

## Performance

The following are the Performance REST APIs:

- [Get Access Port Utilization for LAN Switch, page -159](#)
- [Get CPU, page -160](#)
- [Get End Port Utilization for SAN Fabric, page -161](#)
- [Get Link Utilization for LAN Switch, page -162](#)
- [Get Link Utilization for SAN Switch, page -163](#)
- [Get Memory, page -164](#)
- [Get NPV Link Utilization for SAN Switch, page -165](#)
- [Get Traffic, page -166](#)

## 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
401	Unauthorized	GET POST PUT DELETE
403	Forbidden	GET POST PUT DELETE
404	Not Found	GET POST PUT DELETE

<b>Status Code</b>	<b>Status</b>	<b>API's HTTPS Method or HTTPS Method</b>
405	Method Not Allowed	GET POST PUT DELETE
500	Internal Server Error	GET POST PUT DELETE

## Get Access Port Utilization for LAN Switch

**Resource Name** /statistics/ethernetStat

**Description** Enables you to get interface access port) utilization details.

**https Method** GET

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

**Parameter**

Parameter	Type	Description
NA	NA	NA

**Return Value**

Format: JSON

Type: Object

Attribute Name	Type	Description
	ServerResponse	Array of StatisticsDataDO Objects

## Get CPU

**Resource Name** /statistics/cpuStat

**Description** Enables you to get switch CPU usage.

**https Method** GET

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

**Parameter**

Parameter	Type	Description
NA	NA	NA

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
	ServerResponse	Array of StatisticsDataDO Objects

## Get End Port Utilization for SAN Fabric

**Resource Name** /statistics/endportStat

**Description** Enables you to get San End Port utilization details.

**https Method** GET

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

**Parameter**

Parameter	Type	Description
NA	NA	NA

**Return Value**

Format: JSON

Type: Object

Attribute Name	Type	Description
	ServerResponse	Array of StatisticsDataDO Objects

## Get Link Utilization for LAN Switch

**Resource Name** /statistics/lanIslStat

**Description** Enables you to get link utilization details for LAN switch

**https Method** GET

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

**Parameter**

Parameter	Type	Description
NA	NA	NA

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
	ServerResponse	Array of StatisticsDataDO Objects

## Get Link Utilization for SAN Switch

**Resource Name** /statistics/sanIslStat

**Description** Enables you to get FC link utilization details.

**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	Array of StatisticsDataDO Objects

## Get Memory

**Resource Name** /statistics/memoryStat

**Description** Enables you to get switch memory usage data.

**https Method** GET

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

**Parameter**

Parameter	Type	Description
NA	NA	NA

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
	ServerResponse	Array of StatisticsDataDO Objects



## Get NPV Link Utilization for SAN Switch

**Resource Name** /statistics/npvlinksStat

**Description** Enables you to get FC link utilization details.

**https Method** GET

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

**Parameter**

Parameter	Type	Description
NA	NA	NA

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
	ServerResponse	Array of StatisticsDataDO Objects

## Get Traffic

**Resource Name** /statistics/bandwidthStat

**Description** Enables you to get switch traffic data.

**https Method** GET

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

**Parameter**

Parameter	Type	Description
NA	NA	NA

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
	ServerResponse	Array of StatisticsDataDO Objects