

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

Status Code	Status	API's HTTPS Method or HTTPS Method
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(), SMISProvderListDO 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()

Get FC Flows

Resource Name /Statistics/fcflowsStat

Description Get the FC Flows.

https Method GET

URL https://dcnm-ip/fm/rest/Statistics/portGroupStat

Parameter

Parameter	Type	Description
type	String	Type for Port Groups type=Port Groups

Return Value Format: JSON

Type: Object

Attribute Name	Type	Description
	ServerResponse	List of StatisticsDataDO objects

