

Cable Plan

The following are the Cable Plan REST APIs:

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Status

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

Status Code	Status	API's HTTP Method or HTTP 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

Status Code	Status	API's HTTP Method or HTTP Method
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

