

## Host Policy Management for Flow data

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

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

## Host Policy Add

**Resource Name** /rest/pmn/hostpolicies/

**Description** Method to Get the host instances created. No duplicate policies allowed for Host+hostRole+multiCastIp combination.

**https Method** POST/PUT

**URL** https://dcnm-ip/rest/pmn/hostpolicies/

### Parameter

Parameter	Type	Description
policyName	String	Mandatory - Policy name for this host
Host	String	Mandatory - Id of the host instance that this policy needs to be applied on.
hostRole	Enum	Mandatory - Sender or Receiver
permit	Enum	Mandatory - Yes or No
multiCastIpRange	String	Mandatory - * - for all multicast Groups, or specific unique multicast IP address.

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
hostPolicyId	String	Instance id of the hostpolicy defined.

## Host Policy Bulk Import

**Resource Name** /rest/pmn/hostpolicies/import

**Description** Creates a new host instance.

**https Method** POST

**URL** https://dcnm-ip/rest/pmn/hostpolicies/import

### Parameter

Parameter	Type	Description
String payload of CSV File	String	CSV data

**Return Value** Format: JSON

Type: Long

Attribute Name	Type	Description
hostid	String	Unique id for the created Host policy instances

## Get Host Policies

**Resource Name** /rest/pmn/hostpolicies?detail=true

**Description** Get a listing of all hostpolicies or specific hostpolicy, given the id.

**https Method** GET

**URL** https://dcnm-ip/rest/pmn/hostpolicies/ - Get all hostPolicies  
 https://dcnm-ip/rest/pmn/hostpolicies/{hostpolicyid} - Get all information about specific hostpolicy

**Parameter**

Parameter	Type	Description
hostpolicyid	String	Optional id parameter, when querying for a specific id.

**Return Value** Format: JSON  
 Type: Long

Attribute Name	Type	Description
Hostpolicy Object	String	Host Policy object created.

## Get Hosts

**Resource Name** /rest/pmn/host/

**Description** Get the host instances created.

**https Method** GET

**URL** https://dcnm-ip/rest/pmn/host/ -- get all Hosts  
 https://dcnm-ip/rest/pmn/host/{host\_id} -- get Host with specific hostid

**Parameter**

Parameter	Type	Description
none	String	All hosts created
hostid	String	Request about a particular Host ID

**Return Value** Format: JSON

Type: Long

Attribute Name	Type	Description
id	String	Unique id for the Host Instance
name	String	Name of the Host Instance
ipAddress	String	IP Address of the Host Instance
macAddress	String	Mac Address of the Host Instance
ethswitchId	String	Unique id of the device the host is connected to
interfaceId	String	Unique id of the interface instance of the device the host is connected to.

## Delete Hosts

**Resource Name** /rest/pmn/host/

**Description** Deletes the host instances created.

**https Method** DELETE

**URL** https://dcnm-ip/rest/pmn/host/<hostid>

**Parameter**

Parameter	Type	Description

**Return Value**

Format: JSON

Type: Long

Attribute Name	Type	Description

## Edit/Update Hosts

**Resource Name** /rest/pmn/host/

**Description** Delete the host instances created.

**https Method** PUT

**URL** https://dcnm-ip/rest/pmn/host/<hostid>

**Parameter**

Parameter	Type	Description

**Return Value** Format: JSON

Type: Long

Attribute Name	Type	Description