

DHCP

The following are the DHCP REST APIs:

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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.

Status Code

200	OK
400	Bad Request
401	Unauthorized
403	Forbidden
404	Not Found
405	Method Not Allowed
500	Internal Server Error

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.

Status Code

202	Accepted
400	Bad Request
401	Unauthorized
403	Forbidden
404	Not Found
405	Method Not Allowed
500	Internal Server Error

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

Status Code

202	Accepted
400	Bad Request
401	Unauthorized
403	Forbidden
404	Not Found
405	Method Not Allowed
500	Internal Server Error

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

Status Code

202	Accepted
400	Bad Request
401	Unauthorized
403	Forbidden
404	Not Found
405	Method Not Allowed
500	Internal Server Error

