

## DHCP

The following are the DHCP 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
404	Not Found	GET POST PUT DELETE

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

## List POAP Scopes

**Resource Name** /poap/dhcp/scopes

**Description** List of POAP DHCP scopes

**https Method** GET

**URL** https://dcnm-ip/rest/poap/dhcp/scopes

**Parameter**

Parameter	Type	Description

**Return Value**

Format: JSON

Type: Object

Attribute Name	Type	Description
Poap-scopes	A	A list of scope objects including scope name, ip-range, default-lease-time, max-lease-time, tftp-server-ip-address, tftp-server-username, tftp-server-password, boot-script-path is displayed.

## Create a POAP Scope

**Resource Name** /poap/dhcp/scopes

**Description** Create a new DHCP scope for POAP.

**https Method** POST

**URL** https://dcnm-ip/rest/poap/dhcp/scopes

### Parameter

Parameter	Type	Description
Poap-scope		Displays a list of POAP scope objects including scope name and ip-range, default-lease-time, max-lease-time, tftp-server-ip-address, tftp-server-username, tftp-server-password, boot-script-path.

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description
scope-name	S	DHCP scope name.

## Update a POAP Scope

**Resource Name** /poap/dhcp/scopes/{scope-name}

**Description** Update a DHCP scope for POAP.

**https Method** PUT

**URL** https://dcnm-ip/rest/poap/dhcp/scopes/{scope-name}

### Parameter

Parameter	Type	Description
Poap-scope	O	Displays a list of POAP scope objects including scope name and switch-settings, switch-settings includes ip-range, default-lease-time, max-lease-time, tftp-server-ip-address, tftp-server-username, tftp-server-password, boot-script-path

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description

## Delete a POAP Scope

**Resource Name** /poap/dhcp/scopes/{scope-name}

**Description** Delete a DHCP scope for POAP.

**https Method** DELETE

**URL** https://dcnm-ip/rest/poap/dhcp/scopes/{scope-name}

**Parameter**

Parameter	Type	Description

**Return Value** Format: JSON

Type: Object

Attribute Name	Type	Description