

DCI

The following are the DCI REST APIs:

- [Get Fabric Automation DCI Settings, page -67](#)
- [Update Fabric Automation DCI Settings, page -68](#)
- [List DCI pairs, page -69](#)
- [Create DCI Pairs, page -70](#)
- [Get DCI Pairs with Node Id, page -71](#)
- [Update DCI Pairs with Node ID, page -72](#)
- [Delete DCI Pairs with Node ID, page -73](#)
- [Get DCI Pairs with Node ID and Peer ID, page -74](#)
- [Update DCI Pairs with Node ID and Peer ID, page -75](#)
- [Delete DCI Pairs with Node ID and Peer ID, page -76](#)
- [Create Partition with DCI Option, page -77](#)
- [Update Partition with DCI ID, page -78](#)
- [Update Partition to Disable DCI Extension, page -79](#)
- [Update Partition to Enable DCI Extension, page -80](#)
- [List All Extended Partitions, page -81](#)
- [List All Extended Partitions with a VRF, page -82](#)
- [List all Extended Partitions in an Organization, page -83](#)
- [Get Extended Partition, page -84](#)

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

Status Code	Status	API's HTTPS Method or HTTPS Method
401	Unauthorized	GET POST PUT DELETE
403	Forbidden	GET POST PUT DELETE
404	Not Found	GET POST PUT DELETE
405	Method Not Allowed	GET POST PUT DELETE
500	Internal Server Error	GET POST PUT DELETE

Get Fabric Automation DCI Settings

Resource Name /settings/dci

Description Get Fabric Automation DCI settings

https Method GET

URL https://dcnm-ip/rest/settings/dci

Parameter

Parameter	Type	Description

Return Value Format: JSON

Type: Object

Attribute Name	Type	Description
settings	O	Return DCI settings

Update Fabric Automation DCI Settings

Resource Name /settings/dci

Description Update Fabric Automation DCI settings

https Method PUT

URL https://dcnm-ip/rest/settings/dci

Parameter

Parameter	Type	Description
settings	S	Update the DCI settings.

Return Value Format: JSON

Type: Object

Attribute Name	Type	Description

List DCI pairs

Resource Name /auto-config/dci/paired-devices

Description List all the DCI pairs.

https Method GET

URL https://dcnm-ip/rest/auto-config/dci/paired-devices

Parameter

Parameter	Type	Description

Return Value Format: JSON

Type: Object

Attribute Name	Type	Description
dci-pairings	S	DCI pairs

Create DCI Pairs

Resource Name /auto-config/dci/paired-devices

Description Create DCI pairing.

https Method POST

URL https://dcnm-ip/rest/auto-config/dci/paired-devices

Parameter

Parameter	Type	Description
dci-pairing	O	DCI pairing

Return Value Format: JSON

Type: Object

Attribute Name	Type	Description

Get DCI Pairs with Node Id

Resource Name /auto-config/dci/paired-devices/device/{node-id}

Description Get the Edge Router with the paired border leaf for a given node ID, or of type “BL-DCI”, or type “Hub PE” without peering.

https Method GET

URL https://dcnm-ip/rest/auto-config/dci/paired-devices/device/{node-id}

Parameter

Parameter	Type	Description

Return Value Format: JSON

Type: Object

Attribute Name	Type	Description
dci-pairing	O	DCI pairing

Update DCI Pairs with Node ID

Resource Name /auto-config/dci/paired-devices/device/{node-id}

Description Update the DCI pairing for the type "BL-DCI" or "BL" without peering

https Method PUT

URL https://dcnm-ip/rest/auto-config/dci/paired-devices/device/{node-id}

Parameter

Parameter	Type	Description

Return Value Format: JSON

Type: Object

Attribute Name	Type	Description
dci-pairing	O	DCI pairing

Delete DCI Pairs with Node ID

Resource Name /auto-config/dci/paired-devices/device/{node-id}

Description Delete the DCI pairing for the type "BL-DCI" or "BL" without peering

https Method DELETE

URL https://dcnm-ip/rest/auto-config/dci/paired-devices/device/{node-id}

Parameter

Parameter	Type	Description

Return Value

Format: JSON

Type: Object

Attribute Name	Type	Description

Get DCI Pairs with Node ID and Peer ID

Resource Name /auto-config/dci/paired-devices/device/{node-id}/peer/{peer-node-id}

Description Get the DCI pairing for a given node-id and peer-id

https Method GET

URL https://dcnm-ip/rest/auto-config/dci/paired-devices/device/{node-id}/peer/{peer-node-id}

Parameter

Parameter	Type	Description

Return Value Format: JSON

Type: Object

Attribute Name	Type	Description
dci-pairing	O	DCI pairing

Update DCI Pairs with Node ID and Peer ID

Resource Name /auto-config/dci/paired-devices/device/{node-id}/peer/{peer-node-id}

Description Update the DCI pairing for a given node-id and peer-id.

https Method PUT

URL https://dcnm-ip/rest/auto-config/dci/paired-devices/device/{node-id}/peer/{peer-node-id}

Parameter

Parameter	Type	Description
dci-pairing	O	DCI Pairing

Return Value

Format: JSON

Type: Object

Attribute Name	Type	Description
settings	O	Return DCI settings

Delete DCI Pairs with Node ID and Peer ID

Resource Name /auto-config/dci/paired-devices/device/{node-id}/peer/{peer-node-id}

Description Delete the DCI pairing for a given node ID and peer ID

https Method DELETE

URL https://dcnm-ip/rest/auto-config/dci/paired-devices/device/{node-id}/peer/{peer-node-id}

Parameter

Parameter	Type	Description

Return Value Format: JSON

Type: Object

Attribute Name	Type	Description

Create Partition with DCI Option

Resource Name /auto-config/organizations/{organization-name}/partitions

Description Create the partition with DCI ID and enable DCI extension.

https Method POST

URL https://dcnm-ip/rest/auto-config/organizations/{organization-name}/partitions

Parameter

Parameter	Type	Description
partition	O	Partition object

Return Value

Format: JSON

Type: Object

Attribute Name	Type	Description

Update Partition with DCI ID

Resource Name /auto-config/organizations/{organization-name}/partitions/{partition-name}

Description Update the partition with DCI ID.

https Method PUT

URL https://dcnm-ip/rest/auto-config/organizations/{organization-name}/partitions/{partition-name}

Parameter

Parameter	Type	Description
partition	O	Partition object

Return Value Format: JSON

Type: Object

Attribute Name	Type	Description

Update Partition to Disable DCI Extension

Resource Name /auto-config/organizations/{organization-name}/partitions/{partition-name}

Description Update the partition to disable DCI extension.

https Method PUT

URL https://dcnm-ip/rest/auto-config/organizations/{organization-name}/partitions/{partition-name}

Parameter

Parameter	Type	Description
partition	O	Partition object

Return Value

Format: JSON

Type: Object

Attribute Name	Type	Description

Update Partition to Enable DCI Extension

Resource Name /auto-config/organizations/{organization-name}/partitions/{partition-name}

Description Update the partition to enable DCI extension.

https Method PUT

URL https://dcnm-ip/rest/auto-config/organizations/{organization-name}/partitions/{partition-name}

Parameter

Parameter	Type	Description
partition	O	Partition object

Return Value Format: JSON

Type: Object

Attribute Name	Type	Description

List All Extended Partitions

Resource Name /auto-config/dci/extended-partitions

Description List all the extended partitions.

https Method GET

URL https://dcnm-ip/rest/auto-config/dci/extended-partitions
https://dcnm-ip/rest/auto-config/dci/extended-partitions?detail=true

Parameter

Parameter	Type	Description

Return Value Format: JSON
Type: Object

Attribute Name	Type	Description
extended-partition	O	Extended partition

List All Extended Partitions with a VRF

Resource Name /auto-config/dci/extended-partitions/vrfs/{vrf-name}

Description List all the extended partitions with a VRF.

https Method GET

URL <https://dcnm-ip/rest/auto-config/dci/extended-partitions/vrfs/{vrf-name}>
<https://dcnm-ip/rest/auto-config/dci/extended-partitions/vrfs/{vrf-name}?detail=true>

Parameter

Parameter	Type	Description

Return Value Format: JSON
Type: Object

Attribute Name	Type	Description
extended-partition	O	Extended partition

List all Extended Partitions in an Organization

Resource Name /auto-config/dci/extended-partitions/organizations/{organization-name}

Description List all the extended partitions in a organization.

https Method GET

URL https://dcnm-ip/rest/auto-config/dci/extended-partitions/organizations/{organization-name}
 https://dcnm-ip/rest/auto-config/dci/extended-partitions/organizations/{organization-name}?detail=true

Parameter

Parameter	Type	Description

Return Value Format: JSON
 Type: Object

Attribute Name	Type	Description
extended-partition	O	Extended partition

Get Extended Partition

Resource Name /auto-config/dci/extended-partitions/organizations/{organization-name}/partitions/{partition-name}

Description Get extended partition

https Method GET

URL https://dcnm-ip/rest/auto-config/dci/extended-partitions/organizations/{organization-name}/partitions/{partition-name}
 https://dcnm-ip/rest/auto-config/dci/extended-partitions/organizations/{organization-name}/partitions/{partition-name}?detail=true

Parameter

Parameter	Type	Description

Return Value Format: JSON
 Type: Object

Attribute Name	Type	Description
extended-partition	O	Extended partition