

## Cable Plan

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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

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

## Capture a Cable Plan

**Resource Name** /cable-plans/discovery

**Description** Extract a cable plan base on the switches discovered by DCNM.

**https Method** GET

**URL** https://dcnm-ip/rest/cable-plans/discovery

**Parameter**

Parameter	Type	Description

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
cable-plan-name	S	Name of the cable plan

## Generate a Cable Plan

**Resource Name** /cable-plans/poap

**Description** Generate a cable plan base on the POAP switch definitions from DCNM

**https Method** GET

**URL** https://dcnm-ip/rest/cable-plans/poap

**Parameter**

Parameter	Type	Description

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
cable-plan-name	S	Name of the cable plan

## Get a Cable Plan

**Resource Name** /cable-plans

**Description** Get a cable plan

**https Method** GET

**URL** https://dcnm-ip/rest/cable-plans  
https://dcnm-ip/rest/cable-plans?detail=true

**Parameter**

Parameter	Type	Description

**Return Value** Format: JSON  
Type: Object

Attribute Name	Type	Description
cable-plan	O	By default returns cable-plan information, if “detail=true”, then will return CablePlan object.

## Save a Cable Plan

**Resource Name** /cable-plans

**Description** Save a cable plan into the DCNM database.

**https Method** POST

**URL** https://dcnm-ip/rest/cable-plans

**Parameter**

Parameter	Type	Description
cable-plan-object	O	Cable-plan-object including cable-plan-name, source-device, source-device-type, source-port, dest-device, dest-device-type, dest-port.

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description

## Delete a Cable Plan

**Resource Name** /cable-plans

**Description** Delete cable plan base on the POAP switch definitions from DCNM.

**https Method** DELETE

**URL** https://dcnm-ip/rest/cable-plans

**Parameter**

Parameter	Type	Description

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description

## Get a Cable Plan From Device

**Resource Name** /cable-plans/device-xml

**Description** Get a cable plan from devices in XML

**https Method** POST

**URL** https://dcnm-ip/rest/cable-plans/device-xml

### Parameter

Parameter	Type	Description
Ip-addresses	S	The Switch IP Address list which derives the cable plan.

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
cable-plan-info	S	Cable plans in XML



## View Cable Plan From Device

**Resource Name** /cable-plans/device-raw

**Description** Get cable plan from devices and return in raw format

**https Method** POST

**URL** https://dcnm-ip/rest/cable-plans/device-raw

### Parameter

Parameter	Type	Description
Ip-addresses	S	The Switch IP Address list which derives the cable plan

### Return Value

Format: JSON

Type: Object

Attribute Name	Type	Description
Cable-plan-info	S	Cable plans in raw format

## Import a Cable Plan

**Resource Name** /cable-plans/import

**Description** Returns Cable Plan object of imported cable plan file.

**https Method** POST

**URL** https://dcnm-ip/rest/cable-plans/import

### Parameter

Parameter	Type	Description
cable-plan	S	You must provide a Name for the cable plan and the cable plan content in the payload.

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
Cable-plan-object	O	Cable plan object

## Export a Cable Plan

**Resource Name** /cable-plans/xml

**Description** Export a cable plan from DCNM in XML format

**https Method** GET

**URL** https://dcnm-ip/rest/cable-plans/xml

**Parameter**

Parameter	Type	Description

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
Cable-plan-object	S	Name of the cable plan and content in XML format in the payload.

## Deploy a Cable Plan

**Resource Name** /cable-plans/fabric

**Description** Deploy a cable plan to all the spine and leaf devices

**https Method** POST

**URL** hhttps://dcnm-ip/rest/cable-plans/fabric

### Parameter

Parameter	Type	Description
Ip-addresses	S	Switch IP address list that needs to be deployed.

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description

## Revoke a Cable Plan

**Resource Name** /cable-plans/revoke

**Description** Revoke a cable plan from all the spine and leaf devices

**https Method** POST

**URL** https://dcnm-ip/rest/cable-plans/revoke

### Parameter

Parameter	Type	Description
Ip-addresses	S	Switch IP address list that needs to be deployed.

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description

