

## DCI

The following are the DCI REST APIs:

- [Get Fabric Automation DCI Settings, page -65](#)
- [Update Fabric Automation DCI Settings, page -66](#)
- [List DCI pairs, page -67](#)
- [Create DCI Pairs, page -68](#)
- [Get DCI Pairs with Node Id, page -69](#)
- [Update DCI Pairs with Node ID, page -70](#)
- [Delete DCI Pairs with Node ID, page -71](#)
- [Get DCI Pairs with Node ID and Peer ID, page -72](#)
- [Update DCI Pairs with Node ID and Peer ID, page -73](#)
- [Delete DCI Pairs with Node ID and Peer ID, page -74](#)
- [Create Partition with DCI Option, page -75](#)
- [Update Partition with DCI ID, page -76](#)
- [Update Partition to Disable DCI Extension, page -77](#)
- [Update Partition to Enable DCI Extension, page -78](#)
- [List All Extended Partitions, page -79](#)
- [List All Extended Partitions with a VRF, page -80](#)
- [List all Extended Partitions in an Organization, page -81](#)
- [Get Extended Partition, page -82](#)

## 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

<b>Status Code</b>	<b>Status</b>	<b>API's HTTPS Method or HTTPS Method</b>
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