

## DCI

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## Get Unified Fabric DCI Settings

**Resource Name** /settings/dci

**Description** Get Unified Fabric 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

### Status Code

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

## Update Unified Fabric DCI Settings

**Resource Name** /settings/dci

**Description** Update Unified Fabric 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

### Status Code

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

## 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

**Status Code**

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

## 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

### Status Code

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

## Get DCI Pairs with Node Id

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

**Description** Get the DCI pairings for a given node ID, or the type is "BL-DCI", or type is "BL" without peering.

*<<sushs: do we need to expand BL?>>*

**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

### Status Code

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

## Update DCI Pairs for Special Type BL-DCI and BL

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

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

*<<sushs: same comment as above>>*

**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

### Status Code

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

## Delete DCI Pairs for Special Type BL-DCI and BL

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

**Description** Delete the DCI pairing for the type "BL-DCI" or "BL" without peering  
*<<sushs: same comment as above>>*

**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

### Status Code

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



## 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

### Status Code

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

## 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

### Status Code

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

## 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

### Status Code

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

## 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

### Status Code

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

## 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

### Status Code

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

## 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

### Status Code

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

## 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

### Status Code

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

## 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

### Status Code

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



## 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

**Status Code**

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

## 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

### Status Code

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

## 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

**Status Code**

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

<<sushs: Do we need to add the Sample Flow as mentioned in the SFS? I havent seen any instances earlier.>>

