

REST API CLI REFERENCE DOC FOR CONFIGURATION DATA

There will be 2 types of APIs here: set of APIs that read the configuration data and a set of APIs that allow you to add/modify a selected set of configuration information.

REST API Security Implementation

- **Admin(Except system user) Group Users** have access to **GET, POST** Rest API.
- **Web Service Client Group** have access to **GET** Rest API.
- **As of best practice, end user SOM Rest API should create separate user with Admin and Web Service Client Role to access Rest API.**

Data collection settings:

1. Resource Name:

config/dataCollectionPolicies

Request Url:

URL: <http://localhost:port/som-ws/config/dataCollectionPolicies>

Support Method:

GET , POST(Create New Policy)

Parameter:

GET:

NA

POST:

DataType	ParameterName
String	policyName;
Int	priority;
long	timeoutInMinutes;
boolean	active;
long	freshness;
String	includeInfrastructureDetails;
String	includeBackupDetails;
String	description;
List<String>	nodeGroupId;

Request Content:

JSON(for POST Method Call)

Example:

Response Content:

xml/json

Pagination Support:

YES

Example: <http://localhost:port/som-ws/rs/config/dataCollectionPolicies?offset=0&limit=20>

Description:

This API returns DataCollection Policy details with following Properties For GET Call

- `persistenceId`
- `policyName;`
- `priority;`
- `timeoutInMinutes;`
- `active;`
- `freshness;`
- `includeInfrastructureDetails;`
- `includeBackupDetails;`
- `description;`
- `nodeGroupId;`
- `nodeGroupName;`
- `links`

2. Resource Name:

config/dataCollectionPolicies/{id}

Request Url:

URL: <http://localhost:port/som-ws/config/dataCollectionPolicies/{id}>

Support Method:

GET , POST(Update/Modify Existing Policy)

Parameter:**GET:**

NA

POST:

Data Type	ParameterName
String	<code>policyName;</code>
Int	<code>priority;</code>
Long	<code>timeoutInMinutes;</code>
Boolean	<code>active;</code>
long	<code>freshness;</code>

```
String      includeInfrastructureDetails;  
String      includeBackupDetails;  
String      description;  
List<String> nodeGroupId;  
List<String> nodeGroupName;
```

Request Content:

JSON(for POST Method Call)

Response Content:

xml/json

Description:

This API returns Particular DataCollection Policy details with following Properties For GET Call

- persistenceId
- policyName;
- priority;
- timeoutInMinutes;
- active;
- freshness;
- includeInfrastructureDetails;
- includeBackupDetails;
- description;
- nodeGroupId;
- nodeGroupName;
- links

3. Resource Name:

config/blackoutPeriods

Request Url:

URL: http://localhost:port/som-ws/config/blackoutPeriods

Support Method:

GET

Parameter:**GET:**

NA

Request Content:

NA

Response Content:

xml/json

Description:

This API returns BlackoutPeriods details with following Properties:

- `id;`
- `name;`
- `uuid;`
- `basedate;`
- `daysoftheweek;`
- `duration;`
- `endhour;`
- `endminute;`
- `endtime;`
- `starthour;`
- `startminute;`
- `starttime;`
- `schedules;`
- `recurrence;`
- `monday;`
- `tuesday;`
- `wednesday;`
- `thursday;`
- `friday;`
- `saturday;`
- `sunday;`
- `links;`

4. Resource Name:

config/blackoutPeriods/{id}

Request Url:

URL: <http://localhost:port/som-ws/config/blackoutPeriods/{id}>

Support Method:

GET

Parameter:

GET:

NA

Request Content:

NA

Response Content:

xml/json

Description:

This API returns Particular BlackoutPeriods details with following Properties:

- `id;`
- `name;`
- `uuid;`
- `basedate;`
- `daysoftheweek;`
- `duration;`
- `endhour;`
- `endminute;`
- `endtime;`
- `starthour;`
- `startminute;`
- `starttime;`
- `schedules;`
- `recurrence;`
- `monday;`
- `tuesday;`
- `wednesday;`
- `thursday;`
- `friday;`
- `saturday;`
- `sunday;`
- `links;`

5. Resource Name:

config/dataCollectionControlSettings

Request Url:

URL: <http://localhost:port/som-ws/config/dataCollectionControlSettings>

Support Method:

GET

Parameter:

GET:

NA

Request Content:

NA

Response Content:

xml/json

Description:

This API returns dataCollectionControlSettings details with following Properties:

- `persistanceId;`
- `deviceProfileKey;`
- `deviceProfileName;`
- `description;`
- `dclevel;`
- `links`

Monitoring Settings:

1. Resource Name:

config/monitoringPolicies

Request Url:

URL: <http://localhost:port/som-ws/config/monitoringPolicies>

Support Method:

GET,POST(Create Monitoring Policy)

Parameter:

GET:

NA

POST:

Data Type	ParameterName
String	<code>uuid;</code>
Boolean	<code>active;</code>
String	<code>description;</code>
Int	<code>hiddenProperty;</code>
String	<code>policyName;</code>
int	<code>priority;</code>
long	<code>scheduleIntervalInMinutes;</code>
List<String>	<code>nodeGroupId;</code>
List<String>	<code>monitoringGroupId;</code>

Request Content:

NA

Response Content:

xml/json

Description:

This API returns Monitoring Policy details with following Properties for GET call:

- `persistenceId;`
- `uuid;`
- `active;`
- `description;`
- `hiddenProperty;`
- `policyName;`
- `priority;`
- `scheduleIntervalInMinutes;`
- `nodeGroupId;`
- `monitoringGroupId;`
- `links;`

2. Resource Name:

config/monitoringPolicies/{id}

Request Url:

URL: <http://localhost:port/som-ws/config/monitoringPolicies/{id}>

Support Method:

GET,POST(Update/Modify Existing Monitoring Policy)

Parameter:**GET:**

NA

POST:

DataType	ParameterName
String	<code>uuid;</code>
Boolean	<code>active;</code>
String	<code>description;</code>
Int	<code>hiddenProperty;</code>
String	<code>policyName;</code>
int	<code>priority;</code>
long	<code>scheduleIntervalInMinutes;</code>
List<String>	<code>nodeGroupId;</code>
List<String>	<code>monitoringGroupId;</code>

Request Content:

JSON(for POST Method Cal)

Response Content:

xml/json

Description:

This API returns particular Monitoring Policy details with following Properties for GET cal:

- `persistenceId;`
- `uuid;`
- `active;`
- `description;`
- `hiddenProperty;`
- `policyName;`
- `priority;`
- `scheduleIntervalInMinutes;`
- `nodeGroupId;`
- `monitoringGroupId;`
- `links;`

3. Resource Name:

config/monitoringGroups

Request Url:

URL: <http://localhost:port/som-ws/config/monitoringGroups>

Support Method:

GET

Parameter:

GET:

NA

Request Content:

NA

Response Content:

xml/json

Description:

This API returns monitoring group settings details with following Properties:

- `uuid;`
- `persistenceId;`
- `description;`
- `name;`
- `links;`
- `totalMonitoringGroupsCount;`

4. Resource Name:

config/monitoringSchedules

Request Url:

URL: <http://localhost:port/som-ws/config/monitoringSchedules>

Support Method:

GET

Parameter:

GET:

NA

Request Content:

NA

Response Content:

xml/json

Description:

This API returns monitoring schedule details with following Properties:

- `providerName;`
- `observerName;`
- `observerPolicyName;`
- `nextRunTime;`
- `scheduleInterval;`

Node groups:

1. Resource Name:

config/nodeGroups

Request Url:

URL: <http://localhost:port/som-ws/config/nodeGroups>

Support Method:

GET

Parameter:**GET:**

NA

Request Content:

NA

Response Content:

xml/json

Description:

This API returns Node Groups details with following Properties:

- `persistenceId;`
- `name;`
- `uuId;`
- `notes;`
- `overallStatus;`
- `calculateStatus;`
- `links;`

2. Resource Name:

config/nodeGroups/{id}

Request Url:

URL: <http://localhost:port/som-ws/config/nodeGroups/{id}>

Support Method:

GET

Parameter:**GET:**

NA

Request Content:

NA

Response Content:

xml/json

Description:

This API returns particular Node Groups details with following Properties:

- `persistenceId;`
- `name;`
- `uuId;`
- `notes;`
- `overallStatus;`
- `calculateStatus;`
- `links;`

3. Resource Name:

`config/nodeGroups/{id}/elements`

Request Url:

URL: <http://localhost:port/som-ws/config/nodeGroups/{id}/elements>

Support Method:

GET

Parameter:

GET:

NA

Request Content:

NA

Response Content:

xml/json

Description:

This API returns elements that are part of node group identified by {id} with following Properties:

- `lastContacted;`
- `lastCollectionDuration;`
- `collectible;`
- `isQuarantined;`
- `elementTypeString;`
- `nodeUUID;`
- `persistenceID;`
- `cimInstancePath;`
- `cimClassName;`
- `providerName;`

- `displayName;`
- `elementCustomName;`
- `elementUUID;`
- `deviceFamilyLabel;`
- `deviceProfile;`
- `deviceFamily;`
- `discoveryIPAddress;`

Rule Based Inference:

1. Resource Name:

`config/hostInferenceRules`

Request Url:

URL: <http://localhost:port/som-ws/config/hostInferenceRules>

Support Method:

GET

Parameter:

GET:

NA

Request Content:

NA

Response Content:

xml/json

Description:

This API returns host inference rules details with following Properties:

- `persistenceId;`
- `uuid;`
- `addToDiscoveryAddress;`
- `lastRun;`
- `regularExpression;`
- `ruleDescription;`
- `ruleName;`

- `rulepriority;`
- `runAfetrCollection;`
- `scope;`
- `links;`
- `totalHostInferenceRuleCount;`

2. Resource Name:

`config/hostInferenceRules/{id}`

Request Url:

URL: <http://localhost:port/som-ws/config/hostInferenceRules/{id}>

Support Method:

GET

Parameter:

GET:

NA

Request Content:

NA

Response Content:

xml/json

Description:

This API returns particular host inference rules details with following Properties:

- `persistenceId;`
- `uuid;`
- `addToDiscoveryAddress;`
- `lastRun;`
- `regularExpression;`
- `ruleDescription;`
- `ruleName;`
- `rulepriority;`
- `runAfetrCollection;`
- `scope;`
- `links;`
- `totalHostInferenceRuleCount;`

3. Resource Name:

`config/hostInferenceRules/{id}/hosts`

Request Url:

URL: <http://localhost:port/som-ws/config/hostInferenceRules/{id}/hosts>

Support Method:

GET

Parameter:**GET:**

NA

Request Content:

NA

Response Content:

xml/json

Description:

This API returns hosts inferred using host inference rule {id} details with following Properties:

- `displayName;`
- `cimInstancePath;`
- `dnsName;`
- `description;`
- `model;`
- `cluster;`
- `identifyingInfo;`
- `totalPhysicalMemory;`
- `processorCount;`
- `processorType;`
- `recordCreated;`
- `ipAddress;`
- `serialNumber;`
- `oSVersion;`
- `clusterVersion;`
- `cIMExtensionVersion;`
- `operatingSystem;`
- `virtualServer;`
- `virtualMachine;`
- `vmToolStatus;`
- `identifyingDescription;`
- `collectionStatus;`
- `vendor;`
- `virtualMachineState;`
- `persistenceId;`
- `providerName;`
- `dataCenterMORID;`

- `totalHostCount;`
- `links;`
- `dataCenterName;`
- `dataCenterMORId;`

Licensing:

1. Resource Name:

`config/licenseConsumption`

Request Url:

URL: `http://localhost:port/som-ws/config/licenseConsumption`

Support Method:

`GET`

Parameter:

GET:

`NA`

Request Content:

`NA`

Response Content:

`xml/json`

Description:

This API returns license consumption details with following Properties:

- `uuid;`
- `persistenceId;`
- `licenseType;`
- `mapFree;`
- `mapUsed;`
- `mapTotal;`
- `perfFree;`
- `perfTotal;`
- `perfUsed;`
- `valid;`
- `links;`
- `totalLicenseCount;`

2. Resource Name:

`config/performanceLicense/devices`

Request Url:

URL: <http://localhost:port/som-ws/config/performanceLicense/devices>

Support Method:

GET

Parameter:**GET:**

NA

Request Content:

NA

Response Content:

xml/json

Description:

This API returns license consumption details with following Properties:

- displayName;
- [persistenceId](#);
- deviceType;
- uuid;
- [links](#);

Storage tiers:**1. Resource Name:**

config/storageTierDefinitions

Request Url:

URL: <http://localhost:port/som-ws/rs/config/storageTierDefinitions>

Support Method:

GET

Parameter:**GET:**

offset, limit

Request Content:

NA

Response Content:

xml/json

Description:

This API returns storage Tier details with following Properties:

`id;`
`tierName;`
`createdTime;`
`lastModifiedTime;`
`lastRunTime;`
`storageSystemType;`
`offering;`
`costPerGB;`
`runStatus;`
`priority;`
`desc;`
`active;`
`links; (list type)`

2. Resource Name:

config/storageTierDefinitions/{id}

Request Url:

URL: <http://localhost:port/som-ws/rs/config/storageTierDefinitions/{id}>

Support Method:

GET

Parameter:

GET:

NA

Request Content:

NA

Response Content:

xml/json

Description:

This API returns particular Storage Tier details with following Properties:

`id;`
`tierName;`
`createdTime;`
`lastModifiedTime;`

```
lastRunTime;  
storageSystemType;  
offering;  
costPerGB;  
runStatus;  
priority;  
desc;  
active;  
links; (list type )
```

3. Resource Name:

config/storageTierDefinitions/{id}/members

Request Url:

URL: <http://localhost:port/som-ws/rs/config/storageTierDefinitions/{id}/members>

Support Method:

GET

Parameter:

GET:

Offset,limit

Request Content:

NA

Response Content:

xml/json

Description:

This API returns Storage Tier Member details with following Properties:

```
PersistenceID;  
storageTierId;  
elementId;  
elementType;  
elementName;  
isManuallyAdded;  
links;
```

DISCOVERY CREDENTIALS:-

1. Resource Name:

discoveryCredentials

Request Url:

<https://localhost:port/som-ws/rs/config/discoveryCredentials>

Support Method:

GET, POST

Parameter:

GET: offset and limit((by default offset=0 and limit=100))

POST:

DataType	ParameterName
String	name;
String	usreName;
String	password;

Request Content:

GET : NA

POST : In form of Json String

Example:

```
String discoveryCredentials = "{\" name \":\" som\\\", \" usreName \":\"som\\\", \" password \":\"som\\\"}";
```

Response Content:

xml/json

Pagination Support:

YES

Example: <https://localhost:port/som-ws/rs/config/discoveryCredentials?offset=0&limit=20>

Description:

For POST: This API create a new discovery Credentials Object.

For GET:

This API returns all discovery Credentials details with following Properties:

- `name;`
- `userName;`
- `password;`
- `uuid;`
- `persistenceId;`
- `version;`
- `links;`
- `totaldiscoveryCredentialCount;`

Example:

```
{
  "name": "",
  "version": "",
  "password": "",
  "userName": "",
  "uuid": "",
  "persistenceId": "",
  "links": [
    {
      "href": "",
      "rel": ""
    },
    {
      "href": "",
      "rel": ""
    }
  ],
  "totaldiscoveryCredentialCount":
}
```

2. Resource Name:

discoveryCredential/{id}

Request Url:

<https://localhost:port/som-ws/rs/config/discoveryCredentials/{id}>

Support Method:

GET, POST

Parameter:

POST: name, usreName and password.

DataType	ParameterName
String	name;
String	usreName;
String	password;

GET: NA

Request Content:

GET : NA

POST : In form of Json String

Example:

```
String discoveryCredentials = "{\" name \":\" som\", \" usreName \":\"som\", \" password \":\"som\"}";
```

Response Content:

xml/json

Description:

For POST: This API Update a existing discovery Credentials Object identified by {id}.

For GET:

This API returns particular discovery Credentials details identified by {id} with following Properties:

- name;
- userName;
- password;
- uuid;
- persistenceId;
- version;
- links;
- totaldiscoveryCredentialCount;

3. Resource Name:

discoveryCredentials/{id}/discoveryAddresses

Request Url:

<https://localhost:port/som-ws/rs/config/discoveryCredentials/{id}/discoveryAddresses>

Support Method:

GET

Parameter:

NA

Request Content:

NA

Response Content:

xml/json

Description:

This API returns all discovery Addresses details for discovery Credentials identified by {id} with following Properties:

- `persistenceId;`
- `uuid;`
- `comment;`
- `discoverImmediately;`
- `tenant;`
- `ipAddress;`
- `status;`
- `discoveryCredentialId;`
- `links;`
- `totaldiscoveryAddressCount;`
- `credentialName;`
- `discoveryHint;`

Example:

```
{
  "comment": "",
  "discoveryHint": "",
  "uuid": "",
  "status": "",
  "ipAddress": "",
  "persistenceId": "",
  "tenant": "",
  "links": [
    {
      "href": "",
```

```

        "rel": ""
    }
],
"discoverImmediately":,
"discoveryCredentialId": "",
"totaldiscoveryAddressCount":,
"credentialName":
}

```

DISCOVERY ADDRESSES:-

1. Resource Name:

discoveryAddresses

Request Url:

<https://localhost:port/som-ws/rs/config/discoveryAddresses>

Support Method:

GET, POST

Parameter:

GET: offset and limit((by default offset=0 and limit=100))

POST:

DataType	ParameterName
String	ipAddress;
String	credentialName;
String	tenant;
String	discoveryHint;
String	comment;

Request Content:

GET : NA

POST : JSON

Example:

```
String discoveryAddresses = "{\" ipAddress \": \"som\", \" credentialName \": \"som\", \" tenant \": \"Default Tenant\", \" discoveryHint \": \" HP 3Par - SMI-S \", \" comment \": \"som\"}";
```

Response Content:

xml/json

Pagination Support:**For GET : YES**

Example: <https://localhost:port/som-ws/rs/config/discoveryAddresses?offset=0&limit=20>

For POST : NO**Description:**

For POST: This API create a new discovery Address Object.

For GET:

This API returns all discovery Addresses details with following Properties:

- `persistenceId;`
- `uuid;`
- `comment;`
- `discoverImmediately;`
- `tenant;`
- `ipAddress;`
- `status;`
- `discoveryCredentialId;`
- `links;`
- `totaldiscoveryAddressCount;`
- `credentialName;`
- `discoveryHint;`

Example:

```
{  
  "comment": "",  
  "discoveryHint": ,  
  "uuid": "",  
  "status": " ",  
  "ipAddress": "",  
  "persistenceId": "",  
  "tenant": " ",
```



```

"links": [
  {
    "href": "",
    "rel": ""
  },
  {
    "href": "",
    "rel": ""
  }
],
"discoverImmediately":,
"discoveryCredentialId": "",
"totaldiscoveryAddressCount":,
"credentialName": ""
},

```

2. Resource Name:

discoveryAddresses/{id}

Request Url:

<https://localhost:port/som-ws/rs/config/discoveryAddresses/{id}>

Support Method:

GET, POST

Parameter:

GET: NA

POST: ipAddress, credentialName, tenant, discoveryHint, comment

Data Type	Parameter Name
String	ipAddress;
String	credentialName;
String	tenant;
String	discoveryHint;

String comment;

Request Content:

GET : NA

POST : JSON

Example:

```
String discoveryAddresses = "{\" ipAddress \": \"som\", \" credentialName \": \"som\", \" tenant \": \"Default Tenant\", \" discoveryHint \": \" HP 3Par - SMI-S \", \" comment \": \"som\"}";
```

Response Content:

xml/json

Description:

For POST: This API Update an existing discovery Address Object identified by{id}.

For GET:

This API returns particular discovery Addresses details identified by{id} with following Properties:

- persistenceId;
- uuid;
- comment;
- discoverImmediately;
- tenant;
- ipAddress;
- status;
- discoveryCredentialId;
- links;
- totaldiscoveryAddressCount;
- credentialName;
- discoveryHint;

3. Resource Name:

discoveryAddresses/{id}/discoveredElements

Request Url:

<https://localhost:port/som-ws/rs/config/discoveryAddresses/{id}/discoveredElements>

Support Method:

GET

Parameter:

NA

Request Content:

NA

Response Content:

xml/json

Description:

This API returns all discovered Elements details for discovery Addresses identified by{id} with following Properties:

```
{
  "links":,
  "hostResponseDtoList": [
    {
      "displayName": " ",
      "serialNumber": "",
      "description": " ",
      "providerName": " ",
      "processorType":,
      "vmToolStatus":,
      "cluster":,
      "cimInstancePath": "",
      "collectionStatus": "",
      "oSVersion": " ",
      "virtualServer":,
      "model": "",
      "dataCenterName":,
      "dataCenterMORID":,
      "totalPhysicalMemory":,
      "virtualMachine":,
      "processorCount":,
```

```
"operatingSystem": "",
"clusterVersion":,
"dnsName": "",
"recordCreated":,
"iPAddress": "",
"vendor": "",
"persistenceId": "",
"links":,
"identifyingInfo":,
"cIMExtensionVersion": "",
"identifyingDescription": "",
"virtualMachineState":,
"dataCenterMORId":,
"totalHostCount":
},
{
  "displayName": " ",
  "serialNumber": "",
  "description": "",
  "providerName": " ",
  "processorType":,
  "vmToolStatus":,
  "cluster":,
  "cimInstancePath": "",
  "collectionStatus": "",
  "oSVersion": "",
  "virtualServer":,
  "model": "",
```

```
    "dataCenterName": ,
    "dataCenterMORID": ,
    "totalPhysicalMemory": ,
    "virtualMachine": ,
    "processorCount": ,
    "operatingSystem": "",
    "clusterVersion": ,
    "dnsName": "",
    "recordCreated": ,
    "ipAddress": "",
    "vendor": "",
    "persistenceId": "",
    "links": null,
    "identifyingInfo": ,
    "cimExtensionVersion": "",
    "identifyingDescription": "",
    "virtualMachineState": ,
    "dataCenterMORId": ,
    "totalHostCount":
  }
],
"storageSystemResponseDtoList": [],
"switchResponseDtoList": [],
"fabricResponseDtoList": []
```

4. Resource Name:

discoveryRanges

Request Url:

<https://localhost:port/som-ws/rs/config/discoveryRanges>

Support Method:

GET

Parameter:

NA

Request Content:

NA

Response Content:

xml/json

Description:

This API returns all discovery Ranges details with following Properties:

- `lowIpAddress;`
- `highIpAddress;`
- `host;`
- `range;`
- `persistenceId;`
- `uuid;`
- `comment;`
- `discoverImmediately;`
- `tenant;`
- `status;`
- `discoveryCredentialId;`
- `links;`
- `totaldiscoveryRangeCount;`

5. Resource Name:

discoveryRanges/{id}

Request Url:

<https://localhost:port/som-ws/rs/config/discoveryRanges/{id}>

Support Method:

GET

Parameter:

NA

Request Content:

NA

Response Content:

xml/json

Description:

This API returns particular discovery Ranges details identified by{id} with following Properties:

- `lowIpAddress;`
- `highIpAddress;`
- `host;`
- `range;`
- `persistenceId;`
- `uuid;`
- `comment;`
- `discoverImmediately;`
- `tenant;`
- `status;`
- `discoveryCredentialId;`
- `links;`
- `totaldiscoveryRangeCount;`

6. Resource Name:

tenants

Request Url:

<https://localhost:port/som-ws/rs/config/tenants>

Support Method:

GET

Parameter:

NA

Request Content:

NA

Response Content:

xml/json

Description:

This API returns all tenants details with following Properties:

- `persistenceId`;
- `uuid`;
- `version`;
- `description`;
- `name`;
- `totalTenantCount`;
- `links`;

Example:

```
{
  "name": "",
  "version": ,
  "description": "",
  "uuid": "",
  "persistenceId": "",
  "links": [
    {
      "href": "",
      "rel": ""
    },
    {
      "href": "",
      "rel": ""
    }
  ],
  "totalTenantCount":
}
```

7. Resource Name:

`tenants/{id}`

Request Url:

<https://localhost:port/som-ws/rs/config/tenants/{id}>

Support Method:

GET

Parameter:

NA

Request Content:

NA

Response Content:

xml/json

Description:

This API returns particular tenants details identified by {id} with following Properties:

- `persistenceId;`
- `uuid;`
- `version;`
- `description;`
- `name;`
- `totalTenantCount;`
- `links;`

8. Resource Name:

tenants/{id}/elements

Request Url:

<https://localhost:port/som-ws/rs/config/tenants/{id}/elements>

Support Method:

GET

Parameter:

NA

Request Content:

NA

Response Content:

xml/json

Description:

This API returns all elements details for tenants identified by {id} with following Properties:

```
{
  "links":,
  "hostResponseDtoList": [
    {
      "displayName": "",
      "serialNumber":,
      "description": "",
      "providerName": "",
      "processorType":,
      "vmToolStatus":,
      "cluster":,
      "cimInstancePath": "",
      "collectionStatus": "",
      "oSVersion":,
      "virtualServer":,
      "model":,
      "dataCenterName":,
      "dataCenterMORID":,
      "totalPhysicalMemory":,
      "virtualMachine":,
      "processorCount":,
      "operatingSystem":,
      "clusterVersion":,
      "dnsName": "",
      "recordCreated":,
      "iPAddress": "",
      "vendor":,
```

```
"persistenceId": "",
"links":,
"identifyingInfo":,
"cIMExtensionVersion":,
"identifyingDescription":,
"virtualMachineState":,
"dataCenterMORId":,
"totalHostCount":
},
],
"storageSystemResponseDtoList": [
{
"displayName": "",
"serialNumber": "",
"description": "",
"providerName": "",
"providerTag": "",
"ipaddress":,
"cimInstancePath": "",
"uuid": "",
"status":,
"model": "",
"dkcMicrocodeVersion":,
"hardwareVersion": "",
"iPAddress":,
"vendor": "",
"persistenceId": "",
"links":,
```

```
        "totalStorageSystemCount":
    },
],
"switchResponseDtoList": [
    {
        "displayName": "",
        "virtual":,
        "providerName": "",
        "ipaddress": "",
        "dnsname": "",
        "wwn": "",
        "managementURL":,
        "domainId": ,
        "fcnetAddress":,
        "fcnetMask":,
        "ipnetMask":,
        "cimInstancePath": "",
        "fabricID": "",
        "switch_state": "",
        "ipGateWay":,
        "uuid":,
        "status": "",
        "model": "",
        "role": "",
        "manufactureDate":,
        "hardwareZoningCapabilities":,
        "softwareZoningCapabilities":,
        "maxNumberOfModules": ,
    }
]
```

```
    "currentZoningEnforcement": ,
    "manufacturerSerialNumber": "",
    "vendorSerialNumber": "",
    "firmwareVersion": "",
    "vendor": "",
    "persistenceId": "",
    "links": ,
    "last_contacted": ,
    "parentPersistenceId": "",
    "totalSwitchCount":
  },
],
"fabricResponseDtoList": [
  {
    "displayName": "",
    "providerName": "",
    "wwn": "",
    "cimInstancePath": "",
    "fabricName": ,
    "uuid": ,
    "vendor": ,
    "persistenceId": "",
    "links": ,
    "virtualFabricId": ,
    "totalFabricsCount":
  },
]
}
```

