

## Inventory

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## Status

The following table details the API Response code, status and, the HTTPS methods.

Status Code	Status	API's HTTPS Method or HTTPS Method
200	OK	GET
202	Accepted	POST PUT DELETE
400	Bad Request	GET POST PUT DELETE

<b>Status Code</b>	<b>Status</b>	<b>API's HTTPS Method or HTTPS Method</b>
401	Unauthorized	GET POST PUT DELETE
403	Forbidden	GET POST PUT DELETE
404	Not Found	GET POST PUT DELETE
405	Method Not Allowed	GET POST PUT DELETE
500	Internal Server Error	GET POST PUT DELETE

## Get Fabrics

**Resource Name** /san/ getFabricWithSnmptail\_fromDB

**Description** Enables to discover fabrics.

**https Method** GET

**URL** https://dcnm-ip/fm/fmrest/san/getFabricWithSnmptail\_fromDB

**Parameter**

Parameter	Type	Description
NA	NA	NA

**Return Value**

Format: JSON

Type: Object

Attribute Name	Type	Description
Rst.toJSONString()	A	Array of DBEntryDO Objects

## Get Switches

**Resource Name** /inventory/switches

**Description** Get all discovered SAN switches

**https Method** GET

**URL** https://dcnm-ip/fm/fmrest/inventory/switches

**Parameter**

Parameter	Type	Description
NA	NA	NA

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
	ServerResponse	Array of SwitchDO objects

## Get all End Ports

**Resource Name** /inventory/endports

**Description** Get all end ports

**https Method** GET

**URL** https://dcnm-ip/fm/fmrest/statistics/endports

**Parameter**

Parameter	Type	Description
NA	NA	NA

**Return Value**

Format: JSON

Type: Object

Attribute Name	Type	Description
	ServerResponse	List of all EndPortDO objects

## Get all End Ports Performance

**Resource Name** /statistics/endportStat

**Description** Get all end ports counters

**https Method** GET

**URL** https://dcnm-ip/fm/fmrest/statistics/endportStat

**Parameter**

Parameter	Type	Description

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
	ServerResponse	List of all StatisticsDataDO objects

## Get all San Ethernet Ports

**Resource Name** /statistics/SanGigEStat

**Description** Get all Ethernet ports under SAN

**https Method** GET

**URL** https://dcnm-ip/fm/fmrest/statistics/SanGigEStat

**Parameter**

Parameter	Type	Description

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
	ServerResponse	List of all StatisticsDataDO objects

## Get San Isls

**Resource Name** /statistics/sanIslStat

**Description** Get all Isls

**https Method** GET

**URL** https://dcnm-ip/fm/fmrest/statistics/sanIslStat

**Parameter**

Parameter	Type	Description
NA	NA	NA

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
	ServerResponse	List of all StatisticsDataDO objects



## Get Modules

**Resource Name** /inventory/modules

**Description** Get all modules

**https Method** GET

**URL** https://dcnm-ip/fm/fmrest/inventory/modules

**Parameter**

Parameter	Type	Description

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
	ServerResponse	List of all DBEntryDO objects

## Get VSANs

**Resource Name** /inventory/vsans

**Description** Get all VSANs.

**https Method** GET

**URL** https://dcnm-ip/fm/fmrest/inventory/vsans

**Parameter**

Parameter	Type	Description
NA	NA	NA

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
	ServerResponse	List of all VsanDO Objects

## Get Licenses

**Resource Name** /inventory/licenses

**Description** Enables you to get all licenses

**https Method** GET

**URL** https://dcnm-ip/fm/fmrest/inventory/licenses

**Parameter**

Parameter	Type	Description

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
License	A	List of all License Objects

## Get Host/Storage Enclosed List

**Resource Name** /statistics/portGroupStat

**Description** Get the Host's enclosure List or Storage Enclosure list

**https Method** GET

**URL** https://dcnm-ip/fm/fmrest/statistics/portGroupStat

**Parameter**

Parameter	Type	Description
type	string	Type of the object Host: type=Host%20Enclosures Storage: type=Storage%20Enclosures

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
	ServerResponse	List of StatisticsDataDO objects

## Get Port Groups

**Resource Name** /statistics/portGroupStat

**Description** Get the group groups

**https Method** GET

**URL** https://dcnm-ip/fm/fmrest/statistics/portGroupStat

### Parameter

Parameter	Type	Description
type	string	Type of the object type=Port%20Groups

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
	ServerResponse	List of StatisticsDataDO objects

## Get Regular Zones

**Resource Name** /inventory/zones

**Description** Get the regular zones

**https Method** GET

**URL** https://dcnm-ip/fm/fmrest/inventory/zones

**Parameter**

Parameter	Type	Description

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
	ServerResponse	List of ZoneDO objects

## Get all Lan ISL

**Resource Name** /statistics/lanIslstat

**Description** Get all ISLs under LAN

**https Method** GET

**URL** https://dcnm-ip/fm/fmrest/statistics/lanIslstat

**Parameter**

Parameter	Type	Description

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
	ServerResponse	List of all StatisticsDataDO objects

## Get all LAN Ethernet Ports

**Resource Name** /statistics/LanEthernetStat

**Description** Get all Ethernet ports under LAN

**https Method** GET

**URL** https://dcnm-ip/fm/fmrest/statistics/LanEthernetStat

**Parameter**

Parameter	Type	Description

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
	ServerResponse	List of StatisticsDataDO objects



## Get LAN Devices

**Resource Name** /san/getEthSwitchAll

**Description** Enables you to discover LAN devices

**https Method** GET

**URL** https://dcnm-ip/fm/fmrest/san/getEthSwitchAll

**Parameter**

Parameter	Type	Description

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
	string	DBEntryDO.toJSONString()

## Get Storage Providers

**Resource Name** /storage/getSmisProviders

**Description** Get all discovered SMIS Storage providers

**https Method** GET

**URL** https://dcnm-ip/fm/fmrest/storage/getSmisProviders

**Parameter**

Parameter	Type	Description

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
Rst	string	SMISProviderListDO.toJSONString(), SMISProviderListDO object which is an array of SMISProviderDO. SMISProviderDO is dbId:long; provId:int; fmServer:String; ns:String; interopns:String; url:String; username:String; port:int; secure:boolean; vendor:String; select:String; status:String; managedstatus:String; lastUpdated:String; version:String;

## Get Storage Providers worker status

**Resource Name** /storage/getWorkerStatus

**Description** Get all discovered SMIS Storage worker status

**https Method** GET

**URL** https://dcnm-ip/fm/fmrest/storage/getWorkerStatus

**Parameter**

Parameter	Type	Description
smisWorker	SMISProviderWorkerDO	A array of SMIS provider. SMISProviderWorkerDO - providerList:SMISProviderDO[], password:String, fmserver:String. Note SMISProviderDO is dbId:long; provId:int; fmServer:String; ns:String; interopns:String; url:String; username:String; port:int; secure:boolean; vendor:String; select:String; status:String; managedstatus:String; lastUpdated:String; version:String;

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
Rst.toJSONString()	string	SMISProviderListDO.toJSONString(), SMISProviderListDO object which is an array of SMISProviderDO. SMISProviderDO is dbId:long; provId:int; fmServer:String; ns:String; interopns:String; url:String; username:String; port:int; secure:boolean; vendor:String; select:String; status:String; managedstatus:String; lastUpdated:String; version:String;

## Get Virtual Centers

**Resource Name** /san/getVirtualCenters

**Description** Get all discovered Virtual Centers

**https Method** GET

**URL** https://dcnm-ip/fm/fmrest/san/getVirtualCenters

**Parameter**

Parameter	Type	Description

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
	string	DBEntryDO.toJSONString()