing/query-rpd-mac-pairing . . . . .	16
POST . . . . .	16
/rpdorch/v1/rpd-pairing/delete-rpd-pairing . . . . .	16
POST . . . . .	16
/rpdorch/v1/rpd-pairing/clear-rpd-pairing . . . . .	17
POST . . . . .	17
/rpdorch/v1/rpd-compatibility/set-rpd-compatibility . . . . .	17
POST . . . . .	17
/rpdorch/v1/rpd-compatibility/query-rpd-compatibility . . . . .	17
POST . . . . .	17
/rpdorch/v1/rpd-compatibility/query-rpd-compatibility-list . . . . .	18
POST . . . . .	18
/rpdorch/v1/rpd-compatibility/delete-rpd-compatibility . . . . .	18
POST . . . . .	18
/rpdorch/v1/rfpower-config/set-rfPower-profile . . . . .	18
POST . . . . .	18
/rpdorch/v1/rfpower-config/get-rfPower-profiles . . . . .	19
POST . . . . .	19
/rpdorch/v1/rfpower-config/delete-rfPower-profiles . . . . .	19
POST . . . . .	19
/rpdorch/v1/resource-manager/test-release-resources . . . . .	19
POST . . . . .	19
/rpdorch/v1/resource-manager/test-insert-resource . . . . .	20
POST . . . . .	20
/rpdorch/v1/resource-manager/test-delete-resources . . . . .	20
POST . . . . .	20
/rpdorch/v1/resource-manager/test-delete-interface-resources . . . . .	20
POST . . . . .	20
/rpdorch/v1/resource-manager/test-assign-resources . . . . .	20
POST . . . . .	20
/rpdorch/v1/resource-manager/dump-resource-map . . . . .	21
POST . . . . .	21

/rpdorch/v1/global-config/set-global-config . . . . .	21
POST . . . . .	21
/rpdorch/v1/global-config/reset-global-config . . . . .	21
POST . . . . .	21
/rpdorch/v1/global-config/query-global-config . . . . .	22
POST . . . . .	22
/rpdorch/v1/data-service/set-instance-id . . . . .	22
POST . . . . .	22
/rpdorch/v1/data-service/get-instance-id . . . . .	22
POST . . . . .	22
/rpdorch/v1/data-service/get-db-export-import-status-list . . . . .	23
POST . . . . .	23
/rpdorch/v1/data-service/db-cleanup-import . . . . .	23
POST . . . . .	23
/rpdorch/v1/data-service/data-import . . . . .	23
POST . . . . .	23
/rpdorch/v1/data-service/data-export . . . . .	24
POST . . . . .	24
/rpdorch/v1/dashboard/count . . . . .	24
POST . . . . .	24
/rpdorch/v1/core-topology/query-credentials . . . . .	25
POST . . . . .	25
/rpdorch/v1/core-topology/query-core-details . . . . .	25
POST . . . . .	25
/rpdorch/v1/core-topology/query-CoreResourceUsage . . . . .	25
POST . . . . .	25
/rpdorch/v1/core-topology/fetch-ssh-key . . . . .	25
POST . . . . .	25
/rpdorch/v1/core-topology/delete-dpic-inventory . . . . .	26
POST . . . . .	26
/rpdorch/v1/core-topology/delete-core-inventory . . . . .	26
POST . . . . .	26
/rpdorch/v1/core-topology/add-dpic-inventory . . . . .	26
POST . . . . .	26
/rpdorch/v1/core-topology/add-core-inventory . . . . .	27
POST . . . . .	27
/rpdorch/v1/config-reconciliation/reconciliation-check . . . . .	27
POST . . . . .	27
/rpdorch/v1/config-reconciliation/reconcile-rpd-from . . . . .	27
POST . . . . .	27
/rpdorch/v1/config-reconciliation/reconcile-from . . . . .	28
POST . . . . .	28
/rpdorch/v1/config-reconciliation/perform-reconciliation . . . . .	28
POST . . . . .	28
/rpdorch/v1/config-reconciliation/get-reconciliation-report . . . . .	29
POST . . . . .	29

/rpdorch/v1/config-reconciliation/get-reconciliation-report-list	29
POST	29
/logger/level	29
GET	29
POST	30
/rpdorch/v2/rpd-topology/query-rpd-configurations	30
GET	30
/rpdorch/v1/rpd-topology/query-rpd-configurations	30
GET	30
/rpdorch/v1/rpd-topology/get-service-template-counts	31
GET	31
/rpdorch/v1/rpd-topology/get-rpd-counts	31
GET	31
/rpdorch/v1/data-service/get-db-status	31
GET	31
Models	32
AssignedCores	32
GpsLocationRest	32
PortConfig	32
SetRpdPairing	33
SetRpdPairingInput	33
VideoMappingDetials	33
Error	34
RpdStatusOutput	34
SetRpdPairingOutput	34
RpdConfigHistory	35
RpdHistory	35
QueryRpdDetailsInput	36
CliData	36
DeviceInfoRest	37
QueryRpdDetailsOutputV2	37
RpdHistoryNotification	38
CoreKey	39
GpsLocationRange	39
GpsRange	40
QueryAllRpdDataOutput	40
RpdData	40
SetLatestSDRpdPairingInput	42
SetLatestSDRpdPairingOutput	42
QueryRpdPairingInput	42
QueryRpdPairingOutput	43
RpdPairingOutput	43
QueryRpdNamePairingInput	45
QueryRpdNamePairingOutput	45
QueryRpdMacPairingInput	45
QueryRpdMacPairingOutput	45

CcapCoreSummary . . . . .	46
CcapCoreSummaryForRPD . . . . .	46
CcapCoreSummaryOutput . . . . .	46
DeleteRpdPairingInput . . . . .	47
DeleteRpdPairingOutput . . . . .	47
ClearRpdPairingInput . . . . .	47
ClearRpdPairingOutput . . . . .	47
RpdRestCompatibilityKey . . . . .	47
RpdRestCompatibilityV2 . . . . .	48
SetRpdCompatibilityInputV2 . . . . .	48
RpdRestCompatibilityStatus . . . . .	48
SetRpdCompatibilityOutput . . . . .	48
SetRedirectVersionInput . . . . .	48
SetRedirectVersionOutput . . . . .	49
DeleteRedirectVersionInput . . . . .	49
DeleteRedirectVersionOutput . . . . .	49
GcpRedirectRpdDetails . . . . .	49
QueryRedirectVersionListOutput . . . . .	50
DataImportOutput . . . . .	50
DumpSystemInfoOutput . . . . .	50
ThreadPoolInfo . . . . .	50
ShowCommitQueueInput . . . . .	51
QueueItem . . . . .	51
ShowCommitQueueOutput . . . . .	51
DeleteCommitQueueItemInput . . . . .	51
AddServiceTemplateInput . . . . .	51
ServiceElementInput . . . . .	52
ServiceOobProfile . . . . .	52
AddServiceTemplateOutput . . . . .	53
ServiceGroupProfilesInput . . . . .	53
ServiceGroupProfilesOutput . . . . .	53
ServiceDefinitionDiffInput . . . . .	53
ServiceDefinitionDiffOutput . . . . .	53
ServiceElementOutput . . . . .	54
ServiceTemplateOutput . . . . .	54
GetServiceTemplateInput . . . . .	55
GetServiceTemplateOutput . . . . .	55
GetServiceTemplateRpdsAssignedListOutput . . . . .	56
ServiceTemplateRpdsAssignedOutput . . . . .	56
GetServiceTemplateListOutput . . . . .	56
GetServiceDefinitionOutput . . . . .	56
DeleteServiceTemplateListInput . . . . .	57
DeleteServiceTemplateListOutput . . . . .	57
DeleteServiceTemplateOutput . . . . .	57
DeleteServiceTemplateInput . . . . .	57
AddServiceTemplateListInput . . . . .	57



AddServiceTemplateListOutput . . . . .	58
UpdateRpdInventoryInput . . . . .	58
UpdateRpdInventoryOutput . . . . .	58
RefreshRPDStatusInput . . . . .	58
RefreshRPDStatusOutput . . . . .	58
QueryRpdTopologyInput . . . . .	59
QueryRpdTopologyOutput . . . . .	59
RpdTopology . . . . .	59
QueryRpdInventoryInput . . . . .	60
QueryRpdInventoryOutput . . . . .	60
RpdInventory . . . . .	61
QueryRpdDetailsOutput . . . . .	62
QueryAllRpdDataInput . . . . .	63
AddRpdInventoryInput . . . . .	64
AddRpdInventoryOutput . . . . .	64
QueryRpdListOnServiceDefinitionInput . . . . .	64
QueryRpdListOnServiceDefinitionOutput . . . . .	64
RpdDetails . . . . .	65
RpdServiceDefinition . . . . .	65
SdVersionCount . . . . .	65
GetServiceTemplateInputList . . . . .	65
QueryRpdServiceDefinition . . . . .	66
QueryRpdOnServiceDefinitionInput . . . . .	66
QueryRpdOnServiceDefinition . . . . .	66
QueryRpdsNotonLatestSDInput . . . . .	66
QueryRpdsNotonLatestSDOutput . . . . .	66
RpdRestCompatibility . . . . .	67
SetRpdCompatibilityInput . . . . .	67
QueryRpdCompatibilityInput . . . . .	67
QueryRpdCompatibilityOutput . . . . .	67
QueryRpdCompatibilityListInput . . . . .	67
QueryRpdCompatibilityListOutput . . . . .	68
DeleteRpdCompatibilityInput . . . . .	68
DeleteRpdCompatibilityOutput . . . . .	68
RFPowerConfigInput . . . . .	68
RFPowerConfigOutput . . . . .	68
QueryRFPowerConfigInput . . . . .	69
GetRFPowerConfigOutput . . . . .	69
DeleteRfPowerConfigInput . . . . .	69
DeleteRfPowerConfigOutput . . . . .	69
DeleteRfPowerConfigOutputList . . . . .	69
TestReleaseResourcesInput . . . . .	70
TestInsertResourcesInput . . . . .	70
TestDeleteResourcesInput . . . . .	70
TestDeleteInterfaceResourcesInput . . . . .	70
TestAssignResourcesToRpdInput . . . . .	70

DumpResourceMapOutput . . . . .	70
SetGlobalConfigInput . . . . .	71
SetGlobalConfigOutput . . . . .	71
ResetGlobalConfigInput . . . . .	71
ResetGlobalConfigOutput . . . . .	71
QueryGlobalConfigInput . . . . .	72
ConfigRecord . . . . .	72
QueryGlobalConfigOutput . . . . .	72
SetInstanceIdInput . . . . .	72
SetInstanceIdOutput . . . . .	72
GetInstanceIdInput . . . . .	73
GetInstanceIdOutput . . . . .	73
DbExportImportStatus . . . . .	73
GetDbExportImportStatusOutput . . . . .	73
DataImportInput . . . . .	74
DataExportInput . . . . .	74
CountOutput . . . . .	74
QueryCredentialsInput . . . . .	75
QueryCredentialsOutput . . . . .	75
QueryCoreDetailsInput . . . . .	75
CoreDetails . . . . .	76
DpicInterface . . . . .	76
IpMask . . . . .	76
OOBProfiles . . . . .	77
QueryCoreDetailsOutput . . . . .	77
SsdProfile . . . . .	77
VirtualSG . . . . .	77
QueryCoreResourceUsageInput . . . . .	77
QueryCoreResourceUsageOutput . . . . .	78
FetchSshKeyInput . . . . .	78
FetchSshKeyOutput . . . . .	78
DeleteDpicInventoryInput . . . . .	78
DeleteDpicInventoryOutput . . . . .	79
DeleteCoreInventoryInput . . . . .	79
DeleteCoreInventoryOutput . . . . .	79
AddDpicInventoryInput . . . . .	79
AddDpicInventoryOutput . . . . .	79
AddCoreInventoryInput . . . . .	80
AddCoreInventoryOutput . . . . .	80
CoreKeyInput . . . . .	80
CoreReconciliationOutput . . . . .	80
RpdReconciliationInput . . . . .	81
CoreReconciliationInput . . . . .	81
ReconciliationReportParams . . . . .	81
ConfigDiff . . . . .	81
ReconciliationReport . . . . .	81

ReconciliationReportKey . . . . .	82
ReconciliationMeta . . . . .	82
LoggerRestInput . . . . .	82
LoggerRestOutput . . . . .	83
CoreConfigurationDetailsV2 . . . . .	83
DeviceInfoDetails . . . . .	83
GpsLocation . . . . .	83
RpdConfigurationDetailsV2 . . . . .	83
ServiceDetailsV2 . . . . .	85
CoreConfigurationDetails . . . . .	85
RpdConfigurationDetails . . . . .	85
RpdConfigurationDetailsListOutput . . . . .	86
ServiceDetails . . . . .	87
RpdCount . . . . .	87
DatabaseStatus . . . . .	87
<b>Inventory Manager APIs</b>	<b>89</b>
Version: 24.1.0 . . . . .	89
/logger/level . . . . .	89
GET . . . . .	89
POST . . . . .	89
/inventory/v2/credential/query-credential-profile . . . . .	89
POST . . . . .	89
/inventory/v2/credential/delete-credential-profile . . . . .	90
POST . . . . .	90
/inventory/v1/instance/set-instance-id . . . . .	90
POST . . . . .	90
/inventory/v1/instance/get-instance-id . . . . .	90
POST . . . . .	90
/inventory/v1/device/update-device-inventory . . . . .	90
POST . . . . .	90
/inventory/v1/device/update-device-inventory-list . . . . .	91
POST . . . . .	91
/inventory/v1/device/update-ccap-core-state . . . . .	91
POST . . . . .	91
/inventory/v1/device/query-device-list . . . . .	92
POST . . . . .	92
/inventory/v1/device/query-device-list-on-version . . . . .	92
POST . . . . .	92
/inventory/v1/device/fetch-ccap-association . . . . .	92
POST . . . . .	92
/inventory/v1/device/delete-device-inventory . . . . .	92
POST . . . . .	92
/inventory/v1/device/add-device-inventory . . . . .	93
POST . . . . .	93
/inventory/v1/device/add-device-inventory-list . . . . .	93

POST	93
/inventory/v1/credential/set-credential-profile	93
POST	93
/inventory/v1/credential/query-credential-profile	94
POST	94
/inventory/v1/credential/delete-credential-profile	94
POST	94
/api/config/smiuser/_operations/change-password	94
POST	94
/inventory/v2/credential/get-inventory-counts	94
GET	94
/inventory/v1/device/getLicenseDetails	95
GET	95
/inventory/v1/device/get-db-status	95
GET	95
/inventory/v1/device/erase-inventory-database	95
GET	95
Models	96
LoggerRestInput	96
Error	96
LoggerRestOutput	96
QueryCredentialProfileInput	97
CredentialProfileOutputV2	97
QueryCredentialProfileOutputV2	97
Status	97
DeleteCredProfileListInput	98
DeleteCredentialProfileInput	98
DeleteCredProfileListOutput	98
DeleteCredentialProfileOutput	98
SetInstanceIdInput	99
SetInstanceIdOutput	99
GetInstanceIdInput	99
GetInstanceIdOutput	99
GpsLocation	99
UpdateDeviceInventoryInput	100
UpdateDeviceInventoryOutput	100
UpdateDeviceInventoryListInput	101
UpdateDeviceInventoryListOutput	101
MaintainCCAPCoreInput	101
DeviceStatusOutput	101
MaintainCCAPCoreOutput	102
QueryDeviceListInput	102
DeviceDetails	102
DeviceHistoryNotification	104
DeviceInfo	105
QueryDeviceListOutput	105

TagDetails . . . . .	105
QueryDeviceListVersionBasedInput . . . . .	105
QueryDeviceListVersionBasedOutput . . . . .	106
DeleteDeviceInventoryInput . . . . .	106
DeviceAssociationResponse . . . . .	106
DeviceAssociationsOutput . . . . .	106
DeleteDeviceInventoryOutput . . . . .	106
AddDeviceInventoryInput . . . . .	107
AddDeviceInventoryOutput . . . . .	107
AddDeviceInventoryListInput . . . . .	108
AddDeviceInventoryListOutput . . . . .	108
SetCredentialProfileInput . . . . .	108
SetCredentialProfileOutput . . . . .	109
CredentialProfileOutput . . . . .	109
QueryCredentialProfileOutput . . . . .	109
UserResetPasswordInput . . . . .	110
InventoryCount . . . . .	110
InvDatabaseStatus . . . . .	110

## **RPD SSD Manager APIs 111**

Version: 24.1.0 . . . . .	111
/rpdssdorch/v1/ssd-comp/set-ssd-compatibility-policy . . . . .	111
POST . . . . .	111
/rpdssdorch/v1/ssd-comp/import-ssd-compatibility-policy . . . . .	111
POST . . . . .	111
/rpdssdorch/v1/ssd-comp/get-ssd-compatibility-policies . . . . .	111
POST . . . . .	111
/rpdssdorch/v1/ssd-comp/delete-ssd-compatibility-policies . . . . .	112
POST . . . . .	112
/rpdssdorch/v1/ssd-analytics/get-rpd-ssd-initiated-periodical-	
stats . . . . .	112
POST . . . . .	112
/rpdssdorch/v1/ssd-analytics/get-rpd-ssd-details . . . . .	112
POST . . . . .	112
/rpdssdorch/v1/ssd-analytics/get-rpd-ssd-details-for-macaddress	
POST . . . . .	112
/rpdssdorch/v1/rpd-ssd/update-enforce-catchall-ssd-profiles . . . . .	113
POST . . . . .	113
/rpdssdorch/v1/rpd-ssd/test-gcp-init . . . . .	113
POST . . . . .	113
/rpdssdorch/v1/rpd-ssd/set-rpd-ssd-profiles . . . . .	113
POST . . . . .	113
/rpdssdorch/v1/rpd-ssd/import-rpd-ssd-profile . . . . .	113
POST . . . . .	113
/rpdssdorch/v1/rpd-ssd/get-ssd-profile-from-name . . . . .	114
POST . . . . .	114

/rpdssdorch/v1/rpd-ssd/get-rpd-ssd-profiles . . . . .	114
POST . . . . .	114
/rpdssdorch/v1/rpd-ssd/delete-rpd-ssd-profile . . . . .	114
POST . . . . .	114
/rpdssdorch/v1/rpd-ssd-mapping/set-rpd-ssd-mapping . . . . .	114
POST . . . . .	114
/rpdssdorch/v1/rpd-ssd-mapping/import-rpd-ssd-mapping . . . . .	115
POST . . . . .	115
/rpdssdorch/v1/rpd-ssd-mapping/get-rpd-ssd-mapping . . . . .	115
POST . . . . .	115
/rpdssdorch/v1/rpd-ssd-mapping/get-all-rpd-ssd-mapping . . . . .	115
POST . . . . .	115
/rpdssdorch/v1/rpd-ssd-mapping/delete-rpd-ssd-mapping . . . . .	115
POST . . . . .	115
/logger/level . . . . .	115
GET . . . . .	115
POST . . . . .	116
/ssd/testport . . . . .	116
GET . . . . .	116
/rpdssdorch/v1/ssd-analytics/get-rpd-ssd-details-count . . . . .	116
GET . . . . .	116
/rpdssdorch/v1/rpd-ssd/get-ssd-db-count . . . . .	116
GET . . . . .	116
/rpdssdorch/v1/rpd-ssd/erase-ssd-database . . . . .	117
GET . . . . .	117
Models . . . . .	117
SsdCompatibilityPolicyInput . . . . .	117
SsdCompatibilityPolicyInputList . . . . .	117
Error . . . . .	117
SsdCompatibilityPolicyOutput . . . . .	118
SsdCompatibilityPolicyOutputList . . . . .	118
GetSsdCompatibilityPolicy . . . . .	118
QuerySsdCompatibilityPolicyInput . . . . .	119
GetSsdCompatibilityPolicyOutput . . . . .	119
DeleteSsdPolicyInput . . . . .	119
DeleteSsdPolicyOutput . . . . .	119
DeleteSsdPolicyOutputList . . . . .	120
RpdSsdAnalyticsInput . . . . .	120
RpdSsdInitiatedAggregates . . . . .	120
ShowRpdSsdAnalyticsInitiatedOutput . . . . .	120
RangeCriteria . . . . .	120
RpdSsdAnalyticsMultiInput . . . . .	121
RpdSsdDetails . . . . .	121
ShowRpdSsdDetailsOutput . . . . .	121
RpdSsdAnalyticsFieldInput . . . . .	122
RpdSsdProfileNameInput . . . . .	122

RpdSsdProfileNameOutput . . . . .	122
RpdSsdProfileNameOutputList . . . . .	122
DeviceInfo . . . . .	122
RpdSSDGcpTestInput . . . . .	123
RpdSsdProfileInput . . . . .	123
RpdSsdProfileOutput . . . . .	123
GetRpdSsdProfile . . . . .	124
QueryRpdSsdProfileInput . . . . .	124
GetRpdSsdProfileOutput . . . . .	124
DeleteRpdSsdProfileInput . . . . .	124
DeleteRpdSsdProfileOutput . . . . .	125
DeleteRpdSsdProfileOutputList . . . . .	125
RpdSsdMappingInput . . . . .	125
RpdSsdMappingInputList . . . . .	125
RpdSsdMappingOutput . . . . .	125
RpdSsdMappingOutputList . . . . .	126
QueryRpdSsdMappingInput . . . . .	126
GetRpdSsdMapping . . . . .	126
GetRpdSsdMappingOutput . . . . .	126
DeleteRpdSsdMappingInput . . . . .	127
DeleteRpdSsdMappingOutput . . . . .	127
DeleteRpdSsdMappingOutputList . . . . .	127
LoggerRestInput . . . . .	127
LoggerRestOutput . . . . .	128
SsdKeyspaceStatus . . . . .	128
Status . . . . .	128
<b>Operations Hub Authentication API</b>	<b>129</b>
Version: 1.0 . . . . .	129
Security . . . . .	129
/loglevel . . . . .	129
GET . . . . .	129
PUT . . . . .	130
/reset-internal-user . . . . .	130
PATCH . . . . .	130
/v1/login/banner . . . . .	131
GET . . . . .	131
PATCH . . . . .	131
/v1/token . . . . .	132
POST . . . . .	132
DELETE . . . . .	132
/v1/token/fresh . . . . .	132
POST . . . . .	132
/v1/token/validation . . . . .	133
POST . . . . .	133
Models . . . . .	134

auth.Content . . . . .	134
auth.ErrorResponse . . . . .	134
auth.LogLevel . . . . .	134
auth.LoginBanner . . . . .	134
structs.ResetPasswordRequestObj . . . . .	134
structs.TokenGenInfo . . . . .	135
structs.TokenRefreshReqInfo . . . . .	135
<b>Operations Hub RBAC API</b>	<b>137</b>
Version: 1.0 . . . . .	137
/v1/iam/user/action . . . . .	137
POST . . . . .	137
/v1/identitymgmt/exportldap . . . . .	138
GET . . . . .	138
/v1/identitymgmt/exportum . . . . .	138
GET . . . . .	138
/v1/identitymgmt/group . . . . .	138
GET . . . . .	138
/v1/identitymgmt/importldap . . . . .	139
POST . . . . .	139
/v1/identitymgmt/importum . . . . .	139
POST . . . . .	139
/v1/identitymgmt/ldap/config . . . . .	140
GET . . . . .	140
PUT . . . . .	140
POST . . . . .	141
DELETE . . . . .	141
PATCH . . . . .	142
/v1/identitymgmt/ldap/validate/current-config . . . . .	142
POST . . . . .	142
/v1/identitymgmt/ldap/validate/new-config . . . . .	143
POST . . . . .	143
/v1/identitymgmt/loglevel . . . . .	143
GET . . . . .	143
PUT . . . . .	144
/v1/identitymgmt/password-age . . . . .	144
PATCH . . . . .	144
/v1/identitymgmt/password-length . . . . .	145
PATCH . . . . .	145
/v1/identitymgmt/reset-password . . . . .	145
PATCH . . . . .	145
/v1/identitymgmt/self-password . . . . .	146
PATCH . . . . .	146
/v1/identitymgmt/user . . . . .	146
GET . . . . .	146
POST . . . . .	147



/v1/identitymgmt/user-group . . . . .	147
POST . . . . .	147
PATCH . . . . .	147
/v1/identitymgmt/user/{username} . . . . .	148
GET . . . . .	148
DELETE . . . . .	148
/v1/identitymgmt/user/{username}/namespace/{namespace} . . . . .	149
GET . . . . .	149
Models . . . . .	149
model.ChangePasswordLengthRequest . . . . .	149
model.ChangeSelfPasswordRequest . . . . .	150
model.CreateUserRequest . . . . .	150
model.CurrentSecurityConfig . . . . .	150
model.ElasticSearchRequest . . . . .	150
model.ElasticSearchResponse . . . . .	150
model.GenericMapResponse . . . . .	151
model.GenericResponse . . . . .	151
model.GroupListResponse . . . . .	151
model.LdapConfigObject . . . . .	151
model.LdapDeleteConfigRequest . . . . .	151
model.LdapGroupMappingObject . . . . .	152
model.LogLevelRequest . . . . .	152
model.NewSecurityConfig . . . . .	152
model.PasswordAgeRequest . . . . .	152
model.ResetPasswordRequest . . . . .	153
model.UExportResponse . . . . .	153
model.UserDetailListResponse . . . . .	153
model.UserDetailResponse . . . . .	153
model.UserDetails . . . . .	153
model.UserGroupRequest . . . . .	153
<b>Operations Hub Tag Management API</b>	<b>155</b>
Version: 1.0 . . . . .	155
/v1/loglevel . . . . .	155
GET . . . . .	155
PUT . . . . .	155
/v1/tags . . . . .	156
GET . . . . .	156
/v1/tags/create-assign-tags . . . . .	156
POST . . . . .	156
/v1/tags/delete-tag/{tag-name} . . . . .	157
DELETE . . . . .	157
/v1/tags/entity-instance . . . . .	157
POST . . . . .	157
/v1/tags/export . . . . .	158
GET . . . . .	158

/v1/tags/import . . . . .	158
POST . . . . .	158
/v1/tags/remove-tag-association . . . . .	159
POST . . . . .	159
/v1/tags/search/{tag-name} . . . . .	159
GET . . . . .	159
/v1/tags/{entity} . . . . .	160
GET . . . . .	160
Models . . . . .	161
tag.ApiResponse . . . . .	161
tag.ApplicationError . . . . .	161
tag.EntityTag . . . . .	162
tag.EntityTagDetails . . . . .	162
tag.EntityTagUuid . . . . .	162
tag.EntityUuid . . . . .	162
tag.EntityUuidTag . . . . .	163
tag.ExportTagData . . . . .	163
tag.GetTagsForEntityResponse . . . . .	163
tag.LogLevel . . . . .	163
tag.TagBasicDetails . . . . .	163
tag.TagResponse . . . . .	164
tag.TagsWithUid . . . . .	164
tag.UuidTag . . . . .	164
<b>Operations Hub Infra Alert Management API</b>	<b>165</b>
Version: 1.0 . . . . .	165
Security . . . . .	165
/v1/alerts . . . . .	165
GET . . . . .	165
/v1/alerts/count-summary . . . . .	166
GET . . . . .	166
/v1/alerts/groups . . . . .	166
GET . . . . .	166
/v1/alerts/groups/{name} . . . . .	167
GET . . . . .	167
PUT . . . . .	167
/v1/alerts/multiple-ack . . . . .	168
PUT . . . . .	168
/v1/alerts/multiple-unack . . . . .	168
PUT . . . . .	168
/v1/alerts/records . . . . .	169
POST . . . . .	169
/v1/alerts/{id} . . . . .	169
GET . . . . .	169
/v1/alerts/{id}/ack . . . . .	170
PUT . . . . .	170

/v1/alerts/{id}/comment . . . . .	170
PUT . . . . .	170
/v1/alerts/{id}/un-ack . . . . .	171
PUT . . . . .	171
/v1/cluster/health . . . . .	171
GET . . . . .	171
/v1/cluster/pod/{pod-id} . . . . .	172
GET . . . . .	172
/v1/cluster/resourceinfo . . . . .	173
GET . . . . .	173
/v1/loglevel . . . . .	174
GET . . . . .	174
PUT . . . . .	174
/v1/smtp . . . . .	174
GET . . . . .	174
PUT . . . . .	175
/v2/smtp . . . . .	175
GET . . . . .	175
PUT . . . . .	175
/v2/smtp/alert-group-config/{smtp-host} . . . . .	176
GET . . . . .	176
PUT . . . . .	176
/v2/smtp/enable-alert-notifications . . . . .	177
POST . . . . .	177
/v2/smtp/{smtp-host} . . . . .	178
DELETE . . . . .	178
Models . . . . .	178
model.AlertCommentInfo . . . . .	178
model.AlertConfigGetInfo . . . . .	178
model.AlertConfigGetInfoV2 . . . . .	179
model.AlertConfigGetInfoV2Arr . . . . .	179
model.AlertConfigSetInfo . . . . .	179
model.AlertConfigSetInfoV2 . . . . .	180
model.AlertConfigSetInfoV2Arr . . . . .	180
model.AlertCountSummary . . . . .	180
model.AlertCountsResponseObj . . . . .	180
model.AlertGetEntry . . . . .	181
model.AlertGetInfo . . . . .	181
model.AlertGroupGetInfo . . . . .	181
model.AlertGroupSetInfo . . . . .	182
model.AlertGroupsEmailConfig . . . . .	182
model.AlertRecords . . . . .	182
model.AlertSetInfo . . . . .	183
model.AlertsRequest . . . . .	183
model.AlertsResponse . . . . .	183
model.ConfigmapsStatus . . . . .	183

model.DaemonsetsStatus . . . . .	183
model.DeploymentsStatus . . . . .	184
model.EnableDisableEmailNotifications . . . . .	184
model.FiringAlertCountSummary . . . . .	184
model.HealthStatus . . . . .	184
model.LogLevel . . . . .	185
model.MultipleAlertGetInfo . . . . .	185
model.MultipleAlertSetInfo . . . . .	185
model.NodesStatus . . . . .	185
model.NotReadyPods . . . . .	186
model.OrderBy . . . . .	186
model.PendingAlertCountSummary . . . . .	186
model.PodInfo . . . . .	186
model.PodsStatus . . . . .	187
model.ResolvedAlertCountSummary . . . . .	187
model.ResourceStatusResponse . . . . .	187
model.ResourceStatusResponseObject . . . . .	188
model.StatefulsetsStatus . . . . .	188
<b>Operations Hub Utilities</b>	<b>189</b>
Version: 1.0 . . . . .	189
/v1/config/export . . . . .	189
GET . . . . .	189
/v1/config/import . . . . .	189
POST . . . . .	189
/v1/config/operation/status . . . . .	190
GET . . . . .	190
/v1/elastic/documents/keywordfilter . . . . .	191
POST . . . . .	191
/v1/elastic/filter . . . . .	191
POST . . . . .	191
/v1/loglevel . . . . .	192
GET . . . . .	192
PUT . . . . .	192
/v1/security/csr . . . . .	193
GET . . . . .	193
POST . . . . .	193
DELETE . . . . .	194
/v1/security/csr/details . . . . .	194
GET . . . . .	194
/v1/security/csr/tls . . . . .	194
PATCH . . . . .	194
/v1/security/tls . . . . .	195
GET . . . . .	195
PATCH . . . . .	195
/v1/sshprofile . . . . .	196

GET . . . . .	196
POST . . . . .	196
DELETE . . . . .	197
/v1/sshprofile/export . . . . .	198
GET . . . . .	198
/v1/sshprofile/import . . . . .	198
POST . . . . .	198
/v1/sshprofile/validate . . . . .	198
POST . . . . .	198
/v1/sshprofile/{profile-name} . . . . .	199
GET . . . . .	199
PUT . . . . .	200
/v1/tac/collect-data . . . . .	201
GET . . . . .	201
/v1/tac/create . . . . .	201
POST . . . . .	201
/v1/tac/delete . . . . .	201
DELETE . . . . .	201
/v1/tac/download . . . . .	202
GET . . . . .	202
/v1/tac/getinfo . . . . .	203
GET . . . . .	203
/v1/tac/list . . . . .	203
GET . . . . .	203
/v1/tac/status . . . . .	204
GET . . . . .	204
/v2/elastic/query . . . . .	204
POST . . . . .	204
Models . . . . .	205
elastic.ElasticQuerySuperset . . . . .	205
elastic.OrderBy . . . . .	205
model.ApiResponse . . . . .	205
model.ClusterInformation . . . . .	206
model.ColumnFilterObj . . . . .	206
model.CountResponse . . . . .	206
model.CsrDetailsObj . . . . .	206
model.CsrRequestObj . . . . .	207
model.CsrResponseObj . . . . .	207
model.ElasticDocumentsKeywordFilter . . . . .	207
model.ElasticTimeAndKeywordFilter . . . . .	207
model.ErrorResponse . . . . .	207
model.ListTac . . . . .	207
model.LogLevel . . . . .	208
model.OperationStatusResponse . . . . .	208
model.OrganisationInformation . . . . .	208
model.SSHProfileGetInfo . . . . .	208

model.SSHProfileRemote . . . . .	209
model.SSHProfileSetInfo . . . . .	210
model.StatusResponse . . . . .	210
model.StatusTac . . . . .	211
model.StringResponse . . . . .	211
model.Tac . . . . .	211
model.TacInfo . . . . .	211
model.TimeRangeObj . . . . .	211
<b>Operations Hub Scheduler</b>	<b>213</b>
Version: 1.0 . . . . .	213
/v1/loglevel . . . . .	213
GET . . . . .	213
PUT . . . . .	213
/v1/scheduler/create . . . . .	214
POST . . . . .	214
/v1/scheduler/delete . . . . .	214
POST . . . . .	214
/v1/scheduler/suspend . . . . .	215
POST . . . . .	215
/v1/scheduler/task/status . . . . .	215
GET . . . . .	215
/v1/scheduler/tasks . . . . .	216
GET . . . . .	216
/v1/scheduler/update . . . . .	216
POST . . . . .	216
Models . . . . .	217
model.APITaskConfig . . . . .	217
model.ApiResponse . . . . .	217
model.CronSchedule . . . . .	217
model.CyclicalSchedule . . . . .	218
model.DiscreteTimeSchedule . . . . .	218
model.HeaderMap . . . . .	218
model.ListScheduleConfig . . . . .	218
model.LogLevel . . . . .	218
model.MessageTaskConfig . . . . .	218
model.Schedule . . . . .	219
model.ScheduleConfig . . . . .	219
model.ScheduleDbConfig . . . . .	219
model.ScheduleTaskDbConfig . . . . .	220
model.StringErrResponse . . . . .	220
model.TaskCommonConfig . . . . .	220
model.TaskConfig . . . . .	220
model.TaskDbConfig . . . . .	220
model.TaskExecutionDbStatus . . . . .	221
model.TaskExecutionStatus . . . . .	221

model.TaskExecutionStatusAll . . . . .	221
model.TaskList . . . . .	221
model.UpdateScheduleConfig . . . . .	221
model.UpdateTaskConfig . . . . .	222
<b>Operations Hub License Management API</b>	<b>223</b>
Version: 1.0 . . . . .	223
/v1/license/configure-license-server . . . . .	223
GET . . . . .	223
POST . . . . .	223
DELETE . . . . .	224
/v1/license/deregister . . . . .	224
POST . . . . .	224
/v1/license/register . . . . .	224
POST . . . . .	224
/v1/license/renew/auth . . . . .	225
POST . . . . .	225
/v1/license/renew/id . . . . .	225
POST . . . . .	225
/v1/license/reservation . . . . .	226
GET . . . . .	226
POST . . . . .	226
DELETE . . . . .	226
/v1/license/reservation/cancel . . . . .	227
POST . . . . .	227
/v1/license/reservation/install . . . . .	227
POST . . . . .	227
/v1/license/reservation/install/file . . . . .	228
POST . . . . .	228
/v1/license/reservation/request . . . . .	228
POST . . . . .	228
/v1/license/reservation/return . . . . .	229
POST . . . . .	229
/v1/license/reservation/return/file . . . . .	229
POST . . . . .	229
/v1/license/set-entitlement . . . . .	230
POST . . . . .	230
/v1/license/stage-env/disable . . . . .	230
DELETE . . . . .	230
/v1/license/stage-env/enable . . . . .	231
POST . . . . .	231
/v1/license/status . . . . .	231
GET . . . . .	231
/v1/license/status-only . . . . .	231
GET . . . . .	231
/v1/loglevel . . . . .	232

GET . . . . . 232  
PUT . . . . . 232  
Models . . . . . 233  
    model.CancelReservationItem . . . . . 233  
    model.ConfigureServerUrl . . . . . 233  
    model.EntitlementDetailObj . . . . . 233  
    model.InstallConfirmationCodeItem . . . . . 233  
    model.InstallKeyReqObj . . . . . 233  
    model.LogLevel . . . . . 233  
    model.Register . . . . . 234  
    model.RequestCodeItem . . . . . 234  
    model.ReturnCodeItem . . . . . 234  
    model.ReturnReqObj . . . . . 234  
    model.StatusResponse . . . . . 234



# RPD Service Manager APIs

**Version:** 24.1.0

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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/update-rpd-config-history**

**POST**

**Summary** API to update RPD Config History

**Description** Accept Mac Address and update history for particular RPD

**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 interface 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

**/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
rpdMac	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
rpdMac	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
rpdcconnectionstring	string		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	Enum: "Pending", "Approved"	No
nodeSegmentation	string	Enum: "RPD_1x1", "RPD_1x2", "RPD_2x2", "RPD_2x4"	No
shelf	boolean		No
controllerAlignment	boolean		No
dsgTgList	[ integer ]		No
assignedCores	[ object ]		No
portConfigs	[ object ]		No
downstreamVmid	integer		No
downstreamVpnProfile	boolean		No
upstreamVmid	integer		No
upstreamVpnProfile	boolean		No
secondUpstreamVpnProfile	boolean		No
thirdUpstreamVpnProfile	boolean		No
fourthUpstreamVpnProfile	boolean		No
additionalCores	[ 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

Name	Type	Description	Required
videoServiceGroups	[ 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

**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

### RpdConfigHistory

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

### RpdHistory

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", "SSDRPError", "SSDCompleted", "ReceivedErrorNotification"	No
statedetails	string		No
correctiveaction	string		No
rpdstatechangeTime	Time		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", "SSDRPError", "SSDCompleted", "ReceivedErrorNotification"	No
type	string		No
gpsLocation	object		No
deviceInfo	object		No
stateChangeTimestamp	Timestamp		No
rpdHistory	[ 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
rpddata	[ 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
stateChangeId	integer		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
pairingChangeTs	Timestamp		No
rpdsHistory	[ 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
additionalCorrelation	[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", "SSDRPError", "SSDCompleted", "ReceivedErrorNotification"	No
pairingChangeTime	Timestamp		No
serviceTemplate	string		No
nodeSegmentation	string	<i>Enum:</i> "RPD_1x1", "RPD_1x2", "RPD_2x2", "RPD_2x4"	No
dsgTgList	[ integer ]		No
downstreamVlanId	integer		No
downstreamVlanProfile	string		No
shelf	boolean		No
upstreamVlanId	integer		No
upstreamVlanProfile	string		No
secondUpstreamVlanProfile	string		No
thirdUpstreamVlanProfile	string		No
fourthUpstreamVlanProfile	string		No

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

### QueryRpdNamePairingOutput

Name	Type	Description	Required
status	string	<i>Enum</i> : "Success", "Failure", "PartialSuccess"	No
error	object		No
rdpPairingResponse	[ 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
ccapCoreSummary	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
ccapCoreSummaryForRPD	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
rpdpairingResp	[ 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
rpdpairingResp	[ 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
gcpRedirectVersionList	object		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
deletePendingRpds	[ string ]		No
lockedRpds	[ string ]		No
beingGcpUpRpds	[ string ]		No
threadPoolInfo	[ object ]		No

**ThreadPoolInfo**

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

Name	Type	Description	Required
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
downstreamVpnIndex	integer		No
upstreamVpnIndex	integer		No
downstreamVpnProfile	string		No
upstreamVpnProfile	string		No
secondUpstreamVpnProfile	string		No
thirdUpstreamVpnProfile	string		No
fourthUpstreamVpnProfile	string		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

Name	Type	Description	Required
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
serviceTemplate	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
downstreamControlProfile	integer		No
upstreamControlProfile	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
autoAccept	boolean		No
rpdsAssigned	long		No

Name	Type	Description	Required
rpdsProvisioned	boolean		No
pilotToneProfile	integer		No
dsgTunnelGroupID	integer		No
loadBalanceX	string		No
networkDelayS	integer		No
networkDelayM	integer		No
dlmMeasureOnly	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
dlmMeasureOnly	boolean		No
uuid	string		No
sdversion	integer		No
timestamp	dateTime		No
user	string		No

Name	Type	Description	Required
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
rpdsAssignedlong	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
error	object		No



Name	Type	Description	Required
serviceTemplateOutputList	ObjectList		No

### DeleteServiceTemplateListInput

Name	Type	Description	Required
nameList	[ string ]		No

### DeleteServiceTemplateListOutput

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

### DeleteServiceTemplateOutput

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

### RpdTopology

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

Name	Type	Description	Required
rpdState	string	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

### 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
gpsLocation	object		No
rpInventory	[ 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	timestamp		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	date-time		No
rpdcHistory	[ 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 ]		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
rpdServiceDefinitionList	[ 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
rpdList	[ object ]		No

### QueryRpdsNotonLatestSDInput

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

### QueryRpdsNotonLatestSDOutput

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

### RpdRestCompatibility

Name	Type	Description	Required
key	object		No

### SetRpdCompatibilityInput

Name	Type	Description	Required
compatibilityList	[ object ]		No

### QueryRpdCompatibilityInput

Name	Type	Description	Required
key	object		No

### QueryRpdCompatibilityOutput

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

### QueryRpdCompatibilityListInput

Name	Type	Description	Required
QueryRpdCompatibilityListInput	object		

**QueryRpdCompatibilityListOutput**

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

**DeleteRpdCompatibilityInput**

Name	Type	Description	Required
compatibilityKeyList	[ object ]		No

**DeleteRpdCompatibilityOutput**

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

**RFPowerConfigInput**

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

**RFPowerConfigOutput**

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

**QueryRfPowerConfigInput**

Name	Type	Description	Required
QueryRfPowerConfigInput	object		

**GetRfPowerConfigOutput**

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

**DeleteRfPowerConfigInput**

Name	Type	Description	Required
profilenames	[ string ]		No

**DeleteRfPowerConfigOutput**

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

**DeleteRfPowerConfigOutputList**

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

**TestReleaseResourcesInput**

Name	Type	Description	Required
coreUuid	string		No
rpdMacAddress	string		No

**TestInsertResourcesInput**

Name	Type	Description	Required
coreUuid	string		No
rpdConnectionInterface	string		No

**TestDeleteResourcesInput**

Name	Type	Description	Required
coreUuid	string		No

**TestDeleteInterfaceResourcesInput**

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

**TestAssignResourcesToRpdInput**

Name	Type	Description	Required
coreUuid	string		No
rpdConnectionInterface	string		No
rpdMacAddress	string		No

**DumpResourceMapOutput**

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

Name	Type	Description	Required
resourceMap	object		No
cmtsUsedResource	object		No

### SetGlobalConfigInput

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

### 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
rpdSoftwareVersionValidate	boolean		No
coreConfigPersist	boolean		No
cableDsg	boolean		No
coreConfigPersistInterval	integer		No
dynamicallyAddAdditionalCores	boolean		No
enableDecisionPendingIRA	boolean		No
decisionPendingIRAInterval	integer		No

**QueryGlobalConfigOutput**

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

**SetInstanceIdInput**

Name	Type	Description	Required
instanceId	string		No

**SetInstanceIdOutput**

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



**GetInstanceIdInput**

Name	Type	Description	Required
GetInstanceIdInput	object		

**GetInstanceIdOutput**

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

**DbExportImportStatus**

Name	Type	Description	Required
operation	string	<i>Enum:</i> "EXPORT", "IMPORT"	No
startTime	dateTime		No
currentTime	dateTime		No
state	string	<i>Enum:</i> "PENDING", "SUCCESS", "FAILED", "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: "Success", "Failure", "PartialSuccess"</i>	No
error	object		No
dbExportImportStatusList	ObjectList		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

Name	Type	Description	Required
rpAssociationCount	integer		No
principalCoreAssociationCount	integer		No
auxCoreAssociationCount	integer		No
serviceTemplateCount	integer		No
credProfileCount	integer		No

### QueryCredentialsInput

Name	Type	Description	Required
QueryCredentialsInput	object		

### QueryCredentialsOutput

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

### QueryCoreDetailsInput

Name	Type	Description	Required
ipAddressList	[ object ]		No
state	string	<i>Enum:</i> "UNKNOWN", "ONLINE", "MAINTENANCE", "NORMALOPS_PROGRESS", "RECONCILIATION_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
description	string		No
interfacesList	[ object ]		No
virtualSGs	[ object ]		No
ndfProfiles	object		No
ndrProfiles	object		No
ssdProfiles	[ object ]		No
state	string	<i>Enum:</i> "UNKNOWN", "ONLINE", "MAINTENANCE", "NORMALOPS_PROGRESS", "RECONCILIATION_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

**DpicInterface**

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

**IpMask**

Name	Type	Description	Required
ip	object		No
prefixLen	integer		No

**OOBProfiles**

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

**QueryCoreDetailsOutput**

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

**SsdProfile**

Name	Type	Description	Required
id	integer		No
name	string		No

**VirtualSG**

Name	Type	Description	Required
name	string		No
dsControllerId	string		No
slotNumber	integer		No
profileId	integer		No
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
macDomain	[ string ]		No
dscontrollers	[ string ]		No
uscontrollers	[ string ]		No

### FetchSshKeyInput

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

### FetchSshKeyOutput

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

### DeleteDpicInventoryInput

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

**DeleteDpicInventoryOutput**

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

**DeleteCoreInventoryInput**

Name	Type	Description	Required
ipAddressList	[ object ]		No

**DeleteCoreInventoryOutput**

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

**AddDpicInventoryInput**

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

**AddDpicInventoryOutput**

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

**AddCoreInventoryInput**

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

**AddCoreInventoryOutput**

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

**CoreKeyInput**

Name	Type	Description	Required
ipAddressList	[ object ]		No

**CoreReconciliationOutput**

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



**RpdReconciliationInput**

Name	Type	Description	Required
ipAddressList	[ object ]		No
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
reconciliationTime	string		No
state	string	<i>Enum:</i> "ConfigFailed", "Missing", "Identical", "Different", "ConfigDifferent"	No

Name	Type	Description	Required
presentincore	boolean		No
presentinsystem	boolean		No
configdiff	[ object ]		No
actionperforming	string		No
cliincore	string		No
cliinsystem	string		No
result	string	<i>Enum:</i> "Success", "Failed", "Skipped", "Excluded"	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:</i> "Success", "Failure", "PartialSuccess"	No
error	object		No
reportId	string		No
reportTime	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
rpdVendor	string		No
rpdModel	string		No
rpdSWVersion	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
rpdConfigurationDetailsList	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

**Version: 24.1.0**

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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	string		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:</i> <b>false</b>	Yes
reconcile	boolean	Flag to reconcile CBR-8 <i>Example:</i> <b>false</b>	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	Timestamp		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
latestDeviationReportId	string		No
createdBy	string		No
createdDate	dateTime		No
lastUpdatedBy	string		No

### DeviceHistoryNotification

Name	Type	Description	Required
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", "Defined", "Inventory", "Installed", "GcpUp", "RouterVersionIncompatible", "ConfigNotFound", "ConfigurationError", "ConfigReadError", "ResourceAllocationError", "ConfigPushError", "NotProvisioned", "Configured", "StaticRouteNotConfigured", "CableDsgNotConfigured", "GcpRedirectStarted", "GcpRedirectStartedWithException", "GcpRedirected", "GcpRedirectedWithException", "GcpRedirectError", "PartialOnline", "DeletePending", "OnlineWithException"	No



Name	Type	Description	Required
stateDetails	string		No
correctiveAction	string		No
stateChangeTime	float		No

### DeviceInfo

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

### QueryDeviceListOutput

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

### TagDetails

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

### 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 ]	IP Address 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

Name	Type	Description	Required
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

Name	Type	Description	Required
credentialProfile	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

**Version: 24.1.0**

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

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

**POST**

**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**

**Responses**

Code	Description
200	OK

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

**POST**

**Responses**

Code	Description
200	OK

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

**POST**

**Responses**

Code	Description
200	OK

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

**POST**

**Responses**

Code	Description
200	OK

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

**POST**

**Responses**

Code	Description
200	OK

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

**POST**

**Responses**



Code	Description
200	OK

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

**POST**

**Responses**

Code	Description
200	OK

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

**POST**

**Responses**

Code	Description
200	OK

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

**POST**

**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**

**Responses**

Code	Description
200	OK

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

**POST**

**Responses**

Code	Description
200	OK

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

**POST**

**Responses**

Code	Description
200	OK

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

**POST**

**Responses**

Code	Description
200	OK

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

**POST**

**Responses**

Code	Description
200	OK

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

**POST**

**Responses**

Code	Description
200	OK

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

**POST**

**Responses**

Code	Description
200	OK

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

**POST**

**Responses**

Code	Description
200	OK

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

**POST**

**Responses**

Code	Description
200	OK

**/logger/level**

**GET**

**Summary** Get logger level

**Responses**

Code	Description
200	OK

**POST**

**Summary** API to set logger level

**Responses**

Code	Description
200	OK

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

Code	Description
200	OK

**/rpdssdorch/v1/ssd-analytics/get-rpd-ssd-details-count****GET****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 keypace is clean

**Responses**

Code	Description
200	OK

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

**Summary** API to erase ssd database

**Responses**

Code	Description
200	OK

**Models****SsdCompatibilityPolicyInput**

Name	Type	Description	Required
uuid	string		No
polycyname	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	list of SsdCompatibilityPolicyOutput		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
deleteSsdPolicyObjects	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

**ShowRpdSsdDetailsOutput**

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

Name	Type	Description	Required
message	string		No
data	[ object ]		No
response	long		No

### RpdSsdAnalyticsFieldInput

Name	Type	Description	Required
macAddress	string		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	rpdsSsdProfileNameOutputList		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
fileserver	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
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
rpdsProfileList	[ 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
rpdsSsdMappingOutputList	ObjectList		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
rpdsdMappingObject	[ 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
rpMac	string		No

### DeleteRpdSsdMappingOutputList

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

Name	Type	Description	Required
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

**Status**

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



# Operations Hub Authentication API

**Version:** 1.0

**Contact information:**

Operations Hub API Support

## Security

### BasicAuth

---

basic *Basic*

---

## /loglevel

### GET

**Summary** Get HM Auth Current LogLevel

**Description** Get HM Auth Current LogLevel

### Responses

---

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

---

## Security

Security Schema	Scopes
AuthBearerHeader	

**PUT**

**Summary** Set HM Auth LogLevel

**Description** Set HM Auth LogLevel

**Parameters**

Name	Located in	Description	Required	Schema
LogLevel	body	Log Level	Yes	<a href="#">auth.LogLevel</a>

**Responses**

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

**Security**

Security Schema	Scopes
AuthBearerHeader	

**/reset-internal-user****PATCH**

**Summary** Reset internal admin user 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	<a href="#">structs.ResetPasswordRequestObj</a>

**Responses**

Code	Description	Schema
200	OK	string
400	Bad Request	string

**/v1/login/banner****GET**

**Summary** Get login banner message

**Description** Get login banner message default is in english

**Responses**

Code	Description	Schema
200	OK	<a href="#">auth.Content</a>
500	Internal Server Error	<a href="#">auth.ErrorResponse</a>

**PATCH**

**Summary** Create, update login banner message

**Description** Create, update login banner message

**Parameters**

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

**Responses**

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

**/v1/token****POST****Summary** Generate an API token if user is valid**Description** Generate an API token**Responses**

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

**Security**

Security Schema	Scopes
BasicAuth	

**DELETE****Summary** Delete access token from DB**Description** Delete access token from DB**Responses**

Code	Description	Schema
200	OK	string
400	Bad Request	string

**Security**

Security Schema	Scopes
AuthBearerHeader	

**/v1/token/fresh****POST****Summary** Refresh access and fresh token

**Description** Refresh access and fresh token

### Parameters

Name	Located in	Description	Required	Schema
Token	body	Token	Yes	<a href="#">structs.TokenRefreshReqInfo</a>

### Responses

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

### Security

Security Schema	Scopes
AuthBearerHeader	

## /v1/token/validation

### POST

**Summary** Validate access token

**Description** Check if the access token is valid

### Responses

Code	Description	Schema
200	OK	string
400	Bad Request	string

### Security

Security Schema	Scopes
AuthBearerHeader	

## Models

### auth.Content

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

### auth.ErrorResponse

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

### auth.LogLevel

Name	Type	Description	Required
Log Level	string		No

### auth.LoginBanner

Name	Type	Description	Required
content	[ <a href="#">auth.Content</a> ]		No

### structs.ResetPasswordRequestObj

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

**Responses**

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

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

**Summary** This api will export ldap configuration

**Description** This api will export ldap configuration

**Responses**

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

**/v1/identitymgmt/exportum****GET**

**Summary** This api will export all the local users

**Description** This api will export all the local users

**Responses**

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

**/v1/identitymgmt/group****GET**

**Summary** List all groups

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

### Responses

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

## /v1/identitymgmt/importldap

### POST

**Summary** This api will import ldap configuration

**Description** This api will import ldap configuration

### Parameters

Name	Located in	Description	Required	Schema
LDAP	body	LdapConfigObject	Yes	<a href="#">model.LdapConfigObject</a>

### Responses

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

## /v1/identitymgmt/importum

### POST

**Summary** This api will import UM data

**Description** This api will import UM data

### Parameters

Name	Located in	Description	Required	Schema
RBAC	body	UMExportResponse	Yes	<a href="#">model.UMExportResponse</a>

**Responses**

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

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

**Summary** This api will get the ldap configuration in SMI

**Description** This api will get the ldap configuration in SMI

**Responses**

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

**PUT**

**Summary** This api will update the ldap config in SMI

**Description** This api will update the ldap config in SMI

**Parameters**

Name	Located in	Description	Required	Schema
LDAP	body	LdapConfigObject	Yes	<a href="#">model.LdapConfigObject</a>

**Responses**

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

**POST**

**Summary** This api will add ldap configuration in SMI

**Description** This api will add ldap configuration in SMI

**Parameters**

Name	Located in	Description	Required	Schema
LDAP	body	LdapConfigObject	Yes	<a href="#">model.LdapConfigObject</a>

**Responses**

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

**DELETE**

**Summary** This api will delete the ldap config in SMI

**Description** This api will delete the ldap config in SMI

**Parameters**

Name	Located in	Description	Required	Schema
LDAP	body	LdapDeleteConfigRequest	Yes	<a href="#">model.LdapDeleteConfigRequest</a>

**Responses**

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

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

**PATCH**

**Summary** This api will update the ldap config in SMI

**Description** This api will update the ldap config in SMI

**Parameters**

Name	Located in	Description	Required	Schema
LDAP	body	LdapConfigObject	Yes	<a href="#">model.LdapConfigObject</a>

**Responses**

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

**/v1/identitygmt/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	<a href="#">model.CurrentSecurityConfig</a>

**Responses**

Code	Description	Schema
200	LDAP server successfully authenticated the user	<a href="#">model.GenericResponse</a>

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

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

### Responses

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

## /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	<a href="#">model.LogLevelRequest</a>
500	Processing Errors	<a href="#">model.GenericResponse</a>

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

**Responses**

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

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

**Summary** Change password expiry

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

**Parameters**

Name	Located in	Description	Required	Schema
RBAC	body	PasswordAgeRequest	Yes	<a href="#">model.PasswordAgeRequest</a>

**Responses**



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

## /v1/identitymgmt/password-length

### PATCH

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

**Description** New password length to update

### Parameters

Name	Located in	Description	Required	Schema
RBAC	body	ChangePasswordLengthRequest	Yes	<a href="#">model.ChangePasswordLengthRequest</a>

### Responses

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

## /v1/identitymgmt/reset-password

### PATCH

**Summary** Reset user login password.

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

### Parameters

Name	Located in	Description	Required	Schema
RBAC	body	ResetPasswordRequest	Yes	<a href="#">model.ResetPasswordRequest</a>

### Responses

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

## **/v1/identitymgmt/self-password**

### **PATCH**

**Summary** User can change self login password.

**Description** This api can be used to change self password

### **Parameters**

Name	Located in	Description	Required	Schema
RBAC	body	ChangeSelfPasswordRequest	Yes	<a href="#">model.ChangeSelfPasswordRequest</a>

### **Responses**

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

## **/v1/identitymgmt/user**

### **GET**

**Summary** List all the users.

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

### **Responses**

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

**POST**

**Summary** This api will add a new user

**Description** This api will add a new user

**Parameters**

Name	Located in	Description	Required	Schema
RBAC	body	CreateUserRequest	Yes	<a href="#">model.CreateUserRequest</a>

**Responses**

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

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

**Summary** Map user to a group

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

**Parameters**

Name	Located in	Description	Required	Schema
RBAC	body	UserGroupRequest	Yes	<a href="#">model.UserGroupRequest</a>

**Responses**

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

**PATCH**

**Summary** Remove a user from group

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

### Parameters

Name	Located in	Description	Required	Schema
RBAC	body	UserGroupRequest	Yes	<a href="#">model.UserGroupRequest</a>

### Responses

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

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

### GET

**Summary** Details of a user

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

### Parameters

Name	Located in	Description	Required	Schema
username	path	username	Yes	string

### Responses

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

### DELETE

**Summary** Delete user by username

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

**Parameters**

Name	Located in	Description	Required	Schema
username	path	username	Yes	string

**Responses**

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

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

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

Name	Type	Description	Required
length	integer		No

**model.ChangeSelfPasswordRequest**

Name	Type	Description	Required
confirm_password	string		No
current_password	string		No
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	[ <a href="#">model.LdapGroupMappingObject</a> ]		No
ldap-filter	string		No
ldap-server-url	string		No
ldap-username-domain	string		No

**model.LdapDeleteConfigRequest**

Name	Type	Description	Required
url	string		No

**model.LdapGroupMappingObject**

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

**model.LogLevelRequest**

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

**model.NewSecurityConfig**

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

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

**model.UserDetailListResponse**

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

**model.UserDetailResponse**

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

**model.UserDetails**

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

**model.UserGroupRequest**

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

# Operations Hub Tag Management API

**Version:** 1.0

**Contact information:**

Operations Hub API Support

**/v1/loglevel**

**GET**

**Summary** Get Tag management Log Level

**Description** Get Tag management Log Level

**Responses**

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

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

**Responses**

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

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

**Summary** Create tags or associate tag to entity instances.

**Description** API operations:

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

**Parameters**

Name	Located in	Description	Required	Schema
Tags	body	Entity Uuid Tag List	Yes	[ <a href="#">tag.EntityUuidTag</a> ]

**Responses**

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

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

**Summary** Delete tag object if not associated to an entity.

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

**Parameters**

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

**Responses**

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

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

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

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

**Parameters**

Name	Located in	Description	Required	Schema
Entity- Uuid- details	body	Entity Uuid details	Yes	<a href="#">tag.EntityUuid</a>

**Responses**

Code	Description	Schema
200	list of all the tags	<a href="#">tag.ApiResponse</a> & object
400	bad request	<a href="#">tag.ApplicationError</a> & object
404	not found	<a href="#">tag.ApplicationError</a>
500	internal server error	<a href="#">tag.ApplicationError</a>

**/v1/tags/export****GET****Summary** exports tag data**Description** API to export tag data**Responses**

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

**/v1/tags/import****POST****Summary** imports tag data**Description** API to import tag data**Parameters**

Name	Located in	Description	Required	Schema
Tag-Data	body	tag data	Yes	<a href="#">tag.ExportTagData</a>

### Responses

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

## /v1/tags/remove-tag-association

### POST

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

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

### Parameters

Name	Located in	Description	Required	Schema
Entity-Tag-uuid	body	Entity Tag Uuid details	Yes	<a href="#">tag.EntityTagDetails</a>

### Responses

Code	Description	Schema
200	Remove tag association from entity success	<a href="#">tag.ApiResponse</a> & object
400	bad request	<a href="#">tag.ApplicationError</a>
404	not found	<a href="#">tag.ApplicationError</a>
500	internal server error	<a href="#">tag.ApplicationError</a>

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

### GET

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

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

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

### Parameters

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

### Responses

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

## /v1/tags/{entity}

### GET

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

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

- 1) API will return all the entity instance and associated tags that were present in the server from the start to the end of a full iteration.
- 2) API will not return entity key instance and associated tag that was not present in the server from the start to the end of a full iteration.
- 3) No gaurantee that every cursor iteration will give same number of elements as the value of requested max-records but all the elements will be fetched when end of cursor is reached.
- 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	<a href="#">tag.ApiResponse</a> & object
400	bad request	<a href="#">tag.ApplicationError</a>
404	not found	<a href="#">tag.ApplicationError</a>
500	internal server error	<a href="#">tag.ApplicationError</a>

### Models

#### tag.ApiResponse

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

#### tag.ApplicationError

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

**tag.EntityTag**

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

**tag.EntityTagDetails**

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

**tag.EntityTagUuid**

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

**tag.EntityUuid**

Name	Type	Description	Required
entity	string		No

Name	Type	Description	Required
entity-uuid	[ string ]		No

**tag.EntityUuidTag**

Name	Type	Description	Required
entity-details	<a href="#">tag.EntityUuid</a>		No
tag-name	string		Yes

**tag.ExportTagData**

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

**tag.GetTagsForEntityResponse**

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

**tag.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	[ <a href="#">tag.UuidTag</a> ]		No

**tag.TagsWithUid**

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

**tag.UuidTag**

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

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

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

### /v1/alerts/groups

#### GET

**Summary** Get the Alertmanager Alert Group List

**Description** Get the list of alert groups from the Alertmanager

**Responses**

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

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

**Summary** Get the Alertmanager Alert Group

**Description** Get one alert group by group name from the Alertmanager

**Parameters**

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

**Responses**

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

**PUT**

**Summary** Set the Alertmanager Alert Group

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

**Parameters**

Name	Located in	Description	Required	Schema
name	path	Alert Group Name	Yes	string
AlertGroupbody		Alert Group Setting	Yes	<a href="#">model.AlertGroupSetInfo</a>

**Responses**

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

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

#### **Responses**

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

#### **Responses**



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

### Responses

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

## /v1/alerts/{id}

### GET

**Summary** Get the Alertmanager Alert

**Description** Get one alert by alert ID from the Alertmanager.

#### Parameters

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

#### Responses

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

### /v1/alerts/{id}/ack

#### PUT

**Summary** Ack the Alertmanager Alert

**Description** Ack one alert by alert ID to the Alertmanager.

#### Parameters

Name	Located in	Description	Required	Schema
id	path	Alert ID	Yes	string
Alert	body	Alert Ack Information	Yes	<a href="#">model.AlertSetInfo</a>

#### Responses

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

### /v1/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	<a href="#">model.AlertCommentInfo</a>

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

**Responses**

Code	Description	Schema
200	OK	<a href="#">model.AlertGetInfo</a>
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	<a href="#">model.HealthStatus</a>
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	[ <a href="#">model.PodInfo</a> ]
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	<a href="#">model.ResourceStatusResponseObject</a>
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	<a href="#">model.LogLevel</a>

**PUT****Summary** Set OpsHub KPI Alertmanagement Log Level**Description** Set OpsHub KPI Alertmanagement Log Level**Parameters**

Name	Located in	Description	Required	Schema
LogLevel	body	Log Level	Yes	<a href="#">model.LogLevel</a>

**Responses**

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

**/v1/smtp****GET****Summary** Get the Alertmanager SMTP Configuration**Description** Get the configuration for SMTP that is used to forward alerts for notifications.**Responses**

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

**PUT**

**Summary** Set the Alertmanager SMTP Configuration

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

**Parameters**

Name	Located in	Description	Required	Schema
Config	body	Alertmanager SMTP Configuration	Yes	<a href="#">model.AlertConfigSetInfo</a>

**Responses**

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

**/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	<a href="#">model.AlertConfigGetInfoV2Arr</a>
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	<a href="#">model.AlertConfigSetInfoV2Arr</a>

### Responses

Code	Description	Schema
200	OK	<a href="#">model.AlertConfigSetInfoV2Arr</a>
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	[ <a href="#">model.AlertGroupsEmailConfig</a> ]
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	[ <a href="#">model.AlertGroupsEmailConfig</a> ]

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

### 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	<a href="#">model.AlertGroupsEmailConfig</a> ]		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	<a href="#">model.AlertConfigGetInfoV2</a> ]		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	<a href="#">model.AlertGroupsEmailConfig</a> ]		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	<a href="#">model.AlertConfigSetInfoV2</a> ]		No

**model.AlertCountSummary**

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

**model.AlertCountsResponseObj**

Name	Type	Description	Required
alertSummary	<a href="#">model.AlertCountSummary</a>		No
firing	<a href="#">model.FiringAlertCountSummary</a>		No
pending	<a href="#">model.PendingAlertCountSummary</a>		No
resolved	<a href="#">model.ResolvedAlertCountSummary</a>		No

**model.AlertGetEntry**

Name	Type	Description	Required
alerts	[ <a href="#">model.AlertGetInfo</a> ]		No
limit	integer		No
offset	integer		No
total	integer		No

**model.AlertGetInfo**

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

**model.AlertGroupGetInfo**

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

Name	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	[ <a href="#">model.OrderBy</a> ]	multiple columns orderby	No

**model.AlertsResponse**

Name	Type	Description	Required
alerts	[ <a href="#">model.AlertRecords</a> ]		No
next-page-request	<a href="#">model.AlertsRequest</a>		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	[ <a href="#">model.AlertGetInfo</a> ]		No
description	string		No
not-ready-pods	[ <a href="#">model.NotReadyPods</a> ]		No
severity	string		No

**model.LogLevel**

Name	Type	Description	Required
Log Level	string		No

**model.MultipleAlertGetInfo**

Name	Type	Description	Required
failed-alert-info	[ <a href="#">model.AlertGetInfo</a> ]		No
passed-alert-info	[ <a href="#">model.AlertGetInfo</a> ]		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	[ <a href="#">model.ConfigmapsStatus</a> ]		No
daemonsets	[ <a href="#">model.DaemonsetsStatus</a> ]		No
deployments	[ <a href="#">model.DeploymentsStatus</a> ]		No
nodes	[ <a href="#">model.NodesStatus</a> ]		No

Name	Type	Description	Required
Pods	[ <a href="#">model.PodsStatus</a> ]		No
statefulsets	[ <a href="#">model.StatefulsetsStatus</a> ]		No

### **model.ResourceStatusResponseObject**

Name	Type	Description	Required
namespace	string		No
resourceStatusResponse	<a href="#">model.ResourceStatusResponse</a>		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	<a href="#">model.ApiResponse</a>
404	Not Found	<a href="#">model.ApiResponse</a>
500	Internal Server Error	<a href="#">model.ApiResponse</a>

**/v1/config/import**

**POST**

**Summary** API to import operations hub configuration

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

### Parameters

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

### Responses

Code	Description	Schema
200	OK	<a href="#">model.ApiResponse</a>
400	Bad Request	<a href="#">model.ApiResponse</a>
404	Not Found	<a href="#">model.ApiResponse</a>
500	Internal Server Error	<a href="#">model.ApiResponse</a>

## /v1/config/operation/status

### GET

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

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

### Parameters

Name	Located in	Description	Required	Schema
status_id	query	123456789	No	string

### Responses

Code	Description	Schema
200	OK	<a href="#">model.OperationStatusResponse</a>
400	Bad Request	<a href="#">model.ApiResponse</a>
404	Not Found	<a href="#">model.ApiResponse</a>
500	Internal Server Error	<a href="#">model.ApiResponse</a>

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

### Responses

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

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

**Responses**

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

**/v1/loglevel****GET****Summary** Get OpsHub Utilities Log Level**Description** Get Get OpsHub Utilities Log Level**Responses**

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

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

**Responses**



Code	Description	Schema
200	OK	<a href="#">model.LogLevel</a>
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	<a href="#">model.CsrResponseObj</a>
400	Bad Request	<a href="#">model.ApiResponse</a>
404	Not Found	<a href="#">model.ApiResponse</a>
500	Internal Server Error	<a href="#">model.ApiResponse</a>

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

### Responses

Code	Description	Schema
200	OK	<a href="#">model.CsrResponseObj</a>
400	Bad Request	<a href="#">model.ApiResponse</a>
404	Not Found	<a href="#">model.ApiResponse</a>
500	Internal Server Error	<a href="#">model.ApiResponse</a>

**DELETE**

**Summary** API to delete certificate signing request

**Description** API used to delete certificate signing request

**Responses**

Code	Description	Schema
200	OK	<a href="#">model.ApiResponse</a>
400	Bad Request	<a href="#">model.ApiResponse</a>
404	Not Found	<a href="#">model.ApiResponse</a>
500	Internal Server Error	<a href="#">model.ApiResponse</a>

**/v1/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	<a href="#">model.CsrDetailsObj</a>
400	Bad Request	<a href="#">model.ApiResponse</a>
404	Not Found	<a href="#">model.ApiResponse</a>
500	Internal Server Error	<a href="#">model.ApiResponse</a>

**/v1/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	<a href="#">model.ApiResponse</a>
400	Bad Request	<a href="#">model.ApiResponse</a>
404	Not Found	<a href="#">model.ApiResponse</a>
500	Internal Server Error	<a href="#">model.ApiResponse</a>

## /v1/security/tls

### GET

**Summary** API to get tls cetificate details

**Description** API used to get tls cetificate details

### Responses

Code	Description	Schema
200	OK	<a href="#">model.ApiResponse</a>
400	Bad Request	<a href="#">model.ApiResponse</a>
404	Not Found	<a href="#">model.ApiResponse</a>
500	Internal Server Error	<a href="#">model.ApiResponse</a>

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

**/v1/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	[ <a href="#">model.SSHProfileGetInfo</a> ]
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	<a href="#">model.SSHProfileSetInfo</a>

**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_remote	body	SSH profile and remote server details	Yes	<a href="#">model.SSHProfileRemote</a>

### 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	<a href="#">model.SSHProfileGetInfo</a>
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	<a href="#">model.SSHProfileSetInfo</a>

## 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	<a href="#">model.StringResponse</a>
500	Internal Server Error	<a href="#">model.ErrorResponse</a>

**/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	<a href="#">model.Tac</a>
400	Bad Request	<a href="#">model.ErrorResponse</a>
422	Unprocessable Entity	<a href="#">model.ErrorResponse</a>
500	Internal Server Error	<a href="#">model.ErrorResponse</a>

**/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	<a href="#">model.StringResponse</a>
400	Bad Request	<a href="#">model.ErrorResponse</a>
404	Not Found	<a href="#">model.ErrorResponse</a>
422	Unprocessable Entity	<a href="#">model.ErrorResponse</a>
500	Internal Server Error	<a href="#">model.ErrorResponse</a>

## /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	<a href="#">model.StringResponse</a>
400	Bad Request	<a href="#">model.ErrorResponse</a>
404	Not Found	<a href="#">model.ErrorResponse</a>
422	Unprocessable Entity	<a href="#">model.ErrorResponse</a>

Code	Description	Schema
500	Internal Server Error	<a href="#">model.ErrorResponse</a>

## /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	<a href="#">model.TacInfo</a>
404	Not Found	<a href="#">model.ErrorResponse</a>
500	Internal Server Error	<a href="#">model.ErrorResponse</a>

## /v1/tac/list

### GET

**Summary** list tac debug packages

**Description** Get the list of tac debug packages available

### Responses

Code	Description	Schema
200	OK	<a href="#">model.ListTac</a>
500	Internal Server Error	<a href="#">model.ErrorResponse</a>

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

Code	Description	Schema
200	OK	<a href="#">model.StatusTac</a>
500	Internal Server Error	<a href="#">model.ErrorResponse</a>

**/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”

“criteria” 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 “&lt;”, “&gt;”, “&lt;=”, “&gt;=”, “=”, “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	<a href="#">elastic.ElasticQuerySuperset</a>

**Responses**

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

**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	[ <a href="#">elastic.OrderBy</a> ]		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. <code>http.StatusOK // 200</code>	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	<a href="#">model.ClusterInformation</a>		No
organisation_info	<a href="#">model.OrganisationInformation</a>		No

**model.CsrResponseObj**

Name	Type	Description	Required
csr_response_obj	string		No

**model.ElasticDocumentsKeywordFilter**

Name	Type	Description	Required
column_filter	<a href="#">model.ColumnFilterObj</a>		No
index	string		No
limit	integer		No
offset	integer		No

**model.ElasticTimeAndKeywordFilter**

Name	Type	Description	Required
column_filter	<a href="#">model.ColumnFilterObj</a>		No
index	string		No
time_range	<a href="#">model.TimeRangeObj</a>		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	<a href="#">model.LogLevel</a>

### PUT

**Summary** Set Scheduler Log Level

**Description** SetScheduler Log Level

### Parameters

Name	Located in	Description	Required	Schema
LogLevel	body	Log Level	Yes	<a href="#">model.LogLevel</a>

### Responses

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

## **/v1/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	<a href="#">model.Schedule</a>

### **Responses**

Code	Description	Schema
200	OK	<a href="#">model.ApiResponse</a>
400	Bad Request	<a href="#">model.StringErrorResponse</a>
404	Not Found	<a href="#">model.StringErrorResponse</a>
500	Internal Server Error	<a href="#">model.StringErrorResponse</a>

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

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

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

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

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

## Responses

Code	Description	Schema
200	OK	<a href="#">model.ApiResponse</a>
400	Bad Request	<a href="#">model.StringErrorResponse</a>
404	Not Found	<a href="#">model.StringErrorResponse</a>
500	Internal Server Error	<a href="#">model.StringErrorResponse</a>

## Models

### model.APITaskConfig

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

### model.ApiResponse

Name	Type	Description	Required
code	integer	add response status code e.g. <code>http.StatusOK // 200</code>	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 <code>http.StatusText(http.StatusOK)</code>	No

### model.CronSchedule

Name	Type	Description	Required
cronExpression	string		No

**model.CyclicalSchedule**

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

**model.DiscreteTimeSchedule**

Name	Type	Description	Required
intervals	[ string ]		No

**model.HeaderMap**

Name	Type	Description	Required
model.HeaderMap	object		

**model.ListScheduleConfig**

Name	Type	Description	Required
scheduleTaskConfig	<a href="#">model.ScheduleTaskDbConfig</a> ]		Yes

**model.LogLevel**

Name	Type	Description	Required
Log Level	string		No

**model.MessageTaskConfig**

Name	Type	Description	Required
headers	<a href="#">model.HeaderMap</a>		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	<a href="#">model.ScheduleConfig</a>	Required: true	Yes
taskConfig	<a href="#">model.TaskList</a>	Required: true	Yes

**model.ScheduleConfig**

Name	Type	Description	Required
ConcurrentExecution	boolean		No
cronScheduleConfig	<a href="#">CronScheduleConfig</a>		No
cyclicalScheduleConfig	<a href="#">CyclicalScheduleConfig</a>		No
discreteTimeScheduleConfig	<a href="#">DiscreteTimeScheduleConfig</a>		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_status	string	Enum: "Scheduled", "Successful", "Failed"	No
last_trigger_time	string		No
next_trigger	string		No
scheduleConfig	<a href="#">model.ScheduleConfig</a>		No
schedule_id	integer		No

Name	Type	Description	Required
timeInitiated	string		No
timeUpdated	string		No
trigger_user	string		No
trigger_user_string	string		No

#### **model.ScheduleTaskDbConfig**

Name	Type	Description	Required
scheduleConfig	<a href="#">model.ScheduleDbConfig</a>		Yes
tasks	[ <a href="#">model.TaskDbConfig</a> ]		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	<a href="#">model.APITaskConfig</a>		No
messagingTask	<a href="#">model.MessageTaskConfig</a>		No
taskData	<a href="#">model.TaskCommonConfig</a>		Yes

#### **model.TaskDbConfig**

Name	Type	Description	Required
schedule_id	integer		No
taskConfigData	<a href="#">model.TaskConfig</a>		No
task_id	integer		No

**model.TaskExecutionDbStatus**

Name	Type	Description	Required
id	integer		No
status	<a href="#">model.TaskExecutionStatus</a>		No

**model.TaskExecutionStatus**

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

**model.TaskExecutionStatusAll**

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

**model.TaskList**

Name	Type	Description	Required
taskList	[ <a href="#">model.TaskConfig</a> ]		Yes

**model.UpdateScheduleConfig**

Name	Type	Description	Required
scheduleConfig	<a href="#">model.ScheduleConfig</a>		Yes
scheduleID	integer		Yes
tasks	[ <a href="#">model.UpdateTaskConfig</a> ]		No

**model.UpdateTaskConfig**

Name	Type	Description	Required
taskConfigData	<a href="#">model.TaskConfig</a>		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	<a href="#">model.ConfigureServerUrl</a>

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

**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	<a href="#">model.CancelReservationItem</a>
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	<a href="#">model.InstallKeyReqObj</a>

**Responses**

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

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	<a href="#">model.InstallConfirmationCodeItem</a>
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	<a href="#">model.RequestCodeItem</a>
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	<a href="#">model.ReturnReqObj</a>

### Responses

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

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

**/v1/loglevel****GET****Summary** Get Log Level**Description** Get Log Level**Responses**

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

**PUT****Summary** Set Log Level**Description** Set Log Level**Parameters**

Name	Located in	Description	Required	Schema
LogLevel	body	Log Level	Yes	<a href="#">model.LogLevel</a>

**Responses**

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



**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