



# ipam

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- [OpenAPI, on page 1](#)
- [Info, on page 1](#)
- [Servers, on page 1](#)
- [tags, on page 1](#)
- [Paths, on page 2](#)
- [Components, on page 1373](#)

## OpenAPI

OpenAPI Version: 3.0.1

## Info

**Title:** cisco-cn-ipam  
**Description:** ''  
**Version:** '2021-02-21'

## Servers

**URL:** /restconf

## tags

- **Name:** root  
**Description:** root resources
- **Name:** operations  
**Description:** operations resources
- **Name:** data  
**Description:** data resources

- **Name:** get  
**Description:** get resources
- **Name:** head  
**Description:** head resources
- **Name:** post  
**Description:** post resources
- **Name:** patch  
**Description:** patch resources
- **Name:** put  
**Description:** put resources
- **Name:** options  
**Description:** options resources
- **Name:** delete  
**Description:** delete resources

## Paths

/

**get:**

**Tags:**

- root
- get

**Operation ID:** root\_get

**Responses:**

'200':

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:** '#/components/schemas/root'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

```
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:
```

```
Tags:
- root
- head
Operation ID: root_head
```

```
Responses:
  '200':
    Description: OK
    Content: {}
  security:
  - basicAuth: []
```

## /operations

```
get:
```

```
Tags:
- operations
- get
Operation ID: operations_get
```

```
Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference: '#/components/schemas/operations'
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
```

```

security:
- basicAuth: []

```

## /yang-library-version

**get:**

```

Tags:
- yang-library-version
- get
Operation ID: yang_library_version_get

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference: '#/components/schemas/yang-library-version'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

```

security:
- basicAuth: []

```

**head:**

```

Tags:
- yang-library-version
- head
Operation ID: yang_library_version_head

```

**Responses:**

```

'200':
  Description: OK
  Content: {}

```

```

security:
- basicAuth: []

```

## /data

### get:

**Tags:**

- data
- get

**Operation ID:** data\_get

**Responses:**

'200':

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:** '#/components/schemas/data'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

### put:

**Tags:**

- data
- put

**Operation ID:** data\_put

**Request Body:**

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:** '#/components/schemas/data-put-patch'

**Required/Optional:** true

**Responses:**

'201':

**Description:** Created

```

    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: data
Method: Post

Tags:
- data
- post
Operation ID: data_post
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference: '#/components/schemas/data-post'
      Required/Optional: true

Responses:
  '201':
    Description: Created
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:

```

```
- basicAuth: []
x-codegen-request-body-name: data
head:

Tags:
- data
- head
Operation ID: data_head

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []
patch:

Tags:
- data
- patch
Operation ID: data_patch
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference: '#/components/schemas/data-put-patch'
      Required/Optional: true

Responses:
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
    - basicAuth: []
x-codegen-request-body-name: data
```

## /data/cisco-cn-ipam:ipam

### get:

**Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_get

**Parameters:**

- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults



**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

'200':  
  **Description:** OK  
  **Content:**  
    **application/yang-data+json:**  
      **Schema:**  
        **Reference:** '#/components/schemas/data\_cisco-cn-ipam\_ipam'

'204':  
  **Description:** No Content  
  **Content:** {}

'400':  
  **Description:** Bad Request  
  **Content:** {}

'401':  
  **Description:** Unauthorized  
  **Content:** {}

'404':  
  **Description:** Not Found  
  **Content:** {}

'405':  
  **Description:** Method Not Allowed  
  **Content:** {}

'409':  
  **Description:** Conflict  
  **Content:** {}

**security:**  
- **basicAuth:** []

**put:**

**Tags:**  
- data  
- put

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_put

**Request Body:**  
**Content:**  
  **application/yang-data+json:**  
    **Schema:**  
      **Reference:** '#/components/schemas/data\_cisco-cn-ipam\_ipam'

**Required/Optional:** true

**Responses:**

'201':  
**Description:** container ipam created or replaced  
**Content:** {}

'204':  
**Description:** No Content  
**Content:** {}

'400':  
**Description:** Bad Request  
**Content:** {}

'401':  
**Description:** Unauthorized  
**Content:** {}

'404':  
**Description:** Not Found  
**Content:** {}

'405':  
**Description:** Method Not Allowed  
**Content:** {}

'409':  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** ipam

**Method:** Post

**Tags:**

- data  
 - post

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_post

**Request Body:**

**Content:**  
 application/yang-data+json:  
 Schema:  
**Reference:** '#/components/schemas/data\_cisco-cn-ipam\_ipam-post'  
**Required/Optional:** true

**Responses:**

'201':  
**Description:** container ipam created  
**Content:** {}

'204':  
**Description:** No Content  
**Content:** {}

'400':  
**Description:** Bad Request  
**Content:** {}

'401':  
**Description:** Unauthorized

```
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: ipam
delete:

  Tags:
  - data
  - delete
  Operation ID: data_cisco_cn_ipam_ipam_delete

  Responses:
  '204':
    Description: No Content
    Content: {}
  security:
  - basicAuth: []
options:

  Tags:
  - data
  - options
  Operation ID: data_cisco_cn_ipam_ipam_options

  Responses:
  '200':
    Description: OK
    Content: {}
  security:
  - basicAuth: []
head:

  Tags:
  - data
  - head
  Operation ID: data_cisco_cn_ipam_ipam_head

  Parameters:
  - Name: content
    In: query
    Description: controlling descendant nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
```

```

    Type: string
    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK

```

```

    Content: {}
  security:
  - basicAuth: []
patch:

Tags:
- data
- patch
Operation ID: data_cisco_cn_ipam_ipam_patch
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference: '#/components/schemas/data_cisco-cn-ipam_ipam'
      Required/Optional: true

Responses:
'204':
  Description: container ipam updated
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: ipam

```

## /data/cisco-cn-ipam:ipam/instance

```

options:

Tags:
- data
- options
Operation ID: data_cisco_cn_ipam_ipam_instance_options

Responses:
'200':
  Description: OK
  Content: {}

```

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_get

**Parameters:**

```
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
```

```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

**security:**

- **basicAuth:** []

**put:****Tags:**

- data
- put

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_put**Parameters:**

- **Name:** instance-instance-id

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref

- **Name:** insert

**In:** query**Description:** controlling the order when adding new list elements**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** first**enum:**

- first
- last
- before
- after

- **Name:** point

**In:** query**Description:** used to specify the insertion point**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** string**Request Body:****Content:****application/yang-data+json:****Schema:****Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance-instance-id'

**Required/Optional:** true**Responses:**

'201':

**Description:** list instance created or replaced



```
    Content: {}
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: instance
delete:

  Tags:
  - data
  - delete
  Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_delete

  Parameters:
  - Name: instance-instance-id
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref

  Responses:
  '204':
    Description: No Content
    Content: {}
  security:
  - basicAuth: []
options:

  Tags:
  - data
  - options
  Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_options

  Parameters:
```

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_head

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer

```

```
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []
patch:

Tags:
- data
- patch
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_patch

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
```

```

    Explode: false
    Schema:
      Type: string
      Format: leafref
    Request Body:
      Content:
        application/yang-data+json:
          Schema:
            Reference:
              '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id'
            Required/Optional: true

    Responses:
      '204':
        Description: list instance updated
        Content: {}
      '400':
        Description: Bad Request
        Content: {}
      '401':
        Description: Unauthorized
        Content: {}
      '404':
        Description: Not Found
        Content: {}
      '405':
        Description: Method Not Allowed
        Content: {}
      '409':
        Description: Conflict
        Content: {}
    security:
      - basicAuth: []
    x-codegen-request-body-name: instance

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/instance-id

**get:**

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_instance_id_get

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:

```

```
    Type: string
    Format: leafref
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
```

**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_instance-id'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**  
**Description:** Bad Request  
**Content:** {}  
**'401':**  
**Description:** Unauthorized  
**Content:** {}  
**'404':**  
**Description:** Not Found  
**Content:** {}  
**'405':**  
**Description:** Method Not Allowed  
**Content:** {}  
**'409':**  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**put:****Tags:**

- data  
 - put

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_instance\_instance-id\_instance-id\_put

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref

**Request Body:**

**Content:**

```

    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_instance-id'
          Required/Optional: true

Responses:
  '201':
    Description: leaf instance-id created or replaced
    Content: {}
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: instance-id
delete:

Tags:
- data
- delete
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_instance_id_delete

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

Responses:
  '204':
    Description: No Content
    Content: {}

```

```

    security:
      - basicAuth: []
  options:

  Tags:
  - data
  - options
  Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_instance_id_options

```

```

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

```

```

Responses:
  '200':
    Description: OK
    Content: {}

```

```

    security:
      - basicAuth: []
  head:

```

```

  Tags:
  - data
  - head
  Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_instance_id_head

```

```

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:

```



```
- config
- nonconfig
- all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []
patch:
```

**Tags:**

- data
- patch

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_instance\_id\_patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

**Request Body:****Content:**

**application/yang-data+json:**

**Schema:****Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance-instance-id\_instance-id'

**Required/Optional:** true

**Responses:**

'204':

**Description:** leaf instance-id updated

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** instance-id

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/ip-reserv e

**get:**

**Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_ip\_reserve\_get

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string

```

    Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
        - report-all
        - trim
        - explicit
        - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_ip-reserve'
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
  - basicAuth: []
put:

Tags:
  - data
  - put
Operation ID: data_cisco_cn_ipam_ipam_instance_instance-id_ip-reserve_put

Parameters:

```

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_ip-reserve'
    Required/Optional: true

Responses:
  '201':
    Description: leaf ip-reserve created or replaced
    Content: {}
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: ip-reserve
delete:

Tags:
- data
- delete
Operation ID: data_cisco_cn_ipam_ipam_instance_instance-id_ip-reserve_delete

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true

```

```

    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref

Responses:
  '204':
    Description: No Content
    Content: {}
  security:
  - basicAuth: []
options:

Tags:
- data
- options
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_reserve_options

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

Responses:
  '200':
    Description: OK
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_reserve_head

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: content
  In: query

```

**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit

- report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data  
 - patch

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_ip\_reserve\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref

**Request Body:**

**Content:**  
**application/yang-data+json:**  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance-instance-id\_ip-reserve'  
**Required/Optional:** true

**Responses:**

'204':  
**Description:** leaf ip-reserve updated  
**Content:** {}

'400':  
**Description:** Bad Request  
**Content:** {}

'401':  
**Description:** Unauthorized  
**Content:** {}

'404':  
**Description:** Not Found  
**Content:** {}

'405':  
**Description:** Method Not Allowed  
**Content:** {}

'409':  
**Description:** Conflict  
**Content:** {}

**security:**



```
- basicAuth: []
x-codegen-request-body-name: ip-reserve
```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/source

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_source\_get

**Parameters:**

```
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
```

```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_source'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

```
security:
- basicAuth: []
put:

Tags:
- data
- put
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_put

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
'#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_instance_id_source'
    Required/Optional: true

Responses:
'201':
  Description: container source created or replaced
  Content: {}
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: source
Method: Post
```

**Tags:**

- data
- post

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_source\_post

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

**Request Body:****Content:**

**application/yang-data+json:**

**Schema:****Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance-id\_source-post'

**Required/Optional:** true

**Responses:**

'201':

**Description:** container source created

**Content:** {}

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** source

**delete:****Tags:**

- data
- delete

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_source\_delete

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref

**Responses:**

'204':  
  **Description:** No Content  
  **Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data  
- options

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_source\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref

**Responses:**

'200':  
  **Description:** OK  
  **Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_source\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

```
    Type: string
    Format: leafref
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
```

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- basicAuth: []

**patch:**

**Tags:**

- data
- patch

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_source\_patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

**Request Body:**

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source'

**Required/Optional:** true

**Responses:**

'204':

**Description:** container source updated

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict  
**Content:** {}  
**security:**  
 - **basicAuth:** []  
**x-codegen-request-body-name:** source

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/source/local

**get:**

**Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_source\_local\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false



```

Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_source_local'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}

```

```

    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
put:

Tags:
- data
- put
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_local_put

```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

```

**Request Body:**

```

Content:
  application/yang-data+json:
    Schema:
      Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_local'
  Required/Optional: true

```

**Responses:**

```

'201':
  Description: leaf local created or replaced
  Content: {}
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

```

security:

```

```
- basicAuth: []
x-codegen-request-body-name: local
delete:

Tags:
- data
- delete
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_local_delete

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

Responses:
'204':
  Description: No Content
  Content: {}
security:
- basicAuth: []
options:

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_local_options

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

Responses:
'200':
  Description: OK
  Content: {}
security:
- basicAuth: []
head:

Tags:
- data
```

- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_source\_local\_head

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

- config

- nonconfig

- all

- **Name:** depth

**In:** query

**Description:** limit the depth of nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** integer

**Format:** uint16

- **Name:** fields

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

```

    Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
        - report-all
        - trim
        - explicit
        - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
  - basicAuth: []
patch:

Tags:
- data
- patch
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_local_patch

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
        '#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance-instance-id_source_local'
      Required/Optional: true

Responses:
  '204':
    Description: leaf local updated
    Content: {}
  '400':
    Description: Bad Request

```

```

    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: local

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/source/external

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_source_external_get

```

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query

```

**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
     **application/yang-data+json:**  
         **Schema:**  
         **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_source\_external'

'204':  
**Description:** No Content  
**Content:** {}

```

    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
put:
  Tags:
  - data
  - put
  Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_put

```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

```

**Request Body:**

```

Content:
  application/yang-data+json:
    Schema:
      Reference:

```

```
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external'
```

```
Required/Optional: true
```

**Responses:**

```

'201':
  Description: container external created or replaced
  Content: {}
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}

```



```

    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  x-codegen-request-body-name: external
Method: Post

Tags:
- data
- post
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_post

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external-post'

Required/Optional: true

Responses:
'201':
  Description: container external created
  Content: {}
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized

```

```

    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: external
delete:

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_delete

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

Responses:
  '204':
    Description: No Content
    Content: {}
  security:
  - basicAuth: []
options:

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_options

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

```

**Responses:****'200':****Description:** OK**Content:** {}**security:****- basicAuth:** []**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_source\_external\_head

**Parameters:****- Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref**- Name:** content**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** config**enum:**

- config
- nonconfig
- all

**- Name:** depth**In:** query**Description:** limit the depth of nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** integer**Format:** uint16**- Name:** fields**In:** query**Description:** optionally identify specific data nodes in response**Required/Optional:** false**Style:** form**Explode:** true

**Schema:**  
**Type:** string  
**Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**
  - report-all
  - trim
  - explicit
  - report-all-tagged

**Responses:**  
**'200':**  
**Description:** OK  
**Content:** {}  
**security:**  
 - **basicAuth:** []

**patch:**

**Tags:**  
 - data  
 - patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_source\_external\_patch

**Parameters:**  
 - **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref

**Request Body:**  
**Content:**

```

    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_source_external'

      Required/Optional: true

  Responses:
    '204':
      Description: container external updated
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  x-codegen-request-body-name: external

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/source/external/ipam

```

get:

  Tags:
    - data
    - get
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_get

  Parameters:
    - Name: instance-instance-id
      In: path
      Required/Optional: true
      Style: simple
      Explode: false
      Schema:
        Type: string
        Format: leafref
    - Name: content

```

```

In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all

```

- trim
- explicit
- report-all-tagged

**Responses:****'200':****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_source\_external\_ipam'

**'204':****Description:** No Content**Content:** {}**'400':****Description:** Bad Request**Content:** {}**'401':****Description:** Unauthorized**Content:** {}**'404':****Description:** Not Found**Content:** {}**'405':****Description:** Method Not Allowed**Content:** {}**'409':****Description:** Conflict**Content:** {}**security:**

- **basicAuth:** []

**put:****Tags:**

- data
- put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_source\_external\_ipam\_put

**Parameters:**

- **Name:** instance-instance-id

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref**Request Body:****Content:****application/yang-data+json:****Schema:**

```

Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam'

Required/Optional: true

Responses:
'201':
  Description: container ipam created or replaced
  Content: {}
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: ipam
Method: Post

Tags:
- data
- post
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_post

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam-post'

```



**Required/Optional:** true

**Responses:**

'201':  
  **Description:** container ipam created  
  **Content:** {}  
'204':  
  **Description:** No Content  
  **Content:** {}  
'400':  
  **Description:** Bad Request  
  **Content:** {}  
'401':  
  **Description:** Unauthorized  
  **Content:** {}  
'404':  
  **Description:** Not Found  
  **Content:** {}  
'405':  
  **Description:** Method Not Allowed  
  **Content:** {}  
'409':  
  **Description:** Conflict  
  **Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** ipam

**delete:**

**Tags:**

- data  
- delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_source\_external\_ipam\_delete

**Parameters:**

- **Name:** instance-instance-id  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** leafref

**Responses:**

'204':  
  **Description:** No Content  
  **Content:** {}

**security:**

- **basicAuth:** []

**options:**

**Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_source\_external\_ipam\_options

**Parameters:**

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** leafref

**Responses:**

- '200':
  - Description:** OK
  - Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_source\_external\_ipam\_head

**Parameters:**

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** content
- In:** query
- Description:** controlling descendant nodes in response
- Required/Optional:** false
- Style:** form
- Explode:** true
- Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all

- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

- '200':
  - Description:** OK
  - Content:** {}

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data

- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_source\_external\_ipam\_patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

**Request Body:**

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source\_external\_ipam'

**Required/Optional:** true

**Responses:**

'204':

**Description:** container ipam updated

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** ipam

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/source/external/ipam/host

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_source\_external\_ipam\_host\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

```

    Type: string
    Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
        - report-all
        - trim
        - explicit
        - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam_host'

  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
put:

Tags:
- data
- put
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_host_put

```

```

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_source_external_ipam_host'

    Required/Optional: true

Responses:
'201':
  Description: leaf host created or replaced
  Content: {}
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: host
delete:

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_source_external_ipam_host_delete

Parameters:

```

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

Responses:
  '204':
    Description: No Content
    Content: {}
  security:
    - basicAuth: []
options:

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_host_options

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []
head:

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_host_head

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:

```



```
    Type: string
    Format: leafref
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
```

**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:** {}

**security:**  
 - **basicAuth:** []

**patch:****Tags:**

- data  
 - patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_source\_external\_ipam\_host\_patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

**Request Body:**

**Content:**  
 application/yang-data+json:

**Schema:****Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source\_external\_ipam\_host'

**Required/Optional:** true

**Responses:**

'204':  
**Description:** leaf host updated  
**Content:** {}

'400':  
**Description:** Bad Request  
**Content:** {}

'401':  
**Description:** Unauthorized  
**Content:** {}

'404':  
**Description:** Not Found  
**Content:** {}

'405':  
**Description:** Method Not Allowed

```

    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: host

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/source/external/ipam/port

get:

```

  Tags:
  - data
  - get
  Operation ID:
  data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_port_get

  Parameters:
  - Name: instance-instance-id
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: content
    In: query
    Description: controlling descendant nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: config
      enum:
      - config
      - nonconfig
      - all
  - Name: depth
    In: query
    Description: limit the depth of nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: integer
      Format: uint16

```

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_source\_external\_ipam\_port'

'204':  
**Description:** No Content  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':

```

    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
put:

  Tags:
  - data
  - put
  Operation ID:
  data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_port_put

  Parameters:
  - Name: instance-instance-id
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam_port'

    Required/Optional: true

  Responses:
  '201':
    Description: leaf port created or replaced
    Content: {}
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':

```

```

      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: port
delete:

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_port_delete

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

Responses:
  '204':
    Description: No Content
    Content: {}
  security:
  - basicAuth: []
options:

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_port_options

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

Responses:
  '200':
    Description: OK
    Content: {}

```

**security:**  
 - **basicAuth:** []  
**head:**

**Tags:**

- data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_source\_external\_ipam\_port\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** leafref

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** config  
   **enum:**  
     - config  
     - nonconfig  
     - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** integer  
   **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string

- **Name:** filter  
**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_source\_external\_ipam\_port\_patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

**Request Body:**

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source\_external\_ipam\_port'

**Required/Optional:** true



```

Responses:
  '204':
    Description: leaf port updated
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: port

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/source/external/ipam/vendor

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_vendor_get

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true

```

```

Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':

```

```

    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_source_external_ipam_vendor'

    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  put:

  Tags:
  - data
  - put
  Operation ID:
  data_cisco_cn_ipam_ipam_instance_instance_instance-id_source_external_ipam_vendor_put

  Parameters:
  - Name: instance-instance-id
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_source_external_ipam_vendor'

    Required/Optional: true

```

**Responses:**

```
'201':
  Description: leaf vendor created or replaced
  Content: {}
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
```

**security:**

```
- basicAuth: []
```

```
x-codegen-request-body-name: vendor
```

**delete:****Tags:**

```
- data
- delete
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_vendor_delete
```

**Parameters:**

```
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
```

**Responses:**

```
'204':
  Description: No Content
  Content: {}
```

**security:**

```
- basicAuth: []
```

**options:****Tags:**

```
- data
```

- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_source\_external\_ipam\_vendor\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref

**Responses:**

'200':  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_source\_external\_ipam\_vendor\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**  
- config  
- nonconfig  
- all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response

**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** integer  
   **Format:** uint16  
**- Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**'200':**  
   **Description:** OK  
   **Content:** {}

**security:**

- **basicAuth:** []

**patch:****Tags:**

- data  
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_source\_external\_ipam\_vendor\_patch

```

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam_vendor'

      Required/Optional: true

Responses:
'204':
  Description: leaf vendor updated
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: vendor

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool

options:

```

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_options

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}

**Parameters:**

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** leafref

**Responses:**

- '200':
  - Description:** OK
  - Content:** {}
- security:**
  - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_get

**Parameters:**

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** string
- **Name:** content
- In:** query
- Description:** controlling descendant nodes in response
- Required/Optional:** false
- Style:** form



**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name'

'204':
  Description: No Content
  Content: {}

'400':
  Description: Bad Request
  Content: {}

'401':
  Description: Unauthorized
  Content: {}

'404':
  Description: Not Found
  Content: {}

'405':
  Description: Method Not Allowed
  Content: {}

'409':
  Description: Conflict
  Content: {}

security:
- basicAuth: []

put:

  Tags:
  - data
  - put

  Operation ID:
  data_cisco_cn_ipam_ipam_instance_instance_instance-id_address_pool_address_pool_pool_name_put

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string

```

```

    Format: string
- Name: insert
  In: query
  Description: controlling the order when adding new list elements
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: first
    enum:
      - first
      - last
      - before
      - after
- Name: point
  In: query
  Description: used to specify the insertion point
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name'

  Required/Optional: true

Responses:
  '201':
    Description: list address-pool created or replaced
    Content: {}
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}

```

```

    '409':
      Description: Conflict
      Content: {}
    security:
      - basicAuth: []
    x-codegen-request-body-name: address-pool
  delete:

  Tags:
  - data
  - delete
  Operation ID:
  data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_delete

```

```

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

```

Responses:
  '204':
    Description: No Content
    Content: {}
  security:
    - basicAuth: []
  options:

  Tags:
  - data
  - options
  Operation ID:
  data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_options

```

```

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false

```

```

    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string

  Responses:
    '200':
      Description: OK
      Content: {}
    security:
      - basicAuth: []
  head:

  Tags:
  - data
  - head

  Operation ID:
  data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_head

```

```

  Parameters:
  - Name: instance-instance-id
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: content
    In: query
    Description: controlling descendant nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration

```

```

    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content: {}

```

**security:**

```

- basicAuth: []
patch:

Tags:
- data
- patch
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_patch

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name'

Required/Optional: true

Responses:
'204':
  Description: list address-pool updated
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':

```

**Description:** Conflict  
**Content:** {}  
**security:**  
 - **basicAuth:** []  
**x-codegen-request-body-name:** address-pool

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/pool-name

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_pool\_name\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query



**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** integer  
   **Format:** uint16  
**- Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
   - report-all  
   - trim  
   - explicit  
   - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
   **application/yang-data+json:**  
     **Schema:**  
     **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_pool-name'

**'204':**  
**Description:** No Content  
**Content:** {}

```

    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
put:

Tags:
- data
- put
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_pool_name_put

```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Request Body:**

```

Content:
  application/yang-data+json:
    Schema:
      Reference:

```

```

'#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_pool_name'

```

```

  Required/Optional: true

```

**Responses:**

```

'201':
  Description: leaf pool-name created or replaced
  Content: {}
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: pool-name
delete:

```

**Tags:**

- data
- delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_pool\_name\_delete

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string

**Responses:**

```
'204':
```

**Description:** No Content  
**Content:** {}  
**security:**  
 - **basicAuth:** []  
**options:**

**Tags:**  
 - data  
 - options

**Operation ID:**  
 data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_pool\_name\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:**

'200':  
**Description:** OK  
**Content:** {}  
**security:**  
 - **basicAuth:** []

**head:**

**Tags:**  
 - data  
 - head

**Operation ID:**  
 data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_pool\_name\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string

- Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_pool\_name\_patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

**Request Body:**

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_pool-name'

**Required/Optional:** true

**Responses:**

```

'204':
  Description: leaf pool-name updated
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: pool-name

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/address-quarantine-timer

**get:****Tags:**

```
- data
- get
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_address_quarantine_timer_get
```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:

```

```
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
```



**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_address-quarantine-timer'

'204':  
**Description:** No Content  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':  
**Description:** Not Found  
**Content:** {}  
 '405':  
**Description:** Method Not Allowed  
**Content:** {}  
 '409':  
**Description:** Conflict  
**Content:** {}

**security:**  
 - basicAuth: []

**put:**

**Tags:**  
 - data  
 - put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance-id\_address\_pool\_address\_pool\_pool-name\_address\_quarantine\_timer\_put

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref

```

- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_address-quarantine-timer'

    Required/Optional: true

  Responses:
    '201':
      Description: leaf address-quarantine-timer created or replaced
      Content: {}
    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  x-codegen-request-body-name: address-quarantine-timer
delete:

  Tags:
  - data
  - delete
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_address_quarantine_timer_delete

  Parameters:
  - Name: instance-instance-id

```

```

    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string

Responses:
  '204':
    Description: No Content
    Content: {}
  security:
  - basicAuth: []
options:

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_address_quarantine_timer_options

```

```

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

Responses:
  '200':
    Description: OK
    Content: {}

```

**security:**  
 - **basicAuth:** []

**head:**

**Tags:**

- data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_address\_quarantine\_timer\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query

**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

**patch:****Tags:**

- data  
 - patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_address\_quarantine\_timer\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

```

    Type: string
    Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_address-quarantine-timer'

    Required/Optional: true

  Responses:
    '204':
      Description: leaf address-quarantine-timer updated
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: address-quarantine-timer

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/address-quarantine-qsize

get:

```

  Tags:
  - data
  - get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_address\_quarantine\_qsize\_get

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string

- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_address-quarantine-qsize'

'204':  
**Description:** No Content  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':  
**Description:** Not Found  
**Content:** {}  
 '405':  
**Description:** Method Not Allowed  
**Content:** {}  
 '409':  
**Description:** Conflict  
**Content:** {}

**security:**



- basicAuth: []  
put:

**Tags:**

- data  
- put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_address\_quarantine\_qsize\_put

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref

- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

**Request Body:**

**Content:**  
  **application/yang-data+json:**  
    **Schema:**  
      **Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_address\_quarantine\_qsize'

**Required/Optional:** true

**Responses:**

'201':  
  **Description:** leaf address-quarantine-qsize created or replaced  
  **Content:** {}

'204':  
  **Description:** No Content  
  **Content:** {}

'400':  
  **Description:** Bad Request  
  **Content:** {}

'401':  
  **Description:** Unauthorized  
  **Content:** {}

'404':  
  **Description:** Not Found  
  **Content:** {}

'405':

**Description:** Method Not Allowed  
**Content:** {}  
**'409':**  
**Description:** Conflict  
**Content:** {}  
**security:**  
 - **basicAuth:** []  
**x-codegen-request-body-name:** address-quarantine-qsize  
**delete:**

**Tags:**

- data  
- delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_address\_quarantine\_qsize\_delete

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref  
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:**

**'204':**  
**Description:** No Content  
**Content:** {}

**security:**  
- **basicAuth:** []

**options:****Tags:**

- data  
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_address\_quarantine\_qsize\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true

```

    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string

Responses:
  '200':
    Description: OK
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head

Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_address_quarantine_qsize_head

```

```

Parameters:
  - Name: instance-instance-id
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: content
    In: query
    Description: controlling descendant nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:

```

```

    Type: string
    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK

```

```

    Content: {}
  security:
    - basicAuth: []
  patch:

```

```

  Tags:
    - data
    - patch

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_address\_quarantine\_qsize\_patch

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Request Body:**

```

  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_address-quarantine-qsize'

```

    Required/Optional: true

```

**Responses:**

```

'204':
  Description: leaf address-quarantine-qsize updated
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed

```

```

    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: address-quarantine-qsize

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/offline

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_offline_get

```

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all

```

- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:**

application/yang-data+json:

**Schema:****Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_offline'

'204':

```

    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
put:

Tags:
- data
- put
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_offline_put

```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Request Body:**

```

Content:
  application/yang-data+json:
    Schema:
      Reference:

```

```
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_offline'
```

```
Required/Optional: true
```



**Responses:**

'201':  
**Description:** leaf offline created or replaced  
**Content:** {}

'204':  
**Description:** No Content  
**Content:** {}

'400':  
**Description:** Bad Request  
**Content:** {}

'401':  
**Description:** Unauthorized  
**Content:** {}

'404':  
**Description:** Not Found  
**Content:** {}

'405':  
**Description:** Method Not Allowed  
**Content:** {}

'409':  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** offline

**delete:****Tags:**

- data  
 - delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_offline\_delete

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref

- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:**

'204':

**Description:** No Content**Content:** {}**security:**- **basicAuth:** []**options:****Tags:**- data  
- options**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_offline\_options

**Parameters:**- **Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref- **Name:** address-pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**Responses:**

'200':

**Description:** OK**Content:** {}**security:**- **basicAuth:** []**head:****Tags:**- data  
- head**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_offline\_head

**Parameters:**- **Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false

```
Schema:
  Type: string
  Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
```

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

'200':  
  **Description:** OK  
  **Content:** {}

**security:**

- **basicAuth:** []

**patch:****Tags:**

- data  
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_offline\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref  
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

**Request Body:**

**Content:**  
  **application/yang-data+json:**  
  **Schema:**  
  **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_offline'

**Required/Optional:** true

**Responses:**

'204':  
**Description:** leaf offline updated  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':  
**Description:** Not Found  
**Content:** {}  
 '405':  
**Description:** Method Not Allowed  
**Content:** {}  
 '409':  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []  
**x-codegen-request-body-name:** offline

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/vrf-name

**get:**

**Tags:**

- data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_vrf\_name\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref  
 - **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple

```

Explode: false
Schema:
  Type: string
  Format: string
- Name: content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
In: query
Description: xpath expression to filter data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:

```

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_vrf-name'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**  
**Description:** Bad Request  
**Content:** {}  
**'401':**  
**Description:** Unauthorized  
**Content:** {}  
**'404':**  
**Description:** Not Found  
**Content:** {}  
**'405':**  
**Description:** Method Not Allowed  
**Content:** {}  
**'409':**  
**Description:** Conflict  
**Content:** {}

**security:**  
 - **basicAuth:** []

**put:**

**Tags:**  
 - data  
 - put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance-id\_address\_pool\_address\_pool\_pool-name\_vrf\_name\_put

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

```

    Type: string
    Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_vrf-name'

    Required/Optional: true

  Responses:
    '201':
      Description: leaf vrf-name created or replaced
      Content: {}
    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: vrf-name
delete:

  Tags:
  - data
  - delete
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_vrf_name_delete

```



**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string

**Responses:**

- '204':
  - Description:** No Content
  - Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_vrf\_name\_options

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string

**Responses:**

- '200':

```

    Description: OK
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head

Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_vrf_name_head

```

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:** {}**security:**

- **basicAuth:** []

**patch:****Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_vrf\_name\_patch

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple

```

    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_vrf-name'

    Required/Optional: true

  Responses:
    '204':
      Description: leaf vrf-name updated
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: vrf-name

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4

get:

Tags:

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict

```

```

    Content: {}
  security:
  - basicAuth: []
  put:

```

**Tags:**

```

- data
- put

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_put
```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Request Body:**

```

  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4'
```

```

    Required/Optional: true

```

**Responses:**

```

'201':
  Description: container ipv4 created or replaced
  Content: {}
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found

```

```

    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: ipv4
Method: Post

Tags:
- data
- post
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_post

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4-post'

Required/Optional: true

Responses:
  '201':
    Description: container ipv4 created
    Content: {}
  '204':
    Description: No Content
    Content: {}
  '400':

```



```

    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: ipv4
delete:

```

**Tags:**

- data
- delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_delete

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string

**Responses:**

- '204':
  - Description:** No Content
  - Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

**Responses:**

- '200':  
  **Description:** OK  
  **Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

```
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
```

**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:** {}

**security:**  
 - **basicAuth:** []

**patch:****Tags:**

- data  
 - patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref  
 - **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Request Body:**

**Content:**  
**application/yang-data+json:**  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address\_pool\_address-pool-pool-name\_ipv4'

**Required/Optional:** true

**Responses:**

**'204':**  
**Description:** container ipv4 updated  
**Content:** {}

**'400':**  
**Description:** Bad Request

```

    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: ipv4

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range

### options:

#### Tags:

- data
- options

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_address\_range\_options

### Parameters:

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string

### Responses:

- '200':
  - Description:** OK
  - Content:** {}

```

    security:
      - basicAuth: []
  ?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range={address-range-start-address},{address-range-end-address}
: get:

Tags:
- data
- get

Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_address_range_address_range_start_address_address_range_end_address_get

```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** address-range-start-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** address-range-end-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

```

    Type: string
    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

Responses:
  '200':
    Description: OK
```

```

Content:
  application/yang-data+json:
    Schema:
      Reference:
        '#components/schemas/data-cisco-cn-ipam:ipam/instance-instance-id/address-pool-address-pool-pool-name-ipv4/address-range-address-range-start-address-address-range-end-address'

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
put:

Tags:
- data
- put
Operation ID:
data-cisco-cn-ipam:ipam/instance-instance-id/address-pool-address-pool-pool-name-ipv4/address-range-address-range-start-address-address-range-end-address

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address

```



```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: address-range-end-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: insert
In: query
Description: controlling the order when adding new list elements
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: first
  enum:
    - first
    - last
    - before
    - after
- Name: point
In: query
Description: used to specify the insertion point
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
"/configs/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range/address-range-stat/address-range-end-address"
Required/Optional: true

Responses:
'201':
  Description: list address-range created or replaced
  Content: {}
'204':

```

```

    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: address-range
delete:

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_address_range_address_range_start_address_address_range_end_address_delete

```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string

```

**Format:** string

- **Name:** address-range-end-address
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** string

**Responses:**

'204':

**Description:** No Content**Content:** {}**security:**- **basicAuth:** []**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_options

**Parameters:**

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** string
- **Name:** address-range-start-address
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** string
- **Name:** address-range-end-address
- In:** path
- Required/Optional:** true

**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

**Responses:**

'200':  
  **Description:** OK  
  **Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** address-range-start-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** address-range-end-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string

```
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
```

```

enum:
- report-all
- trim
- explicit
- report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content: {}

```

**security:**

```

- basicAuth: []

```

**patch:****Tags:**

```

- data
- patch

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_address_range_address_range_start_address_address_range_end_address_patch

```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

#/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range/address-range-start-address/address-range-end-address'

**Required/Optional:** true**Responses:**

'204':

**Description:** list address-range updated**Content:** {}

'400':

**Description:** Bad Request**Content:** {}

'401':

**Description:** Unauthorized**Content:** {}

'404':

**Description:** Not Found**Content:** {}

'405':

**Description:** Method Not Allowed**Content:** {}

'409':

**Description:** Conflict**Content:** {}**security:**

- basicAuth: []

**x-codegen-request-body-name:** address-range

?

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range={address-range-start-address},{address-range-end-address}/start-address

**: get:****Tags:**- data  
- get**Operation ID:**

data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range/address-range-start-address/address-range-end-address/start-address-get

**Parameters:**- **Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref- **Name:** address-pool-pool-name**In:** path

```

Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:

```





**Content:** {}  
**security:**  
 - **basicAuth:** []  
**put:**

**Tags:**

- data  
 - put

**Operation ID:**

data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv4/address-range/address-range-start-address/address-range-end-address/start-address

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** address-range-start-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** address-range-end-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Request Body:**

**Content:**  
**application/yang-data+json:**

**Schema:****Reference:**

"/api/v1/ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv4/address-range/address-range-start-address/address-range-end-address/start-address"

**Required/Optional:** true

**Responses:**

'201':  
**Description:** leaf start-address created or replaced  
**Content:** {}

'204':  
**Description:** No Content  
**Content:** {}

'400':  
**Description:** Bad Request  
**Content:** {}

'401':  
**Description:** Unauthorized  
**Content:** {}

'404':  
**Description:** Not Found  
**Content:** {}

'405':  
**Description:** Method Not Allowed  
**Content:** {}

'409':  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** start-address

**delete:****Tags:**

- data  
 - delete

**Operation ID:**

~~data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range/address-range-start-address/delete~~

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref

- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** address-range-start-address

**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string  
- **Name:** address-range-end-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

**Responses:**

**'204':**  
  **Description:** No Content  
  **Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data  
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_start\_address\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref  
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string  
- **Name:** address-range-start-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false

**Schema:**

**Type:** string  
**Format:** string

- **Name:** address-range-end-address
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** string

**Responses:**

**'200':**  
**Description:** OK  
**Content:** {}

- security:**
- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_start\_address\_head

**Parameters:**

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** string
- **Name:** address-range-start-address
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** string
- **Name:** address-range-end-address

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
In: query
Description: xpath expression to filter data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false

```

**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**  
 '200':  
**Description:** OK  
**Content:** {}  
**security:**  
 - **basicAuth:** []

**patch:**

**Tags:**  
 - data  
 - patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_start\_address\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** address-range-start-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** address-range-end-address  
**In:** path

```

    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
    Request Body:
      Content:
        application/yang-data+json:
          Schema:
            Reference:
              #/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv4/address-range/address-range-start-address/address-range-end-address/end-address

    Required/Optional: true

  Responses:
    '204':
      Description: leaf start-address updated
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: start-address
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv4/address-range={address-range-start-address},{address-range-end-address}/end-address
: get:

  Tags:
  - data
  - get
  Operation ID:
    data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv4/address-range={address-range-start-address},{address-range-end-address}/end-address.get

  Parameters:
  - Name: instance-instance-id
    In: path
    Required/Optional: true
    Style: simple

```



```
    Explode: false
    Schema:
      Type: string
      Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
```

**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: enumeration  
 Default: report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

[#/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv4/address-range/status-address-address-range-entries-entries](#)

'204':  
**Description:** No Content  
**Content:** {}

'400':  
**Description:** Bad Request  
**Content:** {}

'401':  
**Description:** Unauthorized  
**Content:** {}

'404':  
**Description:** Not Found

```

    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
put:

```

**Tags:**

```

- data
- put

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_end\_address\_put

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Request Body:**

```

Content:

```

```

    application/yang-data+json:
      Schema:
      Reference:
      %comats/shas/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range/start-address={address-range-start-address}
      Required/Optional: true

Responses:
  '201':
    Description: leaf end-address created or replaced
    Content: {}
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: end-address
delete:

Tags:
- data
- delete
Operation ID:
data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range/start-address={address-range-start-address}/end-address={end-address}/delete

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true

```

```

Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Responses:****'204':****Description:** No Content**Content:** {}**security:**- **basicAuth:** []**options:****Tags:**- data  
- options**Operation ID:**

data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range={address-range-start-address}-address-range-end-address-attributes

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string

```

**Format:** string

- **Name:** address-range-start-address
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** string
- **Name:** address-range-end-address
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** string

**Responses:**

'200':

- Description:** OK
- Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_end\_address\_head

**Parameters:**

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** string
- **Name:** address-range-start-address
- In:** path
- Required/Optional:** true

```

Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:

```

**Type:** string  
**Format:** string  
**Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

**patch:****Tags:**

- data  
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_instance\_instance\_id\_address\_pool\_pool\_name\_ipv4\_address\_range\_start\_address\_end\_address\_path

**Parameters:**

**Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref  
**Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
**Name:** address-range-start-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple



```

    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: address-range-end-address
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            #/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range/stat-address-address-range-end-address
    Required/Optional: true

  Responses:
    '204':
      Description: leaf end-address updated
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: end-address
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range={address-range-stat-address},{address-range-end-address}/offline
: get:

  Tags:
  - data
  - get
  Operation ID:
  data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_address_range_address_range_stat_address_address_range_end_address_offline_get

```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** address-range-start-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** address-range-end-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false

```

Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

#/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range-statistics-address-range-entries-offline'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request

```

```

    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}

```

**security:**

```
- basicAuth: []
```

**put:****Tags:**

```
- data
- put
```

**Operation ID:**

```
data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv4/address-range={address-range-start-address}_{address-range-end-address}_of{fireport}
```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple

```

```

Explode: false
Schema:
  Type: string
  Format: string
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          %ComponentRefs/data-cisco-cn-ipam:ipam:instance-instance-id:address-pool:address-pool:pool:ipv4:address-range:address-range:start-address:address-range:end-address:offline'

Required/Optional: true

Responses:
  '201':
    Description: leaf offline created or replaced
    Content: {}
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
  - basicAuth: []
x-codegen-request-body-name: offline
delete:

Tags:
  - data
  - delete
Operation ID:
  data-cisco-cn-ipam:ipam:instance-instance-id:address-pool:address-pool:pool:ipv4:address-range:address-range:start-address:address-range:end-address:offline:delete

Parameters:
  - Name: instance-instance-id
    In: path
    Required/Optional: true
    Style: simple
    Explode: false

```

**Schema:**

- Type:** string
- Format:** leafref
- **Name:** address-pool-pool-name
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** string
- **Name:** address-range-start-address
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** string
- **Name:** address-range-end-address
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** string

**Responses:**

- '204':
- Description:** No Content
- Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_offline\_options

**Parameters:**

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name

```

    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: address-range-start-address
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: address-range-end-address
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string

Responses:
  '200':
    Description: OK
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head

Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_address_range_address_range_start_address_address_range_end_address_offline_head

```

**Parameters:**

- Name: instance-instance-id
  - In: path
  - Required/Optional: true
  - Style: simple
  - Explode: false
  - Schema:
    - Type: string
    - Format: leafref
- Name: address-pool-pool-name
  - In: path
  - Required/Optional: true
  - Style: simple
  - Explode: false

```

Schema:
  Type: string
  Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter

```



**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_offline\_patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

```

    Type: string
    Format: string
  - Name: address-range-start-address
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: address-range-end-address
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#components/schemas/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv4/address-range/address-range-start-address/address-range-end-address/offline'

    Required/Optional: true

Responses:
  '204':
    Description: leaf offline updated
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
  - basicAuth: []
x-codegen-request-body-name: offline
?
# /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv4/address-range/address-range-start-address/address-range-end-address/offline
: get:

```

**Tags:**

- data
- get

**Operation ID:**

data-cisco-cn-ipam:instance-instance-id/address-pool-pool-name-ipv4/address-range-start-address-address-range-end-address-discovery-and-fault-get

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** address-range-start-address
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** address-range-end-address
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config

- nonconfig
- all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:**

application/yang-data+json:

**Schema:****Reference:**

```
#/config/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv4/address-range/status/addresses/cisco-ypandefault-gate
```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
put:

Tags:
- data
- put
Operation ID:
data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range/address-range-start-address/address-range-end-address/cisco-by-id/default-gateway

```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** address-range-start-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

```

    Type: string
    Format: string
  - Name: address-range-end-address
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            %/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv4/address-range/statistics/address-range-end-address-cisco-cn-ipam:default-gatew
    Required/Optional: true

  Responses:
    '201':
      Description: leaf default-gateway created or replaced
      Content: {}
    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  x-codegen-request-body-name: default-gateway
  delete:

  Tags:
  - data
  - delete
  Operation ID:
    data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv4/address-range/statistics/address-range-end-address-cisco-cn-ipam:default-gatew delete

```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** address-range-start-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** address-range-end-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string

**Responses:**

'204':

**Description:** No Content**Content:** {}**security:**

- **basicAuth:** []

**options:****Tags:**

- data
- options

**Operation ID:**

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range/address-range-start-address/address-range-end-address/cisco-by-janet/default-gateway/operations

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true

```

Style: simple
Explode: false
Schema:
  Type: string
  Format: leafref
- Name: address-pool-pool-name
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: address-range-start-address
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: address-range-end-address
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string

```

**Responses:**

```

'200':
  Description: OK
  Content: {}

```

**security:**

```

- basicAuth: []

```

**head:****Tags:**

```

- data
- head

```

**Operation ID:**

```

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range={address-range-start-address}/address-range={address-range-end-address}/display={display-name}/default-gateway={default-gateway}

```

**Parameters:**

```

- Name: instance-instance-id
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string

```



```

    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false

```

**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**'200':**  
   **Description:** OK  
   **Content:** {}

**security:**

- **basicAuth:** []

**patch:****Tags:**

- data  
- patch

**Operation ID:**

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv4/address-range/stat/address-range/addresses/ipv4/default-gateway/patch

**Parameters:**

**- Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** leafref

- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** address-range-start-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** address-range-end-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string

**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

```

#(components/schemas/instance-instance-id/address-pool-pool-name/ipv4/address-range-start-address-address-end-address-cisco-cn-ipam/default-gatew

```

**Required/Optional:** true**Responses:**

'204':

**Description:** leaf default-gateway updated**Content:** {}

'400':

**Description:** Bad Request**Content:** {}

'401':

**Description:** Unauthorized**Content:** {}

'404':

**Description:** Not Found**Content:** {}

'405':

**Description:** Method Not Allowed**Content:** {}

'409':

**Description:** Conflict**Content:** {}

```

security:
- basicAuth: []
x-codegen-request-body-name: default-gateway

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range

options:

```

Tags:
- data
- options

```

Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_options

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

Responses:

```

'200':
  Description: OK
  Content: {}

```

security:

```

- basicAuth: []

```

?

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range={prefix-range-prefix},{prefix-range-length}

: get:

Tags:

```

- data
- get

```

Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_get

Parameters:

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

**Schema:****Type:** integer**Format:** uint16**- Name:** fields**In:** query**Description:** optionally identify specific data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** string**- Name:** filter**In:** query**Description:** xpath expression to filter data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** string**- Name:** with-defaults**In:** query**Description:** controlling default values in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** report-all**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:****'200':****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```
"/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range/prefix-range-prefix/prefix-range-length"
```

**'204':****Description:** No Content**Content:** {}**'400':****Description:** Bad Request**Content:** {}**'401':**

```

    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
put:

```

**Tags:**

- data
- put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_range\_length\_put

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** prefix-range-prefix
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** prefix-range-length
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**

```

    Type: integer
    Format: uint32
- Name: insert
  In: query
  Description: controlling the order when adding new list elements
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: first
    enum:
      - first
      - last
      - before
      - after
- Name: point
  In: query
  Description: used to specify the insertion point
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data-cisco-cn-ipam:ipam/instance-instance-id/address-pool-address-pool-pool-name-ipv4/prefix-range-prefix-range-prefix-range-length'

    Required/Optional: true

Responses:
  '201':
    Description: list prefix-range created or replaced
    Content: {}
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed

```



```

    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: prefix-range
delete:

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_delete

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32

```

**Responses:**

```

'204':
  Description: No Content

```

**Content:** {}  
**security:**  
 - **basicAuth:** []  
**options:**

**Tags:**  
 - data  
 - options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_range\_length\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32

**Responses:**

'200':  
**Description:** OK  
**Content:** {}

**security:**  
 - **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config

```

    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []
patch:
```

**Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_range\_length\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32

**Request Body:**

**Content:**  
 application/yang-data+json:

**Schema:**

**Reference:**

"/comments/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance-id\_address\_pool\_address\_pool-pool-name\_ipv4\_prefix-range\_prefix-range-prefix\_prefix-range-length"

**Required/Optional:** true

**Responses:**

'204':

**Description:** list prefix-range updated

**Content:** {}

```

'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: prefix-range
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range={prefix-range-prefix},{prefix-range-length}/prefix
: get:

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_prefix_range_prefix_range_prefix_prefix_range_length_prefix_get

```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string

- Format:** string
- **Name:** prefix-range-length
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

'#/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range/prefix-range/prefix-range-length/prefix'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

**put:**

**Tags:**

- data
- put

**Operation ID:**

data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range/prefix-range/prefix-range-length/prefix.put

**Parameters:**

- **Name:** instance-instance-id



```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: leafref
- Name: address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: prefix-range-prefix
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: prefix-range-length
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32

```

**Request Body:**

```

Content:
  application/yang-data+json:
    Schema:
      Reference:

```

```

"/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range-prefix-range-prefix-range-length-prefix'

```

```

Required/Optional: true

```

**Responses:**

```

'201':
  Description: leaf prefix created or replaced
  Content: {}
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized

```

```

    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: prefix
delete:

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_range\_length\_prefix\_delete

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:

```

**Type:** integer  
**Format:** uint32

**Responses:**

'204':

**Description:** No Content

**Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data  
 - options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_prefix\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32

**Responses:**

'200':  
**Description:** OK  
**Content:** {}

**security:**  
 - **basicAuth:** []

**head:**

**Tags:**  
 - data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_prefix\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
  **In:** query  
  **Description:** limit the depth of nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
  **In:** query  
  **Description:** optionally identify specific data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
  **In:** query  
  **Description:** xpath expression to filter data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
  **In:** query  
  **Description:** controlling default values in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all  
    - trim  
    - explicit  
    - report-all-tagged

**Responses:**  
  '200':

```

    Description: OK
    Content: {}
  security:
  - basicAuth: []
patch:

Tags:
- data
- patch
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_prefix_range_prefix_range_prefix_range_length_prefix_patch

```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** integer  
  **Format:** uint32

**Request Body:**

```

Content:
  application/yang-data+json:
  Schema:

```

**Reference:**

```

'#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_prefix_range_prefix_range_prefix_range_length_prefix'

```

**Required/Optional:** true

**Responses:**

'204':  
**Description:** leaf prefix updated  
**Content:** {}

'400':  
**Description:** Bad Request  
**Content:** {}

'401':  
**Description:** Unauthorized  
**Content:** {}

'404':  
**Description:** Not Found  
**Content:** {}

'405':  
**Description:** Method Not Allowed  
**Content:** {}

'409':  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** prefix

?

**/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range={prefix-range-prefix},{prefix-range-length}/length**  
**: get:**

**Tags:**

- data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_length\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref

- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** prefix-range-prefix

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: prefix-range-length
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
In: query
Description: xpath expression to filter data nodes in response
Required/Optional: false
Style: form

```



```

Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range/prefix-range-length'
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
  - basicAuth: []
put:

Tags:
  - data

```

- put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_length\_put

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32

**Request Body:**

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_length'

**Required/Optional:** true

**Responses:**

'201':

**Description:** leaf length created or replaced

**Content:** {}

'204':

**Description:** No Content

```

    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: length
delete:

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_prefix_range_prefix_range_prefix_range_prefix_range_length_length_delete

```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** integer  
  **Format:** uint32

**Responses:**

'204':  
  **Description:** No Content  
  **Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data  
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_range\_length\_length\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref

- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple

**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32

**Responses:**  
 '200':  
**Description:** OK  
**Content:** {}  
**security:**  
 - **basicAuth:** []  
**head:**

**Tags:**  
 - data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_length\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32

- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:** {}**security:**

- **basicAuth:** []

**patch:****Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_length\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32

**Request Body:**

**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

'#/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range={prefix-range-prefix}\_{prefix-range-length}\_{length}'

**Required/Optional:** true

**Responses:**

'204':  
**Description:** leaf length updated  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':  
**Description:** Not Found  
**Content:** {}  
 '405':  
**Description:** Method Not Allowed  
**Content:** {}  
 '409':  
**Description:** Conflict  
**Content:** {}

**security:**

- basicAuth: []

**x-codegen-request-body-name:** length

?

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range={prefix-range-prefix}\_{prefix-range-length}/offline  
 : get:

**Tags:**

- data  
 - get

**Operation ID:**

data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range={prefix-range-prefix}\_{prefix-range-length}\_offline\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref  
 - **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true



```
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
```

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

'#/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range/prefix-range/prefix-range-length offline'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**  
 - **basicAuth:** []  
**put:**

**Tags:**  
 - data  
 - put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_offline\_put

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref

- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32

**Request Body:**

**Content:**  
**application/yang-data+json:**  
**Schema:**  
**Reference:**

#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_offline

**Required/Optional:** true

**Responses:**

```
'201':
  Description: leaf offline created or replaced
  Content: {}
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
```

**security:**

```
- basicAuth: []
```

```
x-codegen-request-body-name: offline
```

**delete:****Tags:**

```
- data
- delete
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_prefix_range_prefix_range_prefix_range_length_offline_delete
```

**Parameters:**

```
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
```

**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string  
 - **Name:** prefix-range-length  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** integer  
     **Format:** uint32

**Responses:**  
 '204':  
   **Description:** No Content  
   **Content:** {}  
**security:**  
 - **basicAuth:** []  
**options:**

**Tags:**  
 - data  
 - options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_range\_length\_offline\_options

**Parameters:**  
 - **Name:** instance-instance-id  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** leafref  
 - **Name:** address-pool-pool-name  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string  
 - **Name:** prefix-range-prefix  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**

**Type:** string  
**Format:** string  
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32

**Responses:**

'200':  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_range\_length\_offline\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref  
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
- **Name:** prefix-range-length  
**In:** path

```
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
```

**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**  
  '200':  
    **Description:** OK  
    **Content:** {}

**security:**  
  - **basicAuth:** []

**patch:**

**Tags:**

- data  
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_range\_length\_offline\_patch

**Parameters:**

- **Name:** instance-instance-id  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** leafref

- **Name:** address-pool-pool-name  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** prefix-range-prefix  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** prefix-range-length  
  **In:** path  
  **Required/Optional:** true



```

Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#components/schemas/data-cisco-cn-ipam:ipam:instance-instance-id:address-pool-address-pool-pool-name-ipv4-prefix-range-prefix-range-prefix-range-length-offline'

  Required/Optional: true

Responses:
  '204':
    Description: leaf offline updated
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
  - basicAuth: []
x-codegen-request-body-name: offline
?
/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range={prefix-range-prefix-range-prefix-range-length}/cisco-cn-ipam:offline
: get:

Tags:
- data
- get
Operation ID:
data-cisco-cn-ipam:ipam:instance-instance-id:address-pool-address-pool-pool-name-ipv4-prefix-range-prefix-range-prefix-range-length-cisco-cn-ipam:default-gateway-get

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false

```

```

Schema:
  Type: string
  Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query

```

**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**

**Reference:**

[#/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range/prefix-range-high-cidr-by-ipam-default-gw/](#)

'204':  
**Description:** No Content  
**Content:** {}

'400':  
**Description:** Bad Request  
**Content:** {}

'401':  
**Description:** Unauthorized  
**Content:** {}

'404':  
**Description:** Not Found  
**Content:** {}

```
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
```

```
security:
- basicAuth: []
```

```
put:
```

```
Tags:
```

```
- data
- put
```

```
Operation ID:
```

```
data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range={prefix-range-prefix}/prefix-range-length={prefix-range-length}/cisco-by-ipam/default-gateway
```

```
Parameters:
```

```
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
```

```
Request Body:
```

```
Content:
  application/yang-data+json:
```

**Schema:****Reference:**

```
#/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range/prefix-range-length/cisco-cn-ipam:default-gateway
```

**Required/Optional:** true

**Responses:**

'201':

**Description:** leaf default-gateway created or replaced

**Content:** {}

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** default-gateway

**delete:****Tags:**

- data
- delete

**Operation ID:**

```
data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range/prefix-range/prefix-range-length/cisco-cn-ipam:default-gateway/delete
```

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

```

Explode: false
Schema:
  Type: string
  Format: string
- Name: prefix-range-prefix
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: prefix-range-length
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32

```

**Responses:**

```

'204':
  Description: No Content
  Content: {}

```

**security:**

```

- basicAuth: []

```

**options:****Tags:**

```

- data
- options

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_name_ipv4_prefix_range_prefix_range_prefix_range_length_discriminator_ipam_default_gateway_options

```

**Parameters:**

```

- Name: instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: leafref
- Name: address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string

```

- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32

**Responses:**

- '200':
  - Description:** OK
  - Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_range\_prefix\_range\_length\_cisco\_cn\_ipam\_default\_gateway

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple

```

Explode: false
Schema:
  Type: string
  Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string

```



**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**patch:****Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_instance\_instance\_id\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_range\_length\_display\_ipam\_default\_gateway\_patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** prefix-range-prefix

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

```

Schema:
  Type: string
  Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          #/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv4/prefix-range/prefix-range-length/choice/leaf/default-gatew/
          Required/Optional: true

Responses:
  '204':
    Description: leaf default-gateway updated
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: default-gateway

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv4/split-size

get:

Tags:  
- data

- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_get

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string

**Format:** string

- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size'

'204':  
**Description:** No Content  
**Content:** {}

'400':  
**Description:** Bad Request  
**Content:** {}

'401':  
**Description:** Unauthorized  
**Content:** {}

'404':  
**Description:** Not Found  
**Content:** {}

'405':  
**Description:** Method Not Allowed  
**Content:** {}

'409':  
**Description:** Conflict  
**Content:** {}

```

security:
- basicAuth: []
put:

```

**Tags:**

```

- data
- put

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_split_size_put
```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Request Body:**

```

Content:
  application/yang-data+json:
    Schema:
      Reference:

```

```
'#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_split_size'
```

```
Required/Optional: true
```

**Responses:**

```

'201':
  Description: container split-size created or replaced
  Content: {}
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}

```

```

    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: split-size
Method: Post

Tags:
- data
- post
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_split_size_post

```

```

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        '#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_split_size_post'
    Required/Optional: true

```

```

Responses:
'201':
  Description: container split-size created
  Content: {}
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request

```

```

    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: split-size
delete:

```

**Tags:**

- data
- delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_delete

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string

**Responses:**

- '204':  
   **Description:** No Content  
   **Content:** {}

**security:**

- basicAuth: []

**options:****Tags:**

- data

- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string

**Responses:**

'200':  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string



- Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all

```

enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content: {}

```

**security:**

```

- basicAuth: []

```

**patch:****Tags:**

```

- data
- patch

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_split_size_patch
```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Request Body:**

```

Content:
  application/yang-data+json:
    Schema:
      Reference:

```

```
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_split-size'
```

```
Required/Optional: true
```

**Responses:**

```

'204':
  Description: container split-size updated
  Content: {}

```

```

'400':
  Description: Bad Request
  Content: {}

```

```

'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: split-size

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/split-size/per-cache

get:

```

Tags:
- data
- get

```

Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_per\_cache\_get

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form

```

```

Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4_split-size_per-cache'

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
put:

Tags:
- data
- put
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance-id_address_pool_address_pool_pool_name_ipv4_split_size_per_cache_put

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string

```

```

    Format: string
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance-instance-id_address_pool_address-pool-name_ipv4_split-size_per-cache'

    Required/Optional: true

  Responses:
    '201':
      Description: leaf per-cache created or replaced
      Content: {}
    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  x-codegen-request-body-name: per-cache
  delete:

  Tags:
    - data
    - delete
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance_instance-id_address_pool_address_pool_name_ipv4_split_size_per_cache_delete

  Parameters:
    - Name: instance-instance-id
      In: path
      Required/Optional: true
      Style: simple
      Explode: false
      Schema:
        Type: string
        Format: leafref

```

```

- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

Responses:
  '204':
    Description: No Content
    Content: {}
  security:
  - basicAuth: []
options:

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_split_size_per_cache_options

```

```

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

Responses:
  '200':
    Description: OK
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head
Operation ID:

```

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_per\_cache\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** filter



**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

**Type:** string  
**Format:** string

- **Name:** with-defaults

**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all

**enum:**  
- report-all  
- trim  
- explicit  
- report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:** {}

**security:**  
- **basicAuth:** []

**patch:**

**Tags:**

- data  
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_per\_cache\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref

- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

```

    Type: string
    Format: string
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_split-size_per-cache'

    Required/Optional: true

  Responses:
    '204':
      Description: leaf per-cache updated
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  x-codegen-request-body-name: per-cache

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/split-size/per-dp

```

get:

  Tags:
    - data
    - get
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_split_size_per_dp_get

  Parameters:
    - Name: instance-instance-id
      In: path
      Required/Optional: true
      Style: simple

```

```
    Explode: false
    Schema:
      Type: string
      Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
```

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size\_per-dp'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**put:****Tags:**

- data
- put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_per\_dp\_put

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string

**Request Body:**

- Content:**
  - application/yang-data+json:**
    - Schema:**
    - Reference:**

```
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_split-size_per-dp'
```

**Required/Optional:** true

**Responses:**

- '201':
  - Description:** leaf per-dp created or replaced
  - Content:** {}
- '204':
  - Description:** No Content
  - Content:** {}
- '400':
  - Description:** Bad Request
  - Content:** {}
- '401':
  - Description:** Unauthorized
  - Content:** {}
- '404':
  - Description:** Not Found
  - Content:** {}
- '405':
  - Description:** Method Not Allowed
  - Content:** {}
- '409':
  - Description:** Conflict
  - Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** per-dp

**delete:****Tags:**

- data
- delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_per\_dp\_delete

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

**Responses:**

'204':

**Description:** No Content

**Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_per\_dp\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true

**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

**Responses:**

**'200':**  
  **Description:** OK  
  **Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_per\_dp\_head

**Parameters:**

- **Name:** instance-instance-id  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** leafref
- **Name:** address-pool-pool-name  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** content  
  **In:** query  
  **Description:** controlling descendant nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all
- **Name:** depth

```

In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
In: query
Description: xpath expression to filter data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []
patch:

Tags:
  - data
  - patch

```



**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_per\_dp\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string

**Request Body:**

- Content:**  
  - application/yang-data+json:**  
**Schema:**

**Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size\_per-dp'

**Required/Optional:** true**Responses:**

- '204':  
  - Description:** leaf per-dp updated
  - Content:** {}
- '400':  
  - Description:** Bad Request
  - Content:** {}
- '401':  
  - Description:** Unauthorized
  - Content:** {}
- '404':  
  - Description:** Not Found
  - Content:** {}
- '405':  
  - Description:** Method Not Allowed
  - Content:** {}
- '409':  
  - Description:** Conflict
  - Content:** {}

**security:**

- **basicAuth:** []
- x-codegen-request-body-name:** per-dp

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv4/split-size/no-split

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_name\_ipv4\_split\_size\_no\_split\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer

```

    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_split-size_no-split'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}

```

```

    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
put:

Tags:
- data
- put
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_split_size_no_split_put

```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Request Body:**

```

Content:
  application/yang-data+json:
    Schema:
      Reference:

```

```

'#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_split_size_no_split'

```

```

Required/Optional: true

```

**Responses:**

```

'201':
  Description: leaf no-split created or replaced
  Content: {}
'204':
  Description: No Content
  Content: {}

```

```

'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: no-split
delete:

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_no\_split\_delete

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Responses:**

```

'204':
  Description: No Content
  Content: {}

```

```

security:
- basicAuth: []

```

options:

**Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_no\_split\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:**

- '200':  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_no\_split\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false

```
Schema:
  Type: string
  Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
```

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_no\_split\_patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

**Request Body:**

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance-id\_address\_pool\_address-pool-pool-name\_ipv4\_split-size\_no-split'

**Required/Optional:** true

**Responses:**

'204':

**Description:** leaf no-split updated

**Content:** {}

'400':



```

    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: no-split

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/threshold

**get:**

```

Tags:
- data
- get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_threshold\_get

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response

```

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

'200':

**Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_ipv4\_threshold'

'204':

**Description:** No Content**Content:** {}

'400':

**Description:** Bad Request**Content:** {}

'401':

**Description:** Unauthorized**Content:** {}

'404':

**Description:** Not Found**Content:** {}

'405':

**Description:** Method Not Allowed**Content:** {}

'409':

**Description:** Conflict**Content:** {}**security:**- **basicAuth:** []**put:****Tags:**

- data

- put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_threshold\_put

**Parameters:**- **Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref- **Name:** address-pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false

**Schema:****Type:** string**Format:** string**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-name\_ipv4\_threshold'

**Required/Optional:** true**Responses:**

'201':

**Description:** container threshold created or replaced**Content:** {}

'204':

**Description:** No Content**Content:** {}

'400':

**Description:** Bad Request**Content:** {}

'401':

**Description:** Unauthorized**Content:** {}

'404':

**Description:** Not Found**Content:** {}

'405':

**Description:** Method Not Allowed**Content:** {}

'409':

**Description:** Conflict**Content:** {}**security:**

- basicAuth: []

**x-codegen-request-body-name:** threshold**Method:** Post**Tags:**

- data

- post

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_name\_ipv4\_threshold\_post

**Parameters:**- **Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:**

```

    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        '#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_threshold-post'

Required/Optional: true

Responses:
'201':
  Description: container threshold created
  Content: {}
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: threshold
delete:

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_threshold_delete

```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string

**Responses:**

- '204':  
  - Description:** No Content
  - Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_threshold\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string

**Responses:**

- '200':

**Description:** OK  
**Content:** {}  
**security:**  
 - **basicAuth:** []  
**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_threshold\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:** {}**security:**

- **basicAuth:** []

**patch:****Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_threshold\_patch

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple



```

    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4_threshold'

    Required/Optional: true

  Responses:
    '204':
      Description: container threshold updated
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: threshold
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/threshold/upper-threshold
: get:

  Tags:
  - data
  - get
  Operation ID:
  data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_threshold_upper_threshold_get

```

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query

```

Description: xpath expression to filter data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_threshold_upper-threshold'

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
put:

```

**Tags:**

- data
- put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_threshold\_upper\_threshold\_put

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string

**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance-id\_address\_pool\_address-pool-pool-name\_ipv4\_threshold\_upper-threshold'

**Required/Optional:** true

**Responses:**

'201':

**Description:** leaf upper-threshold created or replaced

**Content:** {}

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

```

    '409':
      Description: Conflict
      Content: {}
    security:
      - basicAuth: []
    x-codegen-request-body-name: upper-threshold
  delete:

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_name\_ipv4\_threshold\_upper\_threshold\_delete

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Responses:**

```

'204':
  Description: No Content
  Content: {}

```

```

security:
  - basicAuth: []

```

**options:****Tags:**

```

- data
- options

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_name\_ipv4\_threshold\_upper\_threshold\_options

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false

```

**Schema:**

**Type:** string  
**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string  
**Format:** string

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_threshold\_upper\_threshold\_head

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string  
**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string  
**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string  
**Format:** enumeration

```
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
```

```
- basicAuth: []
patch:
```

**Tags:**

```
- data
- patch
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_threshold_upper_threshold_patch
```

**Parameters:**

```
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
```

**Request Body:**

```
Content:
  application/yang-data+json:
```

**Schema:****Reference:**

```
'#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4_threshold_upper-threshold'
```

```
Required/Optional: true
```

**Responses:**

```
'204':
  Description: leaf upper-threshold updated
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
```



```

    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: upper-threshold

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_get

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query

**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: integer  
 Format: uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: enumeration  
 Default: report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6'

'204':  
**Description:** No Content  
**Content:** {}

```

    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  put:

  Tags:
    - data
    - put
  Operation ID:
  data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_put

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6'

    Required/Optional: true

Responses:
```

```

'201':
  Description: container ipv6 created or replaced
  Content: {}
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: ipv6
Method: Post

Tags:
- data
- post
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_post

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
Request Body:
Content:
  application/yang-data+json:

```

**Schema:****Reference:**

```
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6-post'
```

**Required/Optional:** true

**Responses:**

'201':

**Description:** container ipv6 created

**Content:** {}

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** ipv6

**delete:****Tags:**

- data  
- delete

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_instance-id_address_pool_address_pool_pool-name_ipv6_delete
```

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

**Responses:**

'204':  
  **Description:** No Content  
  **Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data  
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_options

**Parameters:**

- **Name:** instance-instance-id  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** leafref  
- **Name:** address-pool-pool-name  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** string

**Responses:**

'200':  
  **Description:** OK  
  **Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_head

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false

**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**'200':**  
   **Description:** OK  
   **Content:** {}

**security:**

- **basicAuth:** []

**patch:****Tags:**

- data  
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_patch

**Parameters:**

**- Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** leafref  
**- Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string

**Request Body:**



```

Content:
  application/yang-data+json:
    Schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6'

Required/Optional: true

Responses:
  '204':
    Description: container ipv6 updated
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: ipv6

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges

```

get:

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_get

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string

```

- Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-name\_ipv6\_address-ranges'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

**put:**

**Tags:**

- data
- put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance-id\_address\_pool\_address\_pool\_name\_ipv6\_address\_ranges\_put

**Parameters:**

- Name: instance-instance-id

```

    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges'

    Required/Optional: true

  Responses:
    '201':
      Description: container address-ranges created or replaced
      Content: {}
    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  x-codegen-request-body-name: address-ranges
  Method: Post

  Tags:

```

- data
- post

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_name\_ipv6\_address\_ranges\_post

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

**Request Body:**

- Content:**  
  **application/yang-data+json:**  
    **Schema:**  
      **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges-post'

- Required/Optional:** true

**Responses:**

- '201':  
  **Description:** container address-ranges created  
  **Content:** {}
- '204':  
  **Description:** No Content  
  **Content:** {}
- '400':  
  **Description:** Bad Request  
  **Content:** {}
- '401':  
  **Description:** Unauthorized  
  **Content:** {}
- '404':  
  **Description:** Not Found  
  **Content:** {}
- '405':  
  **Description:** Method Not Allowed  
  **Content:** {}
- '409':  
  **Description:** Conflict

```

    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: address-ranges
delete:

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_delete

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Responses:**

```

'204':
  Description: No Content
  Content: {}

```

```

security:
- basicAuth: []

```

**options:****Tags:**

```

- data
- options

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_options

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string

```

**Format:** leafref

- **Name:** address-pool-pool-name
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** string

**Responses:**

'200':

- Description:** OK
- Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_head

**Parameters:**

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** string
- **Name:** content
- In:** query
- Description:** controlling descendant nodes in response
- Required/Optional:** false
- Style:** form
- Explode:** true
- Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**

- config
- nonconfig
- all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:** {}**security:**

- **basicAuth:** []

**patch:**



**Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string

**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges'

**Required/Optional:** true

**Responses:**

'204':

**Description:** container address-ranges updated

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**  
 - **basicAuth:** []  
**x-codegen-request-body-name:** address-ranges

?

**/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range**  
**: options:**

**Tags:**  
 - data  
 - options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_address\_range\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref

- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:**

'200':  
**Description:** OK  
**Content:** {}

**security:**  
 - **basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}, {address-range-end-address}**  
**: get:**

**Tags:**  
 - data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple

```

Explode: false
Schema:
  Type: string
  Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields

```



```

    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
put:

```

**Tags:**

```

- data
- put

```

**Operation ID:**

data\_cisco\_cn\_ipam\_instance\_instance\_id\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_put

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: insert
  In: query

```



```

security:
- basicAuth: []
x-codegen-request-body-name: address-range
delete:

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

data\_cisco\_cn\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_name\_ipv6\_address\_ranges\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_delete

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Responses:**

```

'204':
  Description: No Content
  Content: {}

```

```

security:
- basicAuth: []
options:

```

**Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_address\_range\_start\_address\_address\_range\_end\_address\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** address-range-start-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** address-range-end-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:**

- '200':  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head



**Operation ID:**

`data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}-address-range-end-address`

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** address-range-start-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** address-range-end-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query

**Description:** limit the depth of nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** integer

**Format:** uint16

- **Name:** fields

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all

- trim

- explicit

- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data

- patch

**Operation ID:**

```
data cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges address-range address-range-start address-range-end address-path
```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string
- **Name:** address-range-start-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string
- **Name:** address-range-end-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string

**Request Body:**

**Content:**  
 application/yang-data+json:

**Schema:**

**Reference:**

```
#/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges address-range address-range-start address-range-end address-path
```

**Required/Optional:** true

**Responses:**

- '204':  
**Description:** list address-range updated  
**Content:** {}
- '400':  
**Description:** Bad Request  
**Content:** {}
- '401':

```

    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: address-range
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range-start-address,{address-range-end-address}/start-address
: get:

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_instance_instance_id_address_pool_address_pool_name_ipv6_address_ranges_address_range_start_address_address_range_end_address_start_address_get

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true

```

```
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
```

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

"/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv6/address-ranges/address-range={address-range-name}/address-range-entries/stat-address'

'204':  
**Description:** No Content  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':  
**Description:** Not Found  
**Content:** {}  
 '405':  
**Description:** Method Not Allowed  
**Content:** {}  
 '409':  
**Description:** Conflict  
**Content:** {}

**security:**

- basicAuth: []

**put:****Tags:**

- data  
 - put

**Operation ID:**

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv6/address-ranges/address-range={address-range-name}/address-range-entries/stat-address-put

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false

```

Schema:
  Type: string
  Format: leafref
- Name: address-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          #/components/schemas/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv6/address-ranges/address-range-start-address/address-range-end-address
          Required/Optional: true

Responses:
  '201':
    Description: leaf start-address created or replaced
    Content: {}
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}

```

```

'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: start-address

```

delete:

Tags:

```

- data
- delete

```

Operation ID:

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range-start-address/delete

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

Responses:



```

    '204':
      Description: No Content
      Content: {}
      security:
      - basicAuth: []
    options:

    Tags:
    - data
    - options
    Operation ID:
data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range-start-address
Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
Responses:
'200':
  Description: OK
  Content: {}
  security:

```

- **basicAuth:** []  
**head:**

**Tags:**

- data
- head

**Operation ID:**

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges={address-range-start-address}\_{address-range-end-address}\_rel={address-range-end-address}\_rel

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** address-range-start-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** address-range-end-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config

```

    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
- basicAuth: []

```

**patch:****Tags:**

- data
- patch

**Operation ID:**

[data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}\\_address-range-end-address](#)

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** address-range-start-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** address-range-end-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

[%/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}\\_address-range-end-address](#)

**Required/Optional:** true

**Responses:**

'204':

```

    Description: leaf start-address updated
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: start-address
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address},(address-range-end-address)
: get:

  Tags:
  - data
  - get
  Operation ID:
data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address},(address-range-end-address)get

  Parameters:
  - Name: instance-instance-id
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: address-range-start-address
    In: path
    Required/Optional: true
    Style: simple
    Explode: false

```

```

Schema:
  Type: string
  Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string

```

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
- report-all  
- trim  
- explicit  
- report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
**application/yang-data+json:**  
**Schema:**  
**Reference:**

[#/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv6/address-ranges/address-range-stat-address-address-range-entries-entries](#)

'204':  
**Description:** No Content  
**Content:** {}  
'400':  
**Description:** Bad Request  
**Content:** {}  
'401':  
**Description:** Unauthorized  
**Content:** {}  
'404':  
**Description:** Not Found  
**Content:** {}  
'405':  
**Description:** Method Not Allowed  
**Content:** {}  
'409':  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**put:****Tags:**

- data  
- put

**Operation ID:**

[data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv6/address-ranges/address-range-stat-address-address-range-entries-entries.put](#)

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** address-range-start-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** address-range-end-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Request Body:**

**Content:**  
 application/yang-data+json:  
**Schema:**

**Reference:**

[#/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range-start-address/address-range-end-address](#)

**Required/Optional:** true

**Responses:**

- '201':  
**Description:** leaf end-address created or replaced  
**Content:** {}
- '204':  
**Description:** No Content  
**Content:** {}
- '400':  
**Description:** Bad Request  
**Content:** {}



```

'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: end-address
delete:

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

~~data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}\_address-range-end-address/delete~~

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple

```

**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

**Responses:**

**'204':**  
  **Description:** No Content  
  **Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data  
- options

**Operation ID:**

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}-address-range-end-address-conditions

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** address-range-start-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** address-range-end-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

**Responses:**

'200':

**Description:** OK  **Content:** {}**security:**- **basicAuth:** []**head:****Tags:**- data  
- head**Operation ID:**

data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}-address-range={address-range-end-address}/head

**Parameters:**

- **Name:** instance-instance-id  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** leafref
- **Name:** address-pool-pool-name  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** address-range-start-address  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** address-range-end-address  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** content  
  **In:** query  
  **Description:** controlling descendant nodes in response  
  **Required/Optional:** false

```

Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

'200':

**Description:** OK  **Content:** {}**security:**- **basicAuth:** []**patch:****Tags:**- data  
- patch**Operation ID:**

data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}-address-range-end-address/patch

**Parameters:**

- **Name:** instance-instance-id  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** leafref
- **Name:** address-pool-pool-name  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** address-range-start-address  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** address-range-end-address  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** string

**Request Body:****Content:**  **application/yang-data+json:**    **Schema:**      **Reference:**

```
#/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-stat-address-address-range-end-address-end-address}
```

**Required/Optional:** true

**Responses:**

'204':

**Description:** leaf end-address updated

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** end-address

?

```
#/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-stat-address-address-range-end-address-end-address}/fire
```

**get:**

**Tags:**

- data

- get

**Operation ID:**

```
data_cisco_cn_ipam_instance_instance_id_address_pool_address_pool_name_ipv6_address_ranges_address_range_stat_address_address_range_end_address_fire_get
```

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

```
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
```

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            #/comets/cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv6/address-ranges/address-ranges-statistics/address-ranges-statistics-offline
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
  - basicAuth: []
put:

```



**Tags:**

- data
- put

**Operation ID:**

[data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}\\_address-range={address-range-end-address}\\_offline](#)

**Parameters:**

- **Name:** instance-instance-id  
In: path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref
- **Name:** address-pool-pool-name  
In: path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** address-range-start-address  
In: path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** address-range-end-address  
In: path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

**Request Body:**

**Content:**  
  application/yang-data+json:

**Schema:**

**Reference:**

[#/components/schemas/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}\\_address-range={address-range-end-address}\\_offline](#)

**Required/Optional:** true

**Responses:**

'201':

**Description:** leaf offline created or replaced

**Content:** {}

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** offline

**delete:****Tags:**

- data  
- delete

**Operation ID:**

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range-start-address/address-range-end-address/offline/delete

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:

```

**Type:** string  
**Format:** string  
- **Name:** address-range-end-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:**

'204':

**Description:** No Content**Content:** {}**security:**- **basicAuth:** []**options:****Tags:**

- data  
- options

**Operation ID:**

data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges={address-range-address-range-start-address-address-range-end-address}/address-range-end-address

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref  
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
- **Name:** address-range-start-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
- **Name:** address-range-end-address  
**In:** path

**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

**Responses:**  
  **'200':**  
    **Description:** OK  
    **Content:** {}  
**security:**  
  - **basicAuth:** []

**head:**

**Tags:**  
- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_instance\_instance\_id\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_address\_range\_start\_address\_address\_range\_end\_address\_offset\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** address-range-start-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** address-range-end-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

```
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
```

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data
- patch

**Operation ID:**

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}-address-range-end-address/offset={offset}/path

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** address-range-start-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** address-range-end-address  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string

```

    Format: string
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            #/components/schemas/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range-stat/address-range-entries/entries/offline'

    Required/Optional: true

  Responses:
    '204':
      Description: leaf offline updated
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  x-codegen-request-body-name: offline
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range
: options:

  Tags:
    - data
    - options
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_prefix_range_options

  Parameters:
    - Name: instance-instance-id
      In: path
      Required/Optional: true
      Style: simple
      Explode: false
      Schema:
        Type: string
        Format: leafref
    - Name: address-pool-pool-name

```

**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

**Responses:**

**'200':**  
  **Description:** OK  
  **Content:** {}  
**security:**  
  - **basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range={prefix-range-prefix},{prefix-range-length}**

: **get:****Tags:**

- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true



```
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
```

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

```
"/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range/prefix-range-length"
```

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**  
**Description:** Bad Request  
**Content:** {}  
**'401':**  
**Description:** Unauthorized  
**Content:** {}  
**'404':**  
**Description:** Not Found  
**Content:** {}  
**'405':**  
**Description:** Method Not Allowed  
**Content:** {}  
**'409':**  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**put:****Tags:**

- data  
 - put

**Operation ID:**

```
data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range/prefix-range-length.put
```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false

```
Schema:
  Type: string
  Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: insert
  In: query
  Description: controlling the order when adding new list elements
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: first
    enum:
      - first
      - last
      - before
      - after
- Name: point
  In: query
  Description: used to specify the insertion point
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
Request Body:
```

**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

#/components/schemas/data-cisco-cn-ipam:ipam:instance-instance-id:address-pool-pool-name-ipv6:address-ranges:prefix-range:prefix-range:prefix-range-length

**Required/Optional:** true

**Responses:**

'201':  
**Description:** list prefix-range created or replaced  
**Content:** {}  
 '204':  
**Description:** No Content  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':  
**Description:** Not Found  
**Content:** {}  
 '405':  
**Description:** Method Not Allowed  
**Content:** {}  
 '409':  
**Description:** Conflict  
**Content:** {}

**security:**

- basicAuth: []

**x-codegen-request-body-name:** prefix-range

**delete:**

**Tags:**

- data  
 - delete

**Operation ID:**

data-cisco-cn-ipam:ipam:instance-instance-id:address-pool-pool-name-ipv6:address-ranges:prefix-range:prefix-range:prefix-range-length-delete

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref  
 - **Name:** address-pool-pool-name  
**In:** path

**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string  
 - **Name:** prefix-range-prefix  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string  
 - **Name:** prefix-range-length  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** integer  
     **Format:** uint32

**Responses:**

'204':

**Description:** No Content  **Content:** {}**security:**- **basicAuth:** []**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_length\_options

**Parameters:**

- **Name:** instance-instance-id  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** leafref  
 - **Name:** address-pool-pool-name  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**

```

    Type: string
    Format: string
  - Name: prefix-range-prefix
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-length
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: integer
      Format: uint32

```

**Responses:**

```

'200':
  Description: OK
  Content: {}

```

**security:**

```

- basicAuth: []

```

**head:****Tags:**

```

- data
- head

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_prefix_range_prefix_range_prefix_range_length_head

```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path

```

```
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
```

**Schema:****Type:** string**Format:** string**- Name:** with-defaults**In:** query**Description:** controlling default values in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** report-all**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:****'200':****Description:** OK**Content:** {}**security:****- basicAuth:** []**patch:****Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_length\_patch

**Parameters:****- Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref**- Name:** address-pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** prefix-range-prefix**In:** path**Required/Optional:** true



```

    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-length
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: integer
      Format: uint32
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        #/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range={prefix-range-prefix},(prefix-range-length)
    Required/Optional: true

Responses:
  '204':
    Description: list prefix-range updated
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
  - basicAuth: []
x-codegen-request-body-name: prefix-range
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range={prefix-range-prefix},(prefix-range-length)/prefix
: get:

Tags:
  - data
  - get
Operation ID:
data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range={prefix-range-prefix},(prefix-range-length)/prefix-get

```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          #/components/schemas/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix={prefix-prefix}/prefix-length={prefix-length}

```

```

'204':
  Description: No Content
  Content: {}
'400':

```

```

    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  put:

  Tags:
  - data
  - put
  Operation ID:
  data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_prefix_range_prefix_range_prefix_range_length_prefix_put

```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true

```

Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        #/components/schemas/data-cisco-cn-ipam:ipam:instance-instance-id/address-pool-address-pool-name/ipv6/address-ranges/prefix-range/prefix-range-length/prefix-range-length
Required/Optional: true

Responses:
'201':
  Description: leaf prefix created or replaced
  Content: {}
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: prefix
delete:

Tags:
- data
- delete
Operation ID:
data-cisco-cn-ipam:ipam:instance-instance-id/address-pool-address-pool-name/ipv6/address-ranges/prefix-range/prefix-range-length/prefix-range-length/delete

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple

```

```

Explode: false
Schema:
  Type: string
  Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32

```

**Responses:**

```

'204':
  Description: No Content
  Content: {}

```

**security:**

```

- basicAuth: []

```

**options:****Tags:**

```

- data
- options

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_prefix_range_prefix_range_prefix_range_length_prefix_options

```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

```

- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32

**Responses:**

'200':

**Description:** OK**Content:** {}**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_length\_prefix\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple

```

Explode: false
Schema:
  Type: string
  Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string

```



- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:** {}**security:**

- **basicAuth:** []

**patch:****Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_name\_ipv6\_address\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_length\_prefix\_patch

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false

```

Schema:
  Type: string
  Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          #components/schemas/leaf-prefix-range-prefix-range-prefix-range-length-prefix
          Required/Optional: true

Responses:
  '204':
    Description: leaf prefix updated
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: prefix
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv6/address-ranges/prefix-range={prefix-range-prefix}/{prefix-range-length}/length

```

: get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_prefix\_range\_length\_length\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**

- config
- nonconfig
- all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:**

application/yang-data+json:

**Schema:****Reference:**

```

#/components/schemas/data-cisco-cn-ipam:ipam/instance-instance-id/address-pool-address-pool-pool-name-ipv6-address-ranges-prefix-range-prefix-range-prefix-range-length-length

```

```

  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  put:

```

**Tags:**

```

- data
- put

```

**Operation ID:**

```

data-cisco-cn-ipam:ipam/instance-instance-id/address-pool-address-pool-pool-name-ipv6-address-ranges-prefix-range-prefix-range-prefix-range-length-length.put

```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false

```

**Schema:**

**Type:** string  
**Format:** string

- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32

**Request Body:**

**Content:**  
 application/yang-data+json:

**Schema:**

**Reference:**

#/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range/prefix-range-length

**Required/Optional:** true

**Responses:**

'201':  
**Description:** leaf length created or replaced  
**Content:** {}  
 '204':  
**Description:** No Content  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':  
**Description:** Not Found  
**Content:** {}  
 '405':  
**Description:** Method Not Allowed  
**Content:** {}  
 '409':  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** length

**delete:****Tags:**

- data  
 - delete

**Operation ID:**

data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range/prefix-range-length-delete

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32

**Responses:**

- '204':  
  - Description:** No Content
  - Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_length\_length\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path

**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** leafref  
 - **Name:** address-pool-pool-name  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string  
 - **Name:** prefix-range-prefix  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string  
 - **Name:** prefix-range-length  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** integer  
     **Format:** uint32

**Responses:**

'200':  
   **Description:** OK  
   **Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_length\_length\_head

**Parameters:**

- **Name:** instance-instance-id  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**



```

    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response

```

**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**'200':**  
   **Description:** OK  
   **Content:** {}

**security:**

- **basicAuth:** []

**patch:****Tags:**

- data  
- patch

**Operation ID:**

data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range/prefix-range/prefix-range-length-length/patch

**Parameters:**

**- Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string

```

    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
"/components/schemas/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv6/address-ranges/prefix-range-prefix-range-length"
    Required/Optional: true

Responses:
'204':
  Description: leaf length updated
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict

```

```

    Content: {}
  security:
    - basicAuth: []
    x-codegen-request-body-name: length
  ?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/{prefix-range-prefix},{prefix-range-length}/offline
: get:

  Tags:
  - data
  - get
  Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_prefix_range_prefix_range_prefix_range_length_offline_get

```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** integer  
    **Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form

**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          #components/schemas/(data-cisco-cn-ipam:ipam:instance-instance-id:address-pool-address-pool-pool-name-ipv6-address-ranges-prefix-range-prefix-range-prefix-range-length-offline)

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
put:

Tags:
- data
- put
Operation ID:
data-cisco-cn-ipam:ipam:instance-instance-id:address-pool-address-pool-pool-name-ipv6-address-ranges-prefix-range-prefix-range-prefix-range-length-offline-put

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string

```

```

    Format: string
  - Name: prefix-range-prefix
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-length
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: integer
      Format: uint32
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        #/components/schemas/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv6/address-ranges/prefix-range/prefix-range-length/offline
    Required/Optional: true

Responses:
  '201':
    Description: leaf offline created or replaced
    Content: {}
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
  - basicAuth: []
x-codegen-request-body-name: offline
delete:

```

**Tags:**

- data
- delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_prefix\_range\_length\_offline\_delete

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32

**Responses:**

- '204':
  - Description:** No Content
  - Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data
- options



**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_prefix\_range\_length\_offline\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32

**Responses:**

'200':  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_prefix\_range\_length\_offline\_head

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** prefix-range-prefix
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** prefix-range-length
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form

```

    Explode: true
    Schema:
      Type: integer
      Format: uint16
  - Name: fields
    In: query
    Description: optionally identify specific data nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: string
  - Name: filter
    In: query
    Description: xpath expression to filter data nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
        - report-all
        - trim
        - explicit
        - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
  - basicAuth: []
patch:

Tags:
  - data
  - patch
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_prefix_range_prefix_range_prefix_range_length_offset_patch

Parameters:

```

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** integer  
    **Format:** uint32

**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

```

%comets/steve@tacacs-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv6/address-ranges/prefix-range={prefix-range-prefix}/prefix-range-length={prefix-range-length}/offline

```

**Required/Optional:** true**Responses:**

'204':

**Description:** leaf offline updated**Content:** {}

'400':

**Description:** Bad Request**Content:** {}

'401':

**Description:** Unauthorized**Content:** {}

'404':

```

    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: offline
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/split-size
: get:

```

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_get

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all

- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:**

application/yang-data+json:

**Schema:****Reference:**

```
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size'
```

'204':

```

    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
put:

Tags:
- data
- put
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_put

```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Request Body:**

```

Content:
  application/yang-data+json:
    Schema:
      Reference:

```

```

'#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size'

```

```

Required/Optional: true

```

**Responses:**

'201':  
**Description:** container split-size created or replaced  
**Content:** {}

'204':  
**Description:** No Content  
**Content:** {}

'400':  
**Description:** Bad Request  
**Content:** {}

'401':  
**Description:** Unauthorized  
**Content:** {}

'404':  
**Description:** Not Found  
**Content:** {}

'405':  
**Description:** Method Not Allowed  
**Content:** {}

'409':  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** split-size

**Method:** Post

**Tags:**

- data  
 - post

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_post

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref

- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Request Body:**



**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance-id\_address\_pool\_address\_pool-pool-name\_ipv6\_address\_ranges\_split-size-post'

**Required/Optional:** true

**Responses:**

'201':  
 Description: container split-size created  
 Content: {}  
 '204':  
 Description: No Content  
 Content: {}  
 '400':  
 Description: Bad Request  
 Content: {}  
 '401':  
 Description: Unauthorized  
 Content: {}  
 '404':  
 Description: Not Found  
 Content: {}  
 '405':  
 Description: Method Not Allowed  
 Content: {}  
 '409':  
 Description: Conflict  
 Content: {}

**security:**

- basicAuth: []

**x-codegen-request-body-name:** split-size

**delete:**

**Tags:**

- data  
 - delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance-id\_address\_pool\_address\_pool-pool-name\_ipv6\_address\_ranges\_split\_size\_delete

**Parameters:**

- **Name:** instance-instance-id  
 In: path  
 Required/Optional: true  
 Style: simple  
 Explode: false  
 Schema:  
 Type: string  
 Format: leafref  
 - **Name:** address-pool-pool-name  
 In: path

**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

**Responses:**  
  **'204':**  
    **Description:** No Content  
    **Content:** {}

**security:**  
  - **basicAuth:** []

**options:**

**Tags:**  
  - data  
  - options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_options

**Parameters:**

- **Name:** instance-instance-id  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** leafref

- **Name:** address-pool-pool-name  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** string

**Responses:**  
  **'200':**  
    **Description:** OK  
    **Content:** {}

**security:**  
  - **basicAuth:** []

**head:**

**Tags:**  
  - data  
  - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_head

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

```

    Format: string
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size'

Required/Optional: true

Responses:
  '204':
    Description: container split-size updated
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: split-size
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/split-size/per-cache
: get:

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_cache_get

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name

```

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
In: query
Description: xpath expression to filter data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false

```

**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**'200':**  
   **Description:** OK  
   **Content:**  
     **application/yang-data+json:**  
       **Schema:**  
       **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-name\_ipv6\_address-ranges\_split-size\_per-cache'

**'204':**  
   **Description:** No Content  
   **Content:** {}  
**'400':**  
   **Description:** Bad Request  
   **Content:** {}  
**'401':**  
   **Description:** Unauthorized  
   **Content:** {}  
**'404':**  
   **Description:** Not Found  
   **Content:** {}  
**'405':**  
   **Description:** Method Not Allowed  
   **Content:** {}  
**'409':**  
   **Description:** Conflict  
   **Content:** {}

**security:**  
 - **basicAuth:** []

**put:**

**Tags:**  
 - data  
 - put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-name\_ipv6\_address-ranges\_split-size\_per-cache\_put

**Parameters:**

- **Name:** instance-instance-id  
   **In:** path  
   **Required/Optional:** true

```

    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_per-cache'

    Required/Optional: true

Responses:
  '201':
    Description: leaf per-cache created or replaced
    Content: {}
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: per-cache
delete:

Tags:
- data
- delete
Operation ID:

```



data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_per\_cache\_delete

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string

**Responses:**

'204':  
**Description:** No Content  
**Content:** {}

**security:**

- **basicAuth:** []

**options:**

**Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_per\_cache\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string

**Responses:**

'200':

**Description:** OK**Content:** {}**security:**- **basicAuth:** []**head:****Tags:**- data  
- head**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_per\_cache\_head

**Parameters:**- **Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref- **Name:** address-pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string- **Name:** content**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** config**enum:**- config  
- nonconfig  
- all- **Name:** depth**In:** query**Description:** limit the depth of nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

```

    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content: {}

```

**security:**

```

- basicAuth: []

```

**patch:****Tags:**

```

- data
- patch

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_per\_cache\_patch

**Parameters:**

```

- Name: instance-instance-id
  In: path

```

**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** leafref  
**- Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string

**Request Body:**

**Content:**  
   application/yang-data+json:  
     **Schema:**  
       **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_split-size\_per-cache'

**Required/Optional:** true

**Responses:**

**'204':**  
   **Description:** leaf per-cache updated  
   **Content:** {}  
**'400':**  
   **Description:** Bad Request  
   **Content:** {}  
**'401':**  
   **Description:** Unauthorized  
   **Content:** {}  
**'404':**  
   **Description:** Not Found  
   **Content:** {}  
**'405':**  
   **Description:** Method Not Allowed  
   **Content:** {}  
**'409':**  
   **Description:** Conflict  
   **Content:** {}

**security:**

- basicAuth: []

**x-codegen-request-body-name:** per-cache

?

**/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/split-size/per-cache**  
**: get:**

**Tags:**

- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_per\_dp\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** filter

**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

**Type:** string  
**Format:** string

- **Name:** with-defaults

**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all

**enum:**  
- report-all  
- trim  
- explicit  
- report-all-tagged

#### Responses:

'200':  
**Description:** OK  
**Content:**  
application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_split-size\_per-op'

'204':  
**Description:** No Content  
**Content:** {}  
'400':  
**Description:** Bad Request  
**Content:** {}  
'401':  
**Description:** Unauthorized  
**Content:** {}  
'404':  
**Description:** Not Found  
**Content:** {}  
'405':  
**Description:** Method Not Allowed  
**Content:** {}  
'409':  
**Description:** Conflict  
**Content:** {}

**security:**  
- **basicAuth:** []

put:

**Tags:**

- data
- put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_per\_dp\_put

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string

**Request Body:**

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_split-size\_per-dp'

**Required/Optional:** true

**Responses:**

'201':

**Description:** leaf per-dp created or replaced

**Content:** {}

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

```

    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: per-dp
delete:

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_per\_dp\_delete

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Responses:**

```

'204':
  Description: No Content
  Content: {}

```

```

  security:
  - basicAuth: []

```

**options:****Tags:**

```

- data
- options

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_per\_dp\_options

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple

```



```

    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string

Responses:
  '200':
    Description: OK
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head

Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_dp_head

```

```

Parameters:
  - Name: instance-instance-id
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: content
    In: query
    Description: controlling descendant nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string

```

```

    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content: {}

```

```

security:
- basicAuth: []
patch:

```

```

Tags:
- data
- patch

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_per\_dp\_patch

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Request Body:**

```

Content:
  application/yang-data+json:
    Schema:
      Reference:

```

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_per\_dp'

```

Required/Optional: true

```

**Responses:**

```

'204':
  Description: leaf per-dp updated
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}

```

```

    '409':
      Description: Conflict
      Content: {}
    security:
      - basicAuth: []
      x-codegen-request-body-name: per-dp
  ?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/split-size/no-split
: get:

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_no_split_get

```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form

```

Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_no-split'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}

```

```

    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  put:

  Tags:
    - data
    - put
  Operation ID:
  data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_no_split_put

```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Request Body:**

```

Content:
  application/yang-data+json:
    Schema:
      Reference:

```

```

'#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_no_split'

```

```

Required/Optional: true

```

**Responses:**

```

'201':
  Description: leaf no-split created or replaced
  Content: {}

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: no-split
delete:

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_no\_split\_delete

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Responses:**

```

'204':
  Description: No Content
  Content: {}
security:

```

- basicAuth: []  
options:

**Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_no\_split\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:**

'200':  
**Description:** OK  
**Content:** {}

**security:**

- basicAuth: []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_no\_split\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path



```
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
```

**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**  
 '200':  
**Description:** OK  
**Content:** {}  
**security:**  
 - **basicAuth:** []

**patch:**

**Tags:**

- data  
 - patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_no\_split\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref  
 - **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Request Body:**

**Content:**  
 application/yang-data+json:

**Schema:**

**Reference:**

#!/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_no\_split'

**Required/Optional:** true

**Responses:**

'204':

```

    Description: leaf no-split updated
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: no-split
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/threshold
: get:

```

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_threshold\_get

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form

```

Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
  - config
  - nonconfig
  - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold'

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
put:

Tags:
- data
- put
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_put

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string

```

**Format:** string

**Request Body:**

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_threshold'

**Required/Optional:** true

**Responses:**

'201':

**Description:** container threshold created or replaced

**Content:** {}

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

**x-codegen-request-body-name:** threshold

**Method:** Post

**Tags:**

- data

- post

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_threshold\_post

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

```

- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold-post'

    Required/Optional: true

Responses:
  '201':
    Description: container threshold created
    Content: {}
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: threshold
delete:

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_delete

Parameters:
- Name: instance-instance-id

```

**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref  
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

**Responses:**

'204':  
  **Description:** No Content  
  **Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data  
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_threshold\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref  
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

**Responses:**

'200':  
  **Description:** OK  
  **Content:** {}



**security:**  
 - **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_threshold\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_threshold\_patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

```

    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold'

    Required/Optional: true

Responses:
  '204':
    Description: container threshold updated
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: threshold
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/threshold/upper-threshold
: get:

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_upper_threshold_get

Parameters:

```

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false

```

Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold_upper-threshold'

  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
put:

Tags:

```

- data
- put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_threshold\_upper\_threshold\_put

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Request Body:**

**Content:**  
 application/yang-data+json:

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_threshold\_upper\_threshold'

**Required/Optional:** true

**Responses:**

- '201':  
**Description:** leaf upper-threshold created or replaced  
**Content:** {}
- '204':  
**Description:** No Content  
**Content:** {}
- '400':  
**Description:** Bad Request  
**Content:** {}
- '401':  
**Description:** Unauthorized  
**Content:** {}
- '404':  
**Description:** Not Found  
**Content:** {}
- '405':  
**Description:** Method Not Allowed  
**Content:** {}
- '409':  
**Description:** Conflict

```

    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: upper-threshold
delete:

```

```

Tags:
- data
- delete

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_threshold\_upper\_threshold\_delete

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Responses:**

```

'204':
  Description: No Content
  Content: {}

```

```

security:
- basicAuth: []

```

**options:**

```

Tags:
- data
- options

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_threshold\_upper\_threshold\_options

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string

```

**Format:** leafref

- **Name:** address-pool-pool-name
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** string

**Responses:**

'200':

- Description:** OK
- Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_threshold\_upper\_threshold\_head

**Parameters:**

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** string
- **Name:** content
- In:** query
- Description:** controlling descendant nodes in response
- Required/Optional:** false
- Style:** form
- Explode:** true
- Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**



```

    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []
patch:
```

**Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_threshold\_upper\_threshold\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string

**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_threshold\_upper\_threshold'

**Required/Optional:** true

**Responses:**

- '204':
  - Description:** leaf upper-threshold updated
  - Content:** {}
- '400':
  - Description:** Bad Request
  - Content:** {}
- '401':
  - Description:** Unauthorized
  - Content:** {}
- '404':
  - Description:** Not Found
  - Content:** {}
- '405':
  - Description:** Method Not Allowed
  - Content:** {}
- '409':
  - Description:** Conflict
  - Content:** {}

```

security:
- basicAuth: []
x-codegen-request-body-name: upper-threshold

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges

get:

**Tags:**

```

- data
- get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_get

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false

```

```

Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request

```

```

    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
put:

```

**Tags:**

```

- data
- put

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_put

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Request Body:**

```

Content:
  application/yang-data+json:
    Schema:
      Reference:

```

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges'

```

Required/Optional: true

```

**Responses:**

```

'201':
  Description: container prefix-ranges created or replaced

```

```

    Content: {}
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: prefix-ranges
Method: Post

```

**Tags:**

```

- data
- post

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_post
```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Request Body:**

```

Content:
  application/yang-data+json:
    Schema:
      Reference:

```

```
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges-post'
```

**Required/Optional:** true

**Responses:**

'201':

**Description:** container prefix-ranges created

**Content:** {}

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** prefix-ranges

**delete:**

**Tags:**

- data  
- delete

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_delete
```

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string  
**Format:** string

**Responses:**

**'204':**  
**Description:** No Content  
**Content:** {}

**security:**  
- **basicAuth:** []

**options:**

**Tags:**  
- data  
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref

- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:**

**'200':**  
**Description:** OK  
**Content:** {}

**security:**  
- **basicAuth:** []

**head:**

**Tags:**  
- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path



```

Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: leafref
- Name: address-pool-pool-name
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: content
  In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
  In: query
Description: xpath expression to filter data nodes in response
Required/Optional: false
Style: form
Explode: true

```

**Schema:****Type:** string**Format:** string**- Name:** with-defaults**In:** query**Description:** controlling default values in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** report-all**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:****'200':****Description:** OK**Content:** {}**security:****- basicAuth:** []**patch:****Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_patch

**Parameters:****- Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref**- Name:** address-pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

```
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges'
```

**Required/Optional:** true

**Responses:**

'204':

**Description:** container prefix-ranges updated

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** prefix-ranges

?

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range

: **options:**

**Tags:**

- data  
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_options

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string  
**Format:** string

**Responses:**

**'200':**  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/{prefix-range-prefix},{prefix-range-length}

**get:**

**Tags:**

- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer

```
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
```

```

enum:
- report-all
- trim
- explicit
- report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

#/operations/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range={prefix-range-length}

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

```

security:
- basicAuth: []

```

**put:**

```

Tags:
- data
- put

```

**Operation ID:**

```

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range={prefix-range-length}/put

```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name

```

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: prefix-range-prefix
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: prefix-range-length
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: insert
In: query
Description: controlling the order when adding new list elements
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: first
  enum:
    - first
    - last
    - before
    - after
- Name: point
In: query
Description: used to specify the insertion point
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:

```

```
#!/usr/bin/perl -s /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range/prefix-range-length
```

**Required/Optional:** true

**Responses:**

'201':

**Description:** list prefix-range created or replaced

**Content:** {}

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** prefix-range

**delete:**

**Tags:**

- data  
- delete

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_prefix_range_prefix_range_prefix_range_length_delete
```

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**



```

    Type: string
    Format: string
  - Name: prefix-range-prefix
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-length
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: integer
      Format: uint32

```

**Responses:**

```
'204':
```

```
  Description: No Content
```

```
  Content: {}
```

**security:**

```
- basicAuth: []
```

**options:****Tags:**

```
- data
- options
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_prefix_range_prefix_range_prefix_range_length_options
```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path

```

**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string  
 - **Name:** prefix-range-length  
   **In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** integer  
   **Format:** uint32

**Responses:**

'200':  
   **Description:** OK  
   **Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_length\_head

**Parameters:**

- **Name:** instance-instance-id  
   **In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** leafref  
 - **Name:** address-pool-pool-name  
   **In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string  
 - **Name:** prefix-range-prefix  
   **In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

- Type:** string
  - Format:** string
- **Name:** prefix-range-length
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults

**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

**'200':**  
  **Description:** OK  
  **Content:** {}

**security:**  
  - **basicAuth:** []

**patch:****Tags:**

- data  
 - patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_length\_patch

**Parameters:**

- **Name:** instance-instance-id  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
  **Type:** string  
  **Format:** leafref

- **Name:** address-pool-pool-name  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** prefix-range-prefix  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
  **Type:** string

```

    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          #/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range={prefix-range-prefix},(prefix-range-length)

    Required/Optional: true

Responses:
  '204':
    Description: list prefix-range updated
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: prefix-range
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range={prefix-range-prefix},(prefix-range-length)/prefix
: get:

Tags:
- data
- get
Operation ID:
data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range={prefix-range-prefix},(prefix-range-length)/prefix/get

Parameters:
- Name: instance-instance-id

```

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: leafref
- Name: address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: prefix-range-prefix
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: prefix-range-length
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:

```

```

    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

"/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix={prefix-prefix-prefix-prefix-prefix-length-prefix"

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized

```

```

    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
put:

Tags:
- data
- put
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_name_ipv6_prefix_range_prefix_range_prefix_range_prefix_range_length_prefix_range_prefix_range

```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** integer



**Format:** uint32

**Request Body:**

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

#/components/schemas/data-cisco-cn-ipam:ipam:instance-instance-id:address-pool-address-pool-name-ipv6:prefix-ranges:prefix-range:prefix-range:prefix-range-length:prefix-range-length

**Required/Optional:** true

**Responses:**

'201':

**Description:** leaf prefix created or replaced

**Content:** {}

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

**x-codegen-request-body-name:** prefix

**delete:**

**Tags:**

- data
- delete

**Operation ID:**

data-cisco-cn-ipam:ipam:instance-instance-id:address-pool-address-pool-name-ipv6:prefix-ranges:prefix-range:prefix-range:prefix-range-length:prefix-range-length-delete

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** integer  
    **Format:** uint32

**Responses:**

'204':  
**Description:** No Content  
**Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data
- options

**Operation ID:**

data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range={prefix-range-prefix}/prefix-range-length={prefix-range-length}/options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple

```

Explode: false
Schema:
  Type: string
  Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32

```

**Responses:**

```

'200':
  Description: OK
  Content: {}

```

**security:**

```

- basicAuth: []

```

**head:****Tags:**

```

- data
- head

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_prefix_range_prefix_range_prefix_range_length_prefix_head

```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false

```

Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

```

```

Responses:
  '200':
    Description: OK
    Content: {}

```

```

security:
- basicAuth: []

```

**patch:**

```

Tags:
- data
- patch

```

**Operation ID:**

`data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_name_ipv6_prefix_ranges_prefix_range_prefix_range_prefix_range_length_prefix_patch`

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix

```

```

    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-length
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: integer
      Format: uint32
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '%/components/schemas/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range/prefix-range-length/prefix'
    Required/Optional: true

  Responses:
    '204':
      Description: leaf prefix updated
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: prefix
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range={prefix-range-prefix},{prefix-range-length}/length
: get:

  Tags:
  - data
  - get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_length\_length\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query

**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: integer  
 Format: uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: enumeration  
 Default: report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

"/components/streams/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range/prefix-range-length"'

'204':  
**Description:** No Content  
**Content:** {}



```

    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  put:

  Tags:
  - data
  - put
  Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_prefix_range_prefix_range_prefix_range_prefix_range_length_length_put

```

**Parameters:**

- **Name:** instance-instance-id  
In: path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref
- **Name:** address-pool-pool-name  
In: path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** prefix-range-prefix  
In: path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** prefix-range-length  
In: path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** integer

**Format:** uint32

**Request Body:**

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

#/components/schemas/data-cisco-cn-ipam:ipam/instance-instance-id/address-pool-address-pool-name-ipv6-prefix-range-prefix-range-prefix-range-length-length

**Required/Optional:** true

**Responses:**

**'201':**

**Description:** leaf length created or replaced

**Content:** {}

**'204':**

**Description:** No Content

**Content:** {}

**'400':**

**Description:** Bad Request

**Content:** {}

**'401':**

**Description:** Unauthorized

**Content:** {}

**'404':**

**Description:** Not Found

**Content:** {}

**'405':**

**Description:** Method Not Allowed

**Content:** {}

**'409':**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** length

**delete:**

**Tags:**

- data

- delete

**Operation ID:**

data-cisco-cn-ipam:ipam/instance-instance-id/address-pool-address-pool-name-ipv6-prefix-range-prefix-range-prefix-range-length-length-delete

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

```

Style: simple
Explode: false
Schema:
  Type: string
  Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32

```

**Responses:**

```

'204':
  Description: No Content
  Content: {}

```

**security:**

```

- basicAuth: []

```

**options:****Tags:**

```

- data
- options

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_length\_length\_options

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string

```

```

    Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-prefix
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-length
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: integer
      Format: uint32

```

**Responses:**

```

  '200':
    Description: OK
    Content: {}

```

**security:**

```

  - basicAuth: []

```

**head:****Tags:**

```

  - data
  - head

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_prefix_range_prefix_range_prefix_range_length_length_head

```

**Parameters:**

```

  - Name: instance-instance-id
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true

```

```
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
```

**Format:** string

- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**patch:****Tags:**

- data
- patch

**Operation ID:**

data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range={prefix-range-prefix-range-length-length}patch

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple

```

    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-prefix
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-length
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: integer
      Format: uint32
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        #/components/schemas/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-range={prefix-range-prefix}/prefix-range-length={length}
    Required/Optional: true

Responses:
  '204':
    Description: leaf length updated
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
  - basicAuth: []
x-codegen-request-body-name: length
?

```

**/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges(prefix-range={prefix-range-prefix},prefix-range-length)/fire**  
**: get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_length\_offline\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config



```
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged
```

**Responses:**

'200':

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

```
"/components/streams/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range={prefix-range-length}/offline"
```

```
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
```

```
security:
- basicAuth: []
```

```
put:
```

**Tags:**

```
- data
- put
```

**Operation ID:**

```
data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range={prefix-range-length}/offline/put
```

**Parameters:**

```
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
```

```

    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-length
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: integer
      Format: uint32
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          #/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range/prefix-range-length/offline
    Required/Optional: true

Responses:
  '201':
    Description: leaf offline created or replaced
    Content: {}
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
  - basicAuth: []
  x-codegen-request-body-name: offline
delete:

Tags:
  - data
  - delete
Operation ID:
  data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_prefix_range_prefix_range_prefix_range_length_offline_delete

```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32

**Responses:**

'204':  
**Description:** No Content  
**Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_length\_options

**Parameters:**

- **Name:** instance-instance-id

```

    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-prefix
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-length
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: integer
      Format: uint32

Responses:
  '200':
    Description: OK
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head

Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_prefix_range_prefix_range_prefix_range_length_offset_head

Parameters:
  - Name: instance-instance-id
    In: path
    Required/Optional: true
    Style: simple
    Explode: false

```

```

Schema:
  Type: string
  Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query

```

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all

- trim

- explicit

- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data

- patch

**Operation ID:**

data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range={prefix-range-prefix-range-length}/offline/patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

```

    Type: string
    Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-prefix
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-length
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: integer
      Format: uint32

```

**Request Body:**

Content:

application/yang-data+json:

Schema:

Reference:

```

%comets/steas/0/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range-prefix-range-length offline

```

Required/Optional: true

**Responses:**

'204':

Description: leaf offline updated

Content: {}

'400':

Description: Bad Request

Content: {}

'401':

Description: Unauthorized

Content: {}

'404':

Description: Not Found

Content: {}

'405':

Description: Method Not Allowed

Content: {}

'409':



```

    Description: Conflict
    Content: {}
security:
  - basicAuth: []
x-codegen-request-body-name: offline
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/split-size
: get:

Tags:
- data
- get

Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_get

```

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true

**Schema:**  
**Type:** integer  
**Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**
  - report-all
  - trim
  - explicit
  - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_split-size'

'204':  
**Description:** No Content  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':

```

    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
put:

Tags:
- data
- put
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_put

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
'#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size'

Required/Optional: true

Responses:
'201':
  Description: container split-size created or replaced
  Content: {}
'204':

```

```

    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: split-size
Method: Post

```

**Tags:**

```

- data
- post

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_post
```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Request Body:**

```

Content:
  application/yang-data+json:
    Schema:
      Reference:

```

```
'#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_post'
```

**Required/Optional:** true

**Responses:**

'201':  
**Description:** container split-size created  
**Content:** {}  
 '204':  
**Description:** No Content  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':  
**Description:** Not Found  
**Content:** {}  
 '405':  
**Description:** Method Not Allowed  
**Content:** {}  
 '409':  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** split-size

**delete:**

**Tags:**

- data  
 - delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_delete

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref  
 - **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:****'204':****Description:** No Content**Content:** {}**security:****- basicAuth:** []**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_options

**Parameters:****- Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref**- Name:** address-pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**Responses:****'200':****Description:** OK**Content:** {}**security:****- basicAuth:** []**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_head

**Parameters:****- Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple

```
    Explode: false
    Schema:
      Type: string
      Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
```

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

- Type:** string
- Format:** enumeration
- Default:** report-all
- enum:**
  - report-all
  - trim
  - explicit
  - report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**patch:****Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

- Type:** string
- Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

- Type:** string
- Format:** string

**Request Body:**

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**



```
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size'
```

**Required/Optional:** true

**Responses:**

'204':

**Description:** container split-size updated

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** split-size

?

```
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/split-size/per-cache
: get:
```

**Tags:**

- data

- get

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_per_cache_get
```

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

- Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all

```

enum:
- report-all
- trim
- explicit
- report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address_pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-cache'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

```

security:
- basicAuth: []

```

**put:**

```

Tags:
- data
- put

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_instance_instance-instance-id_address_pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-cache_put

```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name

```

**In:** path  
**Required/Optional:** true

**Style:** simple  
**Explode:** false

**Schema:**  
**Type:** string  
**Format:** string

**Request Body:**

**Content:**  
**application/yang-data+json:**

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address\_pool\_address-pool-name\_ipv6\_prefix-ranges\_split-size\_per-cache'

**Required/Optional:** true

**Responses:**

'201':  
**Description:** leaf per-cache created or replaced  
**Content:** {}

'204':  
**Description:** No Content  
**Content:** {}

'400':  
**Description:** Bad Request  
**Content:** {}

'401':  
**Description:** Unauthorized  
**Content:** {}

'404':  
**Description:** Not Found  
**Content:** {}

'405':  
**Description:** Method Not Allowed  
**Content:** {}

'409':  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** per-cache

**delete:**

**Tags:**

- data  
 - delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance-id\_address\_pool\_address\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_cache\_delete

**Parameters:**

- **Name:** instance-instance-id

**In:** path

```

Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: leafref
- Name: address-pool-pool-name
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string

Responses:
  '204':
    Description: No Content
    Content: {}
  security:
  - basicAuth: []
options:

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_per_cache_options

```

```

Parameters:
- Name: instance-instance-id
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: leafref
- Name: address-pool-pool-name
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string

```

```

Responses:
  '200':
    Description: OK
    Content: {}
  security:

```

- basicAuth: []  
 head:

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_cache\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response

**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**  
   '200':  
     **Description:** OK  
     **Content:** {}

**security:**  
   - **basicAuth:** []

**patch:**

**Tags:**  
   - data  
   - patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_cache\_patch

**Parameters:**

**- Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string

```

    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-cache'

    Required/Optional: true

  Responses:
    '204':
      Description: leaf per-cache updated
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  x-codegen-request-body-name: per-cache
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/split-size/per-dp
: get:

  Tags:
  - data
  - get
  Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_per_dp_get

  Parameters:
  - Name: instance-instance-id

```



```
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
```

```

    Explode: true
    Schema:
      Type: string
      Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-dp'

  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
put:

Tags:
  - data

```

- put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_dp\_put

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string

**Request Body:**

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_split-size\_per-dp'

**Required/Optional:** true

**Responses:**

- '201':  
**Description:** leaf per-dp created or replaced  
**Content:** {}
- '204':  
**Description:** No Content  
**Content:** {}
- '400':  
**Description:** Bad Request  
**Content:** {}
- '401':  
**Description:** Unauthorized  
**Content:** {}
- '404':  
**Description:** Not Found  
**Content:** {}
- '405':  
**Description:** Method Not Allowed  
**Content:** {}
- '409':  
**Description:** Conflict  
**Content:** {}

```

security:
- basicAuth: []
x-codegen-request-body-name: per-dp
delete:

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_dp\_delete

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Responses:**

```

'204':
  Description: No Content
  Content: {}

```

```

security:
- basicAuth: []

```

**options:****Tags:**

```

- data
- options

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_dp\_options

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

```

- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

**Responses:**

'200':  
  **Description:** OK  
  **Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_dp\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref

- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config

```

    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []
patch:
```

**Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_dp\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string

**Request Body:**

**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_split-size\_per-dp'

**Required/Optional:** true

**Responses:**

'204':  
**Description:** leaf per-dp updated  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':  
**Description:** Not Found  
**Content:** {}  
 '405':  
**Description:** Method Not Allowed  
**Content:** {}  
 '409':  
**Description:** Conflict  
**Content:** {}

**security:**

```

- basicAuth: []
x-codegen-request-body-name: per-dp
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/split-size/no-split
: get:

```

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_no\_split\_get

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16



- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_split-size\_no-split'

'204':  
**Description:** No Content  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':

```

    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
put:

Tags:
- data
- put
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_no_split_put

```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Request Body:**

```

Content:
  application/yang-data+json:
    Schema:
      Reference:

```

```

'#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_no_split'

```

```

Required/Optional: true

```

**Responses:**

```

'201':
  Description: leaf no-split created or replaced
  Content: {}
'204':
  Description: No Content
  Content: {}
'400':

```

```

    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: no-split
delete:

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_no\_split\_delete

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Responses:**

```

'204':
  Description: No Content
  Content: {}

```

```

security:
- basicAuth: []

```

**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_no\_split\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:**

- '200':  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_no\_split\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

```
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
```

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_no\_split\_patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

**Request Body:**

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_no\_split'

**Required/Optional:** true

**Responses:**

'204':

**Description:** leaf no-split updated

**Content:** {}

'400':

**Description:** Bad Request

```

    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: no-split
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/threshold
: get:

  Tags:
  - data
  - get
  Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_threshold_get

```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration

```

    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:

```



**Schema:****Reference:**

```
'#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold'
```

```
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
```

**security:**

```
- basicAuth: []
```

**put:****Tags:**

```
- data
- put
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_threshold_put
```

**Parameters:**

```
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
```

**Request Body:**

```
Content:
  application/yang-data+json:
```

**Schema:****Reference:**

```
'#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance-instance-id_address_pool_address-pool-pool-name_ipv6_prefix-ranges_threshold'
```

**Required/Optional:** true

**Responses:**

'201':

**Description:** container threshold created or replaced

**Content:** {}

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** threshold

**Method:** Post

**Tags:**

- data

- post

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_threshold_post
```

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

```

Explode: false
Schema:
  Type: string
  Format: string
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold-post'

Required/Optional: true

Responses:
  '201':
    Description: container threshold created
    Content: {}
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: threshold
delete:

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance-id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_threshold_delete

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false

```

**Schema:****Type:** string**Format:** leafref**- Name:** address-pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**Responses:****'204':****Description:** No Content**Content:** {}**security:****- basicAuth:** []**options:****Tags:****- data****- options****Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_options

**Parameters:****- Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref**- Name:** address-pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**Responses:****'200':****Description:** OK**Content:** {}**security:****- basicAuth:** []**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

**Schema:**

**Type:** string  
**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string  
**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string  
**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**patch:****Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

```

Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold'

Required/Optional: true

Responses:
  '204':
    Description: container threshold updated
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
  - basicAuth: []
x-codegen-request-body-name: threshold
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/threshold/upper-threshold
: get:

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_threshold_upper_threshold_get

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple

```

```

Explode: false
Schema:
  Type: string
  Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string

```



```

    Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold_upper-threshold'

  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
put:

Tags:
  - data
  - put
Operation ID:
  data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_threshold_upper_threshold_put

```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Request Body:**

- Content:**  
**application/yang-data+json:**  
**Schema:**

**Reference:**

```
"/components/schemas/data-cisco-cn-ipam-ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold_upper-threshold"
```

**Required/Optional:** true

**Responses:**

- '201':  
**Description:** leaf upper-threshold created or replaced  
**Content:** {}
- '204':  
**Description:** No Content  
**Content:** {}
- '400':  
**Description:** Bad Request  
**Content:** {}
- '401':  
**Description:** Unauthorized  
**Content:** {}
- '404':  
**Description:** Not Found  
**Content:** {}
- '405':  
**Description:** Method Not Allowed  
**Content:** {}
- '409':  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** upper-threshold

**delete:****Tags:**

- data
- delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_upper\_threshold\_delete

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:**

'204':

**Description:** No Content  
**Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_upper\_threshold\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true

**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

**Responses:**

**'200':**  
  **Description:** OK  
  **Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_upper\_threshold\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all
- **Name:** depth

```

In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
In: query
Description: xpath expression to filter data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
  - basicAuth: []
patch:

Tags:
  - data
  - patch

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_upper\_threshold\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string

**Request Body:**

- Content:**  
**application/yang-data+json:**  
**Schema:**  
**Reference:**

"/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_upper\_threshold"

**Required/Optional:** true

**Responses:**

- '204':  
**Description:** leaf upper-threshold updated  
**Content:** {}
- '400':  
**Description:** Bad Request  
**Content:** {}
- '401':  
**Description:** Unauthorized  
**Content:** {}
- '404':  
**Description:** Not Found  
**Content:** {}
- '405':  
**Description:** Method Not Allowed  
**Content:** {}
- '409':  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []
- x-codegen-request-body-name:** upper-threshold

?

**/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/cisco-brg-ipam:prefix-length**  
**: get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_cisco\_brg\_ipam\_prefix\_length\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response

**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
   **application/yang-data+json:**  
     **Schema:**  
       **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_cisco-cn-ipam\_prefix-length'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**  
**Description:** Bad Request  
**Content:** {}  
**'401':**  
**Description:** Unauthorized  
**Content:** {}  
**'404':**  
**Description:** Not Found  
**Content:** {}  
**'405':**



**Description:** Method Not Allowed  
**Content:** {}  
**'409':**  
**Description:** Conflict  
**Content:** {}  
**security:**  
 - **basicAuth:** []  
**put:**

**Tags:**

- data  
- put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_cisco\_cn\_ipam\_prefix\_length\_put

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** leafref  
 - **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string

**Request Body:**

**Content:**  
 application/yang-data+json:  
   **Schema:**  
     **Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_cisco\_cn\_ipam\_prefix\_length'

**Required/Optional:** true

**Responses:**

**'201':**  
**Description:** leaf prefix-length created or replaced  
**Content:** {}  
**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**  
**Description:** Bad Request  
**Content:** {}  
**'401':**

```

    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: prefix-length
delete:

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_cisco\_cn\_ipam\_prefix\_length\_delete

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Responses:**

```

'204':
  Description: No Content
  Content: {}

```

```

security:
- basicAuth: []

```

**options:****Tags:**

```

- data
- options

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_cisco\_cn\_ipam\_prefix\_length\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string

**Responses:**

- '200':  
  - Description:** OK
  - Content:** {}
- security:**
- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_cisco\_cn\_ipam\_prefix\_length\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content

**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all

- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:** {}**security:**

- basicAuth: []

**patch:****Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_cisco\_cn\_ipam\_prefix\_length\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_cisco\_cn\_ipam\_prefix\_length

**Required/Optional:** true**Responses:**

'204':

**Description:** leaf prefix-length updated**Content:** {}

'400':

**Description:** Bad Request**Content:** {}

'401':

**Description:** Unauthorized

```

    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: prefix-length

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:static

get:

Tags:

- data
- get

Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_get

Parameters:

- Name: instance-instance-id
  - In: path
  - Required/Optional: true
  - Style: simple
  - Explode: false
  - Schema:
    - Type: string
    - Format: leafref
- Name: address-pool-pool-name
  - In: path
  - Required/Optional: true
  - Style: simple
  - Explode: false
  - Schema:
    - Type: string
    - Format: string
- Name: content
  - In: query
  - Description: controlling descendant nodes in response
  - Required/Optional: false
  - Style: form
  - Explode: true
  - Schema:

```

    Type: string
    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

Responses:
  '200':
    Description: OK

```

```

Content:
  application/yang-data+json:
    Schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_static'

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
put:

Tags:
- data
- put
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance-id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_put

```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
Request Body:

```



**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-bng-ipam\_static'

**Required/Optional:** true

**Responses:**

'201':

**Description:** container static created or replaced

**Content:** {}

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

**x-codegen-request-body-name:** static

**Method:** Post

**Tags:**

- data

- post

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_post

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

```

Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_static-post'

Required/Optional: true

Responses:
'201':
  Description: container static created
  Content: {}
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: static
delete:

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_delete

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true

```

```

    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string

Responses:
  '204':
    Description: No Content
    Content: {}
  security:
  - basicAuth: []
options:

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_options

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

Responses:
  '200':
    Description: OK
    Content: {}
  security:
  - basicAuth: []

```

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false

```

    Style: form
    Explode: true
    Schema:
      Type: string
      Format: string
  - Name: filter
    In: query
    Description: xpath expression to filter data nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
        - report-all
        - trim
        - explicit
        - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []
patch:

Tags:
- data
- patch
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_patch

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

```

```

- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_static'

    Required/Optional: true

  Responses:
    '204':
      Description: container static updated
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  x-codegen-request-body-name: static
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:static/cisco-bng-ipam:enable
: get:

  Tags:
  - data
  - get
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_cisco_bng_ipam_enable_get

  Parameters:
  - Name: instance-instance-id
    In: path

```

```
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
```

**Schema:****Type:** string**Format:** string**- Name:** with-defaults**In:** query**Description:** controlling default values in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** report-all**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:****'200':****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_static_cisco-bng-ipam-enable'
```

**'204':****Description:** No Content**Content:** {}**'400':****Description:** Bad Request**Content:** {}**'401':****Description:** Unauthorized**Content:** {}**'404':****Description:** Not Found**Content:** {}**'405':****Description:** Method Not Allowed**Content:** {}**'409':****Description:** Conflict**Content:** {}**security:****- basicAuth:** []**put:****Tags:**

- data
- put



**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_enable\_put

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string

**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_enable'

**Required/Optional:** true**Responses:**

- '201':  
**Description:** leaf enable created or replaced  
**Content:** {}
- '204':  
**Description:** No Content  
**Content:** {}
- '400':  
**Description:** Bad Request  
**Content:** {}
- '401':  
**Description:** Unauthorized  
**Content:** {}
- '404':  
**Description:** Not Found  
**Content:** {}
- '405':  
**Description:** Method Not Allowed  
**Content:** {}
- '409':  
**Description:** Conflict  
**Content:** {}

**security:**

```
- basicAuth: []
x-codegen-request-body-name: enable
```

```
delete:
```

**Tags:**

```
- data
- delete
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_cisco_bng_ipam_enable_delete
```

**Parameters:**

```
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
```

**Responses:**

```
'204':
  Description: No Content
  Content: {}
```

**security:**

```
- basicAuth: []
```

```
options:
```

**Tags:**

```
- data
- options
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_cisco_bng_ipam_enable_options
```

**Parameters:**

```
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
```

**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string

**Responses:**  
 '200':  
   **Description:** OK  
   **Content:** {}  
**security:**  
 - **basicAuth:** []

**head:**

**Tags:**  
 - data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_enable\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** config  
   **enum:**  
   - config  
   - nonconfig

```

- all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []
patch:

Tags:

```

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_enable\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string

**Request Body:**

- Content:**  
  - application/yang-data+json:
  - Schema:**
  - Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_cisco-bng-ipam\_static\_cisco-bng-ipam\_enable'

- Required/Optional:** true

**Responses:**

- '204':  
  - Description:** leaf enable updated
  - Content:** {}
- '400':  
  - Description:** Bad Request
  - Content:** {}
- '401':  
  - Description:** Unauthorized
  - Content:** {}
- '404':  
  - Description:** Not Found
  - Content:** {}
- '405':  
  - Description:** Method Not Allowed
  - Content:** {}
- '409':  
  - Description:** Conflict
  - Content:** {}

**security:**

- basicAuth: []

**x-codegen-request-body-name:** enable

?

**/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:static/cisco-bng-ipam:static**  
**: get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_user\_plane\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16
- **Name:** fields

**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-bng-ipam\_static\_cisco-bng-ipam\_user-plane'

'204':  
**Description:** No Content  
**Content:** {}

'400':  
**Description:** Bad Request  
**Content:** {}

'401':  
**Description:** Unauthorized  
**Content:** {}

'404':  
**Description:** Not Found

```

    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
put:

Tags:
- data
- put
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_cisco_bng_ipam_user_plane_put

```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Request Body:**

```

Content:
  application/yang-data+json:
    Schema:
      Reference:

```

```

'#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_cisco_bng_ipam_user_plane'

```

```

Required/Optional: true

```

**Responses:**

```

'201':
  Description: leaf user-plane created or replaced
  Content: {}
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request

```



```

    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: user-plane
delete:

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_user\_plane\_delete

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Responses:**

```

'204':
  Description: No Content
  Content: {}

```

**security:**

```

- basicAuth: []

```

**options:****Tags:**

```

- data

```

- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_user\_plane\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string

**Responses:**

'200':  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_user\_plane\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string

```
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
```

```

enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content: {}

```

**security:**

```

- basicAuth: []

```

**patch:****Tags:**

```

- data
- patch

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_cisco_bng_ipam_user_plane_patch
```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

**Request Body:**

```

Content:
  application/yang-data+json:
    Schema:
      Reference:

```

```

'#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_cisco_bng_ipam_user_plane'
```

```

Required/Optional: true

```

**Responses:**

```

'204':
  Description: leaf user-plane updated
  Content: {}

```

```

'400':
  Description: Bad Request
  Content: {}

```

```

'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: user-plane

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/threshold

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_threshold_get

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response

```

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_threshold'
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request

```

```

    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
put:

Tags:
- data
- put
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_threshold_put

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_threshold'
    Required/Optional: true

Responses:
  '201':
    Description: container threshold created or replaced
    Content: {}
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':

```

```

    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: threshold
Method: Post

Tags:
- data
- post
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_threshold_post

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold-post'

    Required/Optional: true

Responses:
  '201':
    Description: container threshold created
    Content: {}
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':

```



```
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: threshold
delete:

Tags:
- data
- delete
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_threshold_delete

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

Responses:
  '204':
    Description: No Content
    Content: {}
  security:
  - basicAuth: []
options:

Tags:
- data
- options
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_threshold_options

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

Responses:
  '200':
    Description: OK
    Content: {}
```

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_threshold\_head

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
  - basicAuth: []
patch:

Tags:
- data
- patch
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_threshold_patch

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
      '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold'
    Required/Optional: true

Responses:
  '204':

```

```

    Description: container threshold updated
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: threshold

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/threshold/ipv4-addr

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_ipv4\_addr\_get

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

- config
- nonconfig
- all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all  
    - trim  
    - explicit  
    - report-all-tagged

**Responses:****'200':****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```

'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold_ipv4-addr'

  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  put:

  Tags:
  - data
  - put
  Operation ID:
  data_cisco_cn_ipam_ipam_instance_instance_instance_id_threshold_ipv4_addr_put

  Parameters:
  - Name: instance-instance-id
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  Request Body:
  Content:
  application/yang-data+json:
    Schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold_ipv4-addr'

    Required/Optional: true

  Responses:
  '201':
    Description: leaf ipv4-addr created or replaced
    Content: {}
  '204':

```

```

    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: ipv4-addr
delete:

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_threshold_ipv4_addr_delete

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

Responses:
  '204':
    Description: No Content
    Content: {}
  security:
- basicAuth: []
options:

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_threshold_ipv4_addr_options

Parameters:
- Name: instance-instance-id

```

**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref

**Responses:**  
  '200':  
    **Description:** OK  
    **Content:** {}  
**security:**  
  - **basicAuth:** []

**head:**

**Tags:**  
  - data  
  - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_ipv4\_addr\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer



```

    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content: {}

```

**security:**

```

- basicAuth: []

```

**patch:****Tags:**

```

- data
- patch

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_instance_instance_instance_id_threshold_ipv4_addr_patch

```

**Parameters:**

```

- Name: instance-instance-id
  In: path
  Required/Optional: true

```

**/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/threshold /ipv6-addr**

```

Style: simple
Explode: false
Schema:
  Type: string
  Format: leafref
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_threshold_ipv4-addr'

  Required/Optional: true

Responses:
  '204':
    Description: leaf ipv4-addr updated
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
  - basicAuth: []
x-codegen-request-body-name: ipv4-addr

```

**/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/threshold /ipv6-addr**

```

get:

  Tags:
  - data
  - get
  Operation ID:
  data_cisco_cn_ipam_ipam_instance_instance_instance_id_threshold_ipv6_addr_get

  Parameters:
  - Name: instance-instance-id
    In: path
    Required/Optional: true
    Style: simple

```

```
    Explode: false
    Schema:
      Type: string
      Format: leafref
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
```

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_threshold\_ipv6-addr'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**  
**Description:** Bad Request  
**Content:** {}  
**'401':**  
**Description:** Unauthorized  
**Content:** {}  
**'404':**  
**Description:** Not Found  
**Content:** {}  
**'405':**  
**Description:** Method Not Allowed  
**Content:** {}  
**'409':**  
**Description:** Conflict  
**Content:** {}

**security:**  
 - **basicAuth:** []

**put:**

**Tags:**  
 - data  
 - put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance-id\_threshold\_ipv6\_addr\_put

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string

```

    Format: leafref
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_threshold_ipv6-addr'

    Required/Optional: true

  Responses:
    '201':
      Description: leaf ipv6-addr created or replaced
      Content: {}
    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  x-codegen-request-body-name: ipv6-addr
delete:

  Tags:
    - data
    - delete
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance_instance_id_threshold_ipv6_addr_delete

  Parameters:
    - Name: instance-instance-id
      In: path
      Required/Optional: true
      Style: simple
      Explode: false
      Schema:
        Type: string
        Format: leafref

```

**Responses:**

'204':

**Description:** No Content**Content:** {}**security:**- **basicAuth:** []**options:****Tags:**- data  
- options**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_ipv6\_addr\_options

**Parameters:**- **Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref**Responses:**

'200':

**Description:** OK**Content:** {}**security:**- **basicAuth:** []**head:****Tags:**- data  
- head**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_ipv6\_addr\_head

**Parameters:**- **Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref- **Name:** content**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

```

    Type: string
    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

Responses:
  '200':
    Description: OK
```

```

    Content: {}
  security:
  - basicAuth: []
patch:

Tags:
- data
- patch
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_threshold_ipv6_addr_patch

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold_ipv6-addr'

Required/Optional: true

Responses:
'204':
  Description: leaf ipv6-addr updated
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: ipv6-addr

```



## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/threshold /ipv6-prefix

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_ipv6\_prefix\_get

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string

```

    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_threshold_ipv6-prefix'
```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

```

    security:
    - basicAuth: []
  put:

  Tags:
  - data
  - put
  Operation ID:
  data_cisco_cn_ipam_ipam_instance_instance_instance_id_threshold_ipv6_prefix_put

  Parameters:
  - Name: instance-instance-id
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold_ipv6-prefix'

    Required/Optional: true

  Responses:
  '201':
    Description: leaf ipv6-prefix created or replaced
    Content: {}
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: ipv6-prefix

```

**delete:****Tags:**

- data
- delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_ipv6\_prefix\_delete

**Parameters:**

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** leafref

**Responses:****'204':****Description:** No Content**Content:** {}**security:**

- **basicAuth:** []

**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_ipv6\_prefix\_options

**Parameters:**

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** leafref

**Responses:****'200':****Description:** OK**Content:** {}**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_ipv6\_prefix\_head

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults

**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

**'200':**  
  **Description:** OK  
  **Content:** {}

**security:**  
  - **basicAuth:** []

**patch:****Tags:**

- data  
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_ipv6\_prefix\_patch

**Parameters:**

- **Name:** instance-instance-id  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
  **Type:** string  
  **Format:** leafref

**Request Body:**

**Content:**  
  **application/yang-data+json:**  
  **Schema:**  
  **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_threshold\_ipv6-prefix'

**Required/Optional:** true

**Responses:**

**'204':**  
  **Description:** leaf ipv6-prefix updated  
  **Content:** {}

**'400':**  
  **Description:** Bad Request  
  **Content:** {}

```

'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: ipv6-prefix

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/min-dp-addr-size

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
    - config  
    - nonconfig  
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_min-dp-addr-size'

```

```

'204':
  Description: No Content
  Content: {}
'400':

```



```

    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
put:

  Tags:
  - data
  - put
  Operation ID:
  data_cisco_cn_ipam_ipam_instance_instance_instance_id_min_dp_addr_size_put

  Parameters:
  - Name: instance-instance-id
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size'

    Required/Optional: true

  Responses:
  '201':
    Description: container min-dp-addr-size created or replaced
    Content: {}
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':

```

```

    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: min-dp-addr-size
Method: Post

Tags:
- data
- post
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_min_dp_addr_size_post

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size-post'

Required/Optional: true

Responses:
  '201':
    Description: container min-dp-addr-size created
    Content: {}
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}

```

```

    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: min-dp-addr-size
delete:

  Tags:
  - data
  - delete
  Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_min_dp_addr_size_delete

  Parameters:
  - Name: instance-instance-id
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref

  Responses:
  '204':
    Description: No Content
    Content: {}
  security:
  - basicAuth: []
options:

  Tags:
  - data
  - options
  Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_min_dp_addr_size_options

  Parameters:
  - Name: instance-instance-id
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref

```

**Responses:**

'200':

**Description:** OK**Content:** {}**security:**- **basicAuth:** []**head:****Tags:**- data  
- head**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_head

**Parameters:**- **Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref- **Name:** content**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** config**enum:**- config  
- nonconfig  
- all- **Name:** depth**In:** query**Description:** limit the depth of nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** integer**Format:** uint16- **Name:** fields**In:** query**Description:** optionally identify specific data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

```

    Type: string
    Format: string
  - Name: filter
    In: query
    Description: xpath expression to filter data nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
        - report-all
        - trim
        - explicit
        - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
  - basicAuth: []
patch:

Tags:
- data
- patch
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_min_dp_addr_size_patch

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
Request Body:
Content:
  application/yang-data+json:

```

**Schema:****Reference:**

```
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_min-dp-addr-size'
```

**Required/Optional:** true

**Responses:**

'204':

**Description:** container min-dp-addr-size updated

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

**x-codegen-request-body-name:** min-dp-addr-size

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/min-dp-ad dr-size/ipv4-addr

**get:****Tags:**

- data

- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_ipv4\_addr\_get

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit

- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_min-dp-addr-size\_ipv4-addr'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

**put:**

**Tags:**

- data

- put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_ipv4\_addr\_put

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

**Request Body:**

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**



```
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size_ipv4-addr'
```

**Required/Optional:** true

**Responses:**

'201':

**Description:** leaf ipv4-addr created or replaced

**Content:** {}

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** ipv4-addr

**delete:**

**Tags:**

- data  
- delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance-id\_min\_dp\_addr\_size\_ipv4\_addr\_delete

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

**Responses:**

'204':

**Description:** No Content

**Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_ipv4\_addr\_options

**Parameters:**

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** leafref

**Responses:**

'200':

**Description:** OK**Content:** {}**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_ipv4\_addr\_head

**Parameters:**

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** content
- In:** query
- Description:** controlling descendant nodes in response
- Required/Optional:** false
- Style:** form
- Explode:** true
- Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig

```
- all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []
patch:

Tags:
```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/min-dp-ad dr-size/ipv6-addr

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_ipv4\_addr\_patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

**Request Body:**

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_min-dp-addr-size\_ipv4-addr'

**Required/Optional:** true

**Responses:**

'204':

**Description:** leaf ipv4-addr updated

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** ipv4-addr

**/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/min-dp-ad  
dr-size/ipv6-addr**

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_ipv6\_addr\_get

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true

```

    Schema:
      Type: string
      Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_min-dp-addr-size_ipv6-addr'

  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
    - basicAuth: []
  put:

  Tags:
    - data
    - put

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_ipv6\_addr\_put

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref

**Request Body:**

**Content:**  
**application/yang-data+json:**  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_min-dp-addr-size\_ipv6-addr'

**Required/Optional:** true**Responses:**

'201':  
**Description:** leaf ipv6-addr created or replaced  
**Content:** {}  
'204':  
**Description:** No Content  
**Content:** {}  
'400':  
**Description:** Bad Request  
**Content:** {}  
'401':  
**Description:** Unauthorized  
**Content:** {}  
'404':  
**Description:** Not Found  
**Content:** {}  
'405':  
**Description:** Method Not Allowed  
**Content:** {}  
'409':  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []  
**x-codegen-request-body-name:** ipv6-addr

**delete:****Tags:**

- data  
- delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_ipv6\_addr\_delete

**Parameters:**

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** leafref

**Responses:**

- '204':
  - Description:** No Content
  - Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_ipv6\_addr\_options

**Parameters:**

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** leafref

**Responses:**

- '200':
  - Description:** OK
  - Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_ipv6\_addr\_head

**Parameters:**

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true
- Style:** simple



```
Explode: false
Schema:
  Type: string
  Format: leafref
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
```

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

**patch:****Tags:**

- data  
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_ipv6\_addr\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref

**Request Body:**

**Content:**  
**application/yang-data+json:**  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_min-dp-addr-size\_ipv6-addr'

**Required/Optional:** true

**Responses:**

**'204':**  
**Description:** leaf ipv6-addr updated  
**Content:** {}  
**'400':**  
**Description:** Bad Request  
**Content:** {}  
**'401':**  
**Description:** Unauthorized  
**Content:** {}  
**'404':**  
**Description:** Not Found  
**Content:** {}

```

'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: ipv6-addr

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/min-dp-ad dr-size/ipv6-prefix

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_min_dp_addr_size_ipv6_prefix_get

```

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:

```

```

    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_min-dp-addr-size_ipv6-prefix'
```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized

```

```

    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
put:

Tags:
- data
- put
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_min_dp_addr_size_ipv6_prefix_put

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size_ipv6-prefix'

Required/Optional: true

Responses:
'201':
  Description: leaf ipv6-prefix created or replaced
  Content: {}
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found

```

```

    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: ipv6-prefix
delete:

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_min_dp_addr_size_ipv6_prefix_delete

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

Responses:
  '204':
    Description: No Content
    Content: {}
  security:
  - basicAuth: []
options:

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_min_dp_addr_size_ipv6_prefix_options

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

Responses:
  '200':

```

**Description:** OK  
**Content:** {}  
**security:**  
 - **basicAuth:** []  
**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_ipv6\_prefix\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** string

- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:** {}**security:**

- **basicAuth:** []

**patch:****Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_ipv6\_prefix\_patch

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref

**Request Body:****Content:****application/yang-data+json:****Schema:****Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_min-dp-addr-size\_ipv6-prefix'



```
Required/Optional: true

Responses:
  '204':
    Description: leaf ipv6-prefix updated
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: ipv6-prefix
```

## /data/cisco-cn-ipam:ipam/pool

```
get:

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_pool_get

Parameters:
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
```

**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
     **application/yang-data+json:**  
         **Schema:**  
             **Reference:** '#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool'

'204':  
**Description:** No Content  
**Content:** {}

'400':

```
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_pool_head

Parameters:
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
```

**Schema:**  
**Type:** string  
**Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**
  - report-all
  - trim
  - explicit
  - report-all-tagged

**Responses:**  
**'200':**  
**Description:** OK  
**Content:** {}  
**security:**  
- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}

**get:**

**Tags:**  
- data  
- get  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_get

**Parameters:**  
- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string

- Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all

```

enum:
- report-all
- trim
- explicit
- report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
      Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name'

```

```

'204':
  Description: No Content
  Content: {}

```

```

'400':
  Description: Bad Request
  Content: {}

```

```

'401':
  Description: Unauthorized
  Content: {}

```

```

'404':
  Description: Not Found
  Content: {}

```

```

'405':
  Description: Method Not Allowed
  Content: {}

```

```

'409':
  Description: Conflict
  Content: {}

```

**security:**

```

- basicAuth: []

```

**head:****Tags:**

```

- data
- head

```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_head

**Parameters:**

```

- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response

```

```
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged
```

**Responses:**

'200':

Description: OK

Content: {}

**security:**

- basicAuth: []

**/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/pool-name****get:****Tags:**

- data

- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_pool\_name\_get**Parameters:**- **Name:** pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string- **Name:** content**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** config**enum:**

- config

- nonconfig

- all

- **Name:** depth**In:** query**Description:** limit the depth of nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** integer**Format:** uint16- **Name:** fields**In:** query**Description:** optionally identify specific data nodes in response



**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**'200':**  
   **Description:** OK  
   **Content:**  
     application/yang-data+json:  
       **Schema:**  
         **Reference:**  
         '#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_pool-name'  
**'204':**  
   **Description:** No Content  
   **Content:** {}  
**'400':**  
   **Description:** Bad Request  
   **Content:** {}  
**'401':**  
   **Description:** Unauthorized  
   **Content:** {}  
**'404':**  
   **Description:** Not Found  
   **Content:** {}  
**'405':**  
   **Description:** Method Not Allowed

```

    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_pool_name_head

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string

```

```

    Format: string
  - Name: filter
    In: query
    Description: xpath expression to filter data nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
        - report-all
        - trim
        - explicit
        - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/gr-inst-id

get:

```

Tags:
  - data
  - get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_gr_inst_id_get

Parameters:
  - Name: pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: content

```

**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all

- trim
- explicit
- report-all-tagged

**Responses:****'200':****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_gr-inst-id'

**'204':****Description:** No Content**Content:** {}**'400':****Description:** Bad Request**Content:** {}**'401':****Description:** Unauthorized**Content:** {}**'404':****Description:** Not Found**Content:** {}**'405':****Description:** Method Not Allowed**Content:** {}**'409':****Description:** Conflict**Content:** {}**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_gr\_inst\_id\_head**Parameters:**

- **Name:** pool-pool-name

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** content

**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form

**Explode:** true

**Schema:**

- Type:** string
- Format:** enumeration
- Default:** config
- enum:**
  - config
  - nonconfig
  - all

- **Name:** depth

**In:** query

**Description:** limit the depth of nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

- Type:** integer
- Format:** uint16

- **Name:** fields

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

- Type:** string
- Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

- Type:** string
- Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

- Type:** string
- Format:** enumeration
- Default:** report-all
- enum:**
  - report-all
  - trim
  - explicit
  - report-all-tagged

**Responses:**

```

'200':
  Description: OK
  Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-total

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_total_get

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false

```

```

Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-total'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}

```



```
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_total_head

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
```

- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:** {}**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-used

**get:****Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_used\_get**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query

**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all  
    - trim  
    - explicit

- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-used'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

**head:**

**Tags:**

- data

- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_used\_head

**Parameters:**

- **Name:** pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

```

    Type: string
    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

Responses:
  '200':
    Description: OK
```

```

    Content: {}
  security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-threshold

get:

**Tags:**

```

- data
- get

```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_threshold\_get

**Parameters:**

```

- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true

```

```

Schema:
  Type: string
  Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-threshold'
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict

```

```

    Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_threshold_head

  Parameters:
  - Name: pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: content
    In: query
    Description: controlling descendant nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: config
      enum:
        - config
        - nonconfig
        - all
  - Name: depth
    In: query
    Description: limit the depth of nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: integer
      Format: uint16
  - Name: fields
    In: query
    Description: optionally identify specific data nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: string
  - Name: filter
    In: query

```



**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**  
   '200':  
     **Description:** OK  
     **Content:** {}  
**security:**  
   - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr-total

get:

**Tags:**  
   - data  
   - get  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_total\_get

**Parameters:**  
   - **Name:** pool-pool-name  
     **In:** path  
     **Required/Optional:** true  
     **Style:** simple  
     **Explode:** false  
     **Schema:**  
       **Type:** string  
       **Format:** string  
   - **Name:** content  
     **In:** query  
     **Description:** controlling descendant nodes in response  
     **Required/Optional:** false

**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr-total'

'204':

**Description:** No Content**Content:** {}

'400':

**Description:** Bad Request**Content:** {}

'401':

**Description:** Unauthorized**Content:** {}

'404':

**Description:** Not Found**Content:** {}

'405':

**Description:** Method Not Allowed**Content:** {}

'409':

**Description:** Conflict**Content:** {}**security:**- **basicAuth:** []**head:****Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_total\_head**Parameters:**- **Name:** pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string- **Name:** content**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string

**Format:** enumeration  
**Default:** config  
**enum:**  
- config  
- nonconfig  
- all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:** {}

```
security:  
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr-used

get:

**Tags:**

```
- data  
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_used\_get

**Parameters:**

```
- Name: pool-pool-name  
  In: path  
  Required/Optional: true  
  Style: simple  
  Explode: false  
  Schema:  
    Type: string  
    Format: string  
- Name: content  
  In: query  
  Description: controlling descendant nodes in response  
  Required/Optional: false  
  Style: form  
  Explode: true  
  Schema:  
    Type: string  
    Format: enumeration  
    Default: config  
    enum:  
    - config  
    - nonconfig  
    - all  
- Name: depth  
  In: query  
  Description: limit the depth of nodes in response  
  Required/Optional: false  
  Style: form  
  Explode: true  
  Schema:  
    Type: integer  
    Format: uint16  
- Name: fields  
  In: query  
  Description: optionally identify specific data nodes in response  
  Required/Optional: false  
  Style: form  
  Explode: true  
  Schema:
```

```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr-used'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

```
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_used_head

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
```

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr-threshold

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_threshold_get

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form

```



**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

```

    '200':
      Description: OK
      Content:
        application/yang-data+json:
          Schema:
            Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr-threshold'
    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_threshold_head

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration

```

```
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged
```

**Responses:**

```
'200':
  Description: OK
  Content: {}
```

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-pfx-total

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_pfx\_total\_get

**Parameters:**

```
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
```

```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-pfx-total'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

**security:**  
 - **basicAuth:** []

**head:**

**Tags:**

- data  
 - head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_pfx\_total\_head

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-pfx-used

**get:**

```

Tags:
  - data
  - get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_pfx_used_get

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form

```

```

Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**



```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-pfx-used'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_pfx_used_head

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration

```

```

    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content: {}

```

```

security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-pfx-threshold:

get:

**Tags:**

```

- data
- get

```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_pfx\_threshold\_get

**Parameters:**

```

- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:

```

```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-pfx-threshold'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

```
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_pfx_threshold_head

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
```

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-rsvd-addr

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_rsvd_addr_get

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form

```

**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
    - report-all  
    - trim  
    - explicit  
    - report-all-tagged

**Responses:**

```

    '200':
      Description: OK
      Content:
        application/yang-data+json:
          Schema:
            Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-rsvd-addr'
    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_rsvd_addr_head

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration

```



```
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged
```

**Responses:**

```
'200':
  Description: OK
  Content: {}
```

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/app-name-bng

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_app\_name\_bng\_get

**Parameters:**

```
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
```

```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_app-name-bng'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

**security:**  
 - **basicAuth:** []

**head:**

**Tags:**

- data  
 - head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_app\_name\_bng\_head

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/static

get:

```

Tags:
  - data
  - get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_static_get

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form

```

```

Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_static'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_static_head

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration

```

```

    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content: {}

```



```
security:  
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/offline

get:

**Tags:**

```
- data  
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_offline\_get

**Parameters:**

```
- Name: pool-pool-name  
  In: path  
  Required/Optional: true  
  Style: simple  
  Explode: false  
  Schema:  
    Type: string  
    Format: string  
- Name: content  
  In: query  
  Description: controlling descendant nodes in response  
  Required/Optional: false  
  Style: form  
  Explode: true  
  Schema:  
    Type: string  
    Format: enumeration  
    Default: config  
    enum:  
    - config  
    - nonconfig  
    - all  
- Name: depth  
  In: query  
  Description: limit the depth of nodes in response  
  Required/Optional: false  
  Style: form  
  Explode: true  
  Schema:  
    Type: integer  
    Format: uint16  
- Name: fields  
  In: query  
  Description: optionally identify specific data nodes in response  
  Required/Optional: false  
  Style: form  
  Explode: true  
  Schema:
```

```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_offline'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

```
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_offline_head

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
```

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr

**get:**

```

Tags:
  - data
  - get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_get

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form

```

**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

```

    '200':
      Description: OK
      Content:
        application/yang-data+json:
          Schema:
            Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr'
    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_head

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration

```

```
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
```

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}

get:

**Tags:**

```
- data
- get
```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_get

**Parameters:**

```
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
```



**Schema:**

**Type:** integer  
**Format:** uint16

**- Name:** fields**In:** query**Description:** optionally identify specific data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** string  
**Format:** string

**- Name:** filter**In:** query**Description:** xpath expression to filter data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** string  
**Format:** string

**- Name:** with-defaults**In:** query**Description:** controlling default values in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:****'200':****Description:** OK**Content:**

application/yang-data+json:

**Schema:****Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr'

**'204':****Description:** No Content**Content:** {}**'400':****Description:** Bad Request**Content:** {}**'401':**

```

    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_head

  Parameters:
  - Name: pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: ipv4-addr-start-addr
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: content
    In: query
    Description: controlling descendant nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: config
      enum:
      - config
      - nonconfig
      - all
  - Name: depth

```

**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**  
  '200':  
    **Description:** OK  
    **Content:** {}

**security:**  
- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-start-addr}/start-addr

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_start\_addr\_get

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_start-addr'

'204':  
**Description:** No Content  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':

```

    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_start_addr_head

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false

```

```

Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/pool**

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_pool\_get

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true



```

Schema:
  Type: string
  Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_pool'

  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':

```

```

    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

  Tags:
  - data
  - head
  Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_pool_head

  Parameters:
  - Name: pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: ipv4-addr-start-addr
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: content
    In: query
    Description: controlling descendant nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: config
      enum:
      - config
      - nonconfig
      - all
  - Name: depth
    In: query
    Description: limit the depth of nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: integer
      Format: uint16
  - Name: fields

```

```

In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
In: query
Description: xpath expression to filter data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/index

**get:**

```

Tags:
- data
- get

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_index_get
```

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_index'

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
head:

```

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_index\_head

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**

```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/end-addr

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_end_addr_get

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false

```

```

Schema:
  Type: string
  Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string

```



- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

'200':  
  **Description:** OK  
  **Content:**  
    **application/yang-data+json:**  
      **Schema:**  
      **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_end-addr'

'204':  
  **Description:** No Content  
  **Content:** {}  
'400':  
  **Description:** Bad Request  
  **Content:** {}  
'401':  
  **Description:** Unauthorized  
  **Content:** {}  
'404':  
  **Description:** Not Found  
  **Content:** {}  
'405':  
  **Description:** Method Not Allowed  
  **Content:** {}  
'409':  
  **Description:** Conflict  
  **Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_end\_addr\_head

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false

```

Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/alloc-id

**get:**

```

Tags:
  - data
  - get
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_alloc_id_get

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true

```

**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_alloc-id'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**  
**Description:** Bad Request  
**Content:** {}  
**'401':**  
**Description:** Unauthorized  
**Content:** {}  
**'404':**  
**Description:** Not Found  
**Content:** {}  
**'405':**  
**Description:** Method Not Allowed  
**Content:** {}  
**'409':**  
**Description:** Conflict  
**Content:** {}

**security:**  
 - **basicAuth:** []

**head:****Tags:**

- data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_alloc\_id\_head

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

- Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults

**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
   - report-all  
   - trim  
   - explicit  
   - report-all-tagged

**Responses:**  
   '200':  
     **Description:** OK  
     **Content:** {}  
   **security:**  
   - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-start-addr}/route

**get:**

**Tags:**  
 - data  
 - get

**Operation ID:**  
 data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_route\_get

**Parameters:**  
 - **Name:** pool-pool-name  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string  
 - **Name:** ipv4-addr-start-addr  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string  
 - **Name:** content

**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all



- trim
- explicit
- report-all-tagged

**Responses:****'200':****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_route'

**'204':****Description:** No Content**Content:** {}**'400':****Description:** Bad Request**Content:** {}**'401':****Description:** Unauthorized**Content:** {}**'404':****Description:** Not Found**Content:** {}**'405':****Description:** Method Not Allowed**Content:** {}**'409':****Description:** Conflict**Content:** {}**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_route\_head

**Parameters:**

- **Name:** pool-pool-name

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** ipv4-addr-start-addr

**In:** path**Required/Optional:** true**Style:** simple

**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**  
 '200':  
   **Description:** OK  
   **Content:** {}  
**security:**  
 - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/static

**get:**

**Tags:**  
 - data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_static\_get

**Parameters:**

- **Name:** pool-pool-name  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** ipv4-addr-start-addr  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** content  
   **In:** query  
   **Description:** controlling descendant nodes in response  
   **Required/Optional:** false  
   **Style:** form  
   **Explode:** true  
   **Schema:**

```

    Type: string
    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK

```

```

Content:
  application/yang-data+json:
    Schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_static'

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_static_head

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query

```

**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**  
 - config  
 - nonconfig  
 - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** integer  
**Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit

- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/offline

**get:**

**Tags:**

- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_offline\_get

**Parameters:**

- **Name:** pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

- config  
- nonconfig  
- all

- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:**

application/yang-data+json:

**Schema:****Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_offline'

'204':



```

    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_offline_head

```

**Parameters:**

```

- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string

```

```

    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content: {}

```

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/native-inst-id

get:

**Tags:**

```
- data
- get
```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_native\_inst\_id\_get

**Parameters:**

```
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
```

```

Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_native-inst-id'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}

```

```

    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
  - data
  - head

  Operation ID:
  data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_native_inst_id_head

```

**Parameters:**

```

- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig

```

- all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

- '200':
  - Description:** OK
  - Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/peer-inst-id

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_peer\_inst\_id\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer

```

    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```
'#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_peer-inst-id'
```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}

```



```

    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_peer_inst_id_head

```

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query

**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all  
    - trim  
    - explicit  
    - report-all-tagged

**Responses:**

'200':  
    **Description:** OK  
    **Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/flag

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_flag\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_flag'

'204':  
**Description:** No Content  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':

```

    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

  Tags:
  - data
  - head
  Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_flag_head

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false

```

```

Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-add r-start-addr}/native-peer-id

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_native\_peer\_id\_get

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form

```

Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
In: query
Description: xpath expression to filter data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
      Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_native-peer-id'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}

```



```

    '409':
      Description: Conflict
      Content: {}
    security:
      - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_native_peer_id_head

```

**Parameters:**

```

- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer

```

```

    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-start-addr}/addr-alloc-thrs

get:

```

Tags:
- data
- get
Operation ID:

```

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_addr\_alloc\_thrs\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** filter

**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: enumeration  
 Default: report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_addr-alloc-thrs'

'204':  
**Description:** No Content  
**Content:** {}

'400':  
**Description:** Bad Request  
**Content:** {}

'401':  
**Description:** Unauthorized  
**Content:** {}

'404':  
**Description:** Not Found  
**Content:** {}

'405':  
**Description:** Method Not Allowed  
**Content:** {}

'409':  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_addr\_alloc\_thrs\_head

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false

```

Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-start-addr}/alloc-addr-list

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_alloc\_addrs\_list\_get

**Parameters:**

- **Name:** pool-pool-name

```
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
```

```

    Explode: true
    Schema:
      Type: string
      Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_alloc-addrs-list'

  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

  Tags:
  - data

```



- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_alloc\_addrs\_list\_head

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string

```

    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr

**get:**

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_get

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content

```

**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all

- trim
- explicit
- report-all-tagged

**Responses:****'200':****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr'

**'204':****Description:** No Content**Content:** {}**'400':****Description:** Bad Request**Content:** {}**'401':****Description:** Unauthorized**Content:** {}**'404':****Description:** Not Found**Content:** {}**'405':****Description:** Method Not Allowed**Content:** {}**'409':****Description:** Conflict**Content:** {}**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_head**Parameters:**

- **Name:** pool-pool-name

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** content

**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form

**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

```
/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr r-start-addr}
```

```
'200':
  Description: OK
  Content: {}
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr r-start-addr}

get:

Tags:

- data
- get

Operation ID:

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_get

Parameters:

- Name: pool-pool-name
  - In: path
  - Required/Optional: true
  - Style: simple
  - Explode: false
  - Schema:
    - Type: string
    - Format: string
- Name: ipv6-addr-start-addr
  - In: path
  - Required/Optional: true
  - Style: simple
  - Explode: false
  - Schema:
    - Type: string
    - Format: string
- Name: content
  - In: query
  - Description: controlling descendant nodes in response
  - Required/Optional: false
  - Style: form
  - Explode: true
  - Schema:
    - Type: string
    - Format: enumeration
    - Default: config
    - enum:
      - config
      - nonconfig
      - all
- Name: depth
  - In: query
  - Description: limit the depth of nodes in response

**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** integer  
   **Format:** uint16  
**- Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
   **application/yang-data+json:**  
     **Schema:**  
       **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**

```

    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_head

  Parameters:
  - Name: pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: ipv6-addr-start-addr
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: content
    In: query
    Description: controlling descendant nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: config
      enum:
      - config

```



```

    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr-start-addr}/start-addr

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_start\_addr\_get

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_start-addr'

'204':  
**Description:** No Content  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':

```

    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_start_addr_head

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false

```

```

Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr r-start-addr}/pool**

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_pool\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

```

Schema:
  Type: string
  Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr_ipv6-addr-start-addr_pool'

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':

```

```

    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_pool_head

  Parameters:
  - Name: pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: ipv6-addr-start-addr
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: content
    In: query
    Description: controlling descendant nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: config
      enum:
      - config
      - nonconfig
      - all
  - Name: depth
    In: query
    Description: limit the depth of nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: integer
      Format: uint16
  - Name: fields

```



```

In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
In: query
Description: xpath expression to filter data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr-start-addr}/index

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_index\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr_ipv6-addr-start-addr_index'

  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
  - basicAuth: []
head:

```

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_index\_head

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr r-start-addr}/end-addr

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_end_addr_get

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false

```

```

Schema:
  Type: string
  Format: string
- Name: ipv6-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string

```

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

'200':  
  **Description:** OK  
  **Content:**  
    **application/yang-data+json:**  
      **Schema:**  
      **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_end-addr'

'204':  
  **Description:** No Content  
  **Content:** {}  
'400':  
  **Description:** Bad Request  
  **Content:** {}  
'401':  
  **Description:** Unauthorized  
  **Content:** {}  
'404':  
  **Description:** Not Found  
  **Content:** {}  
'405':  
  **Description:** Method Not Allowed  
  **Content:** {}  
'409':  
  **Description:** Conflict  
  **Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_end\_addr\_head

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false



```

Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr r-start-addr}/alloc-id

get:

```

Tags:
  - data
  - get
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_alloc_id_get

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-start-addr
  In: path
  Required/Optional: true

```

```
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
```

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_alloc-id'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**  
**Description:** Bad Request  
**Content:** {}  
**'401':**  
**Description:** Unauthorized  
**Content:** {}  
**'404':**  
**Description:** Not Found  
**Content:** {}  
**'405':**  
**Description:** Method Not Allowed  
**Content:** {}  
**'409':**  
**Description:** Conflict  
**Content:** {}

**security:**  
 - **basicAuth:** []

**head:****Tags:**

- data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_alloc\_id\_head

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

- Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults

**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
   - report-all  
   - trim  
   - explicit  
   - report-all-tagged

**Responses:**  
   '200':  
     **Description:** OK  
     **Content:** {}  
   **security:**  
   - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr-start-addr}/route

**get:**

**Tags:**  
 - data  
 - get

**Operation ID:**  
 data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_route\_get

**Parameters:**  
 - **Name:** pool-pool-name  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string  
 - **Name:** ipv6-addr-start-addr  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string  
 - **Name:** content

**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all

- trim
- explicit
- report-all-tagged

**Responses:****'200':****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_route'

**'204':****Description:** No Content**Content:** {}**'400':****Description:** Bad Request**Content:** {}**'401':****Description:** Unauthorized**Content:** {}**'404':****Description:** Not Found**Content:** {}**'405':****Description:** Method Not Allowed**Content:** {}**'409':****Description:** Conflict**Content:** {}**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_route\_head

**Parameters:**

- **Name:** pool-pool-name

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** ipv6-addr-start-addr

**In:** path**Required/Optional:** true**Style:** simple

**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**



**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**  
 '200':  
   **Description:** OK  
   **Content:** {}  
**security:**  
 - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr-start-addr}/static

**get:**

**Tags:**  
 - data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_static\_get

**Parameters:**

- **Name:** pool-pool-name  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** ipv6-addr-start-addr  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** content  
   **In:** query  
   **Description:** controlling descendant nodes in response  
   **Required/Optional:** false  
   **Style:** form  
   **Explode:** true  
   **Schema:**

```

    Type: string
    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK

```

```

    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr_ipv6-addr-start-addr_static'

    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_static_head

  Parameters:
  - Name: pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: ipv6-addr-start-addr
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: content
    In: query

```

**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all  
    - trim  
    - explicit

- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr r-start-addr}/offline

**get:**

**Tags:**

- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_offline\_get

**Parameters:**

- **Name:** pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

- config  
- nonconfig  
- all

- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:**

application/yang-data+json:

**Schema:****Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_offline'

'204':

```

    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head

Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_offline_head

```

**Parameters:**

```

- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string

```

**Format:** enumeration  
**Default:** config  
**enum:**  
- config  
- nonconfig  
- all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:** {}



```

security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr r-start-addr}/native-inst-id

get:

**Tags:**

```

- data
- get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_native\_inst\_id\_get

**Parameters:**

```

- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form

```

```

Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr_ipv6-addr-start-addr_native-inst-id'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}

```

```

    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_native_inst_id_head

```

**Parameters:**

```

- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig

```

- all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

- '200':
  - Description:** OK
  - Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr r-start-addr}/peer-inst-id

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_peer\_inst\_id\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer

```

    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr_ipv6-addr-start-addr_peer-inst-id'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}

```

```

    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_peer_inst_id_head

```

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query

**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16  
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

'200':  
    **Description:** OK  
    **Content:** {}

**security:**

- **basicAuth:** []



## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr-start-addr}/flag

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_flag\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_flag'

'204':  
**Description:** No Content  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':

```

    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

  Tags:
  - data
  - head
  Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_flag_head

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false

```

```

Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content: {}

```

**security:**

```

- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr-start-addr}/native-peer-id

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_native\_peer\_id\_get

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form

```

Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
In: query
Description: xpath expression to filter data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
      Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr_ipv6-addr-start-addr_native-peer-id'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}

```

```

    '409':
      Description: Conflict
      Content: {}
    security:
      - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_native_peer_id_head

```

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer

```

    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr-start-addr}/addr-alloc-thrs

get:

```

Tags:
- data
- get
Operation ID:

```



data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_addr\_alloc\_thrs\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** filter

**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
   **application/yang-data+json:**  
     **Schema:**  
       **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_addr-alloc-thrs'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**  
**Description:** Bad Request  
**Content:** {}  
**'401':**  
**Description:** Unauthorized  
**Content:** {}  
**'404':**  
**Description:** Not Found  
**Content:** {}  
**'405':**  
**Description:** Method Not Allowed  
**Content:** {}  
**'409':**  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_addr\_alloc\_thrs\_head

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false

```

Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr-start-addr}/alloc-addr-list

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_alloc\_addrs\_list\_get

**Parameters:**

- **Name:** pool-pool-name

```
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
```

```

    Explode: true
    Schema:
      Type: string
      Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr_ipv6-addr-start-addr_alloc-addr-list'

  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
  - data

```

- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_alloc\_addrs\_list\_head

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string

```

    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_get

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content

```



**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all

- trim
- explicit
- report-all-tagged

**Responses:****'200':****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix'

**'204':****Description:** No Content**Content:** {}**'400':****Description:** Bad Request**Content:** {}**'401':****Description:** Unauthorized**Content:** {}**'404':****Description:** Not Found**Content:** {}**'405':****Description:** Method Not Allowed**Content:** {}**'409':****Description:** Conflict**Content:** {}**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_head**Parameters:**

- **Name:** pool-pool-name

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** content

**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form

**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
    - report-all  
    - trim  
    - explicit  
    - report-all-tagged

**Responses:**

```

'200':
  Description: OK
  Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-pref-start-addr}

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_get

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response

```

**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** integer  
   **Format:** uint16  
**- Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
   **application/yang-data+json:**  
     **Schema:**  
       **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**

```

    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_head

  Parameters:
  - Name: pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: ipv6-prefix-start-addr
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: content
    In: query
    Description: controlling descendant nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: config
      enum:
      - config

```

```
- nonconfig
- all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-pref-start-addr}/start-addr

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_start\_addr\_get

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer



```

    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```
'#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_start-addr'
```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}

```

```

    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_start_addr_head

```

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query

**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all  
    - trim  
    - explicit  
    - report-all-tagged

**Responses:**  
    '200':  
        **Description:** OK  
        **Content:** {}

**security:**  
- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-pref-start-addr}/pool

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_pool\_get

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_pool'

'204':  
**Description:** No Content  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':

```

    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_pool_head

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false

```

```

Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/index

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_index\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true



```

Schema:
  Type: string
  Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_index'

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':

```

```

    Description: Conflict
    Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
  - data
  - head

  Operation ID:
  data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_index_head

  Parameters:
  - Name: pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: ipv6-prefix-start-addr
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: content
    In: query
    Description: controlling descendant nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: config
      enum:
      - config
      - nonconfig
      - all
  - Name: depth
    In: query
    Description: limit the depth of nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: integer
      Format: uint16
  - Name: fields

```

```

In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-pref-refix-start-addr}/end-addr

**get:**

```

Tags:
- data
- get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_end\_addr\_get

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query

```

Description: xpath expression to filter data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_end-addr'

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
head:

```

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_end\_addr\_head

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form

```

Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-prefix-start-addr}/alloc-id

**get:**

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_alloc_id_get

Parameters:
- Name: pool-pool-name
  In: path

```

**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true



```

Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_alloc-id'

  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
  - data
  - head

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_alloc\_id\_head

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** string

```

- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-pref-start-addr}/route

**get:**

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_route_get

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string

```

- Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_route'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix\_start-addr\_route\_head

**Parameters:**

- **Name:** pool-pool-name
- In:** path

```

Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true

```

```

Schema:
  Type: string
  Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/static

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_static_get

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false

```

```

Schema:
  Type: string
  Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string

```



**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_static'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**  
**Description:** Bad Request  
**Content:** {}  
**'401':**  
**Description:** Unauthorized  
**Content:** {}  
**'404':**  
**Description:** Not Found  
**Content:** {}  
**'405':**  
**Description:** Method Not Allowed  
**Content:** {}  
**'409':**  
**Description:** Conflict  
**Content:** {}

**security:**  
 - **basicAuth:** []

**head:**

**Tags:**  
 - data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_static\_head

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- basicAuth: []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-prefix-start-addr}/offline

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_offline\_get

**Parameters:**

- **Name:** pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
    - report-all  
    - trim  
    - explicit  
    - report-all-tagged

**Responses:****'200':****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_offline'

**'204':****Description:** No Content**Content:** {}**'400':****Description:** Bad Request**Content:** {}**'401':****Description:** Unauthorized**Content:** {}**'404':****Description:** Not Found**Content:** {}**'405':****Description:** Method Not Allowed**Content:** {}**'409':****Description:** Conflict**Content:** {}**security:****- basicAuth:** []**head:****Tags:**- data  
- head**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_offline\_head

**Parameters:****- Name:** pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** ipv6-prefix-start-addr**In:** path**Required/Optional:** true**Style:** simple**Explode:** false

```

Schema:
  Type: string
  Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string

```

**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**  
 '200':  
**Description:** OK  
**Content:** {}  
**security:**  
 - basicAuth: []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-pref refix-start-addr}/native-inst-id

**get:**

**Tags:**  
 - data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_native\_inst\_id\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

```

    Type: string
    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK

```



```

    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_native-inst-id'

    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
    - data
    - head
  Operation ID:
    data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_native_inst_id_head

  Parameters:
    - Name: pool-pool-name
      In: path
      Required/Optional: true
      Style: simple
      Explode: false
      Schema:
        Type: string
        Format: string
    - Name: ipv6-prefix-start-addr
      In: path
      Required/Optional: true
      Style: simple
      Explode: false
      Schema:
        Type: string
        Format: string
    - Name: content

```

```

In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all

```

- trim
- explicit
- report-all-tagged

**Responses:**

'200':

Description: OK

Content: {}

**security:**

- basicAuth: []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/peer-inst-id

**get:****Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_peer\_inst\_id\_get

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**

- config
- nonconfig
- all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:**

application/yang-data+json:

**Schema:****Reference:**

```
'#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_peer-inst-id'
```

```

  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  head:

```

**Tags:**

```
- data
- head
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_peer_inst_id_head
```

**Parameters:**

```

- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form

```

```

Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
  - config
  - nonconfig
  - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/flag

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_flag_get

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response

```

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_flag'

```

```

'204':
  Description: No Content
  Content: {}
'400':

```



```

    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_flag_head

Parameters:
- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
    - config

```

- nonconfig
- all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

- '200':
  - Description:** OK
  - Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/native-peer-id

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_native\_peer\_id\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer

```

    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_native-peer-id'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}

```

```

'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_native_peer_id_head

```

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all
- **Name:** depth  
**In:** query

**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16  
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

'200':  
    **Description:** OK  
    **Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-prefix-start-addr}/addr-alloc-thrs

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_addr\_alloc\_thrs\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer

```

    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_addr-alloc-thrs'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}

```



```

    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_addr_alloc_thrs_head

```

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** config  
   **enum:**  
     - config  
     - nonconfig  
     - all
- **Name:** depth  
**In:** query

**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16  
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

'200':  
    **Description:** OK  
    **Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-prefix-start-addr}/alloc-addr-list

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_alloc\_addr\_list\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer

```

    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_alloc-attrs-list'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}

```

```

    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_alloc_addrs_list_head

```

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query

**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** integer  
   **Format:** uint16

- **Name:** fields
 

**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string
- **Name:** filter
 

**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string
- **Name:** with-defaults
 

**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**  
   '200':  
     **Description:** OK  
     **Content:** {}  
**security:**  
   - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp

get:

**Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_get

**Parameters:**

- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form

**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

'200':  
  **Description:** OK  
  **Content:**  
    **application/yang-data+json:**  
      **Schema:**  
        **Reference:** '#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp'

'204':  
  **Description:** No Content  
  **Content:** {}

'400':  
  **Description:** Bad Request  
  **Content:** {}

'401':  
  **Description:** Unauthorized  
  **Content:** {}

'404':  
  **Description:** Not Found  
  **Content:** {}

'405':  
  **Description:** Method Not Allowed  
  **Content:** {}

'409':  
  **Description:** Conflict  
  **Content:** {}

**security:**  
- **basicAuth:** []

**head:****Tags:**

- data  
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_head

**Parameters:**

- **Name:** content  
  **In:** query  
  **Description:** controlling descendant nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**



```

    Type: string
    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

Responses:
  '200':
    Description: OK
```

```

    Content: {}
  security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}

**get:**

**Tags:**

```

- data
- get

```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_get

**Parameters:**

```

- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true

```

```
Schema:
  Type: string
  Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
```

```

    Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_head

Parameters:
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query

```

**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**  
   '200':  
     **Description:** OK  
     **Content:** {}  
**security:**  
   - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/dp-name

get:

**Tags:**  
   - data  
   - get  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_dp\_name\_get

**Parameters:**  
   - **Name:** dp-dp-name  
     **In:** path  
     **Required/Optional:** true  
     **Style:** simple  
     **Explode:** false  
     **Schema:**  
       **Type:** string  
       **Format:** string  
   - **Name:** content  
     **In:** query  
     **Description:** controlling descendant nodes in response  
     **Required/Optional:** false

```

Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

'200':

**Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_dp-name'

'204':

**Description:** No Content**Content:** {}

'400':

**Description:** Bad Request**Content:** {}

'401':

**Description:** Unauthorized**Content:** {}

'404':

**Description:** Not Found**Content:** {}

'405':

**Description:** Method Not Allowed**Content:** {}

'409':

**Description:** Conflict**Content:** {}**security:**- **basicAuth:** []**head:****Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_dp\_name\_head**Parameters:**- **Name:** dp-dp-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string- **Name:** content**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string

```

    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content: {}

```



```

security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/gr-inst-id

get:

**Tags:**

```

- data
- get

```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_gr\_inst\_id\_get

**Parameters:**

```

- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:

```

```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_gr-inst-id'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

```
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_gr_inst_id_head

Parameters:
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
```

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-total

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_total_get

Parameters:
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form

```

**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

```

    '200':
      Description: OK
      Content:
        application/yang-data+json:
          Schema:
            Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-total'
    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_total_head

Parameters:
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration

```

```
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

Responses:
'200':
  Description: OK
  Content: {}
```

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-used

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_used\_get

**Parameters:**

```
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
```



```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-used'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

```
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_used_head

Parameters:
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
```

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-threshold

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_threshold_get

Parameters:
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form

```

**Explode:** true

**Schema:**

- Type:** string
- Format:** enumeration
- Default:** config
- enum:**
  - config
  - nonconfig
  - all

- **Name:** depth

**In:** query

**Description:** limit the depth of nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

- Type:** integer
- Format:** uint16

- **Name:** fields

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

- Type:** string
- Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

- Type:** string
- Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

- Type:** string
- Format:** enumeration
- Default:** report-all
- enum:**
  - report-all
  - trim
  - explicit
  - report-all-tagged

**Responses:**

```

    '200':
      Description: OK
      Content:
        application/yang-data+json:
          Schema:
            Reference:
              '#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-threshold'
    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
    - data
    - head
  Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_threshold_head

  Parameters:
    - Name: dp-dp-name
      In: path
      Required/Optional: true
      Style: simple
      Explode: false
      Schema:
        Type: string
        Format: string
    - Name: content
      In: query
      Description: controlling descendant nodes in response
      Required/Optional: false
      Style: form
      Explode: true
      Schema:
        Type: string
        Format: enumeration

```

```

    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content: {}

```

```
security:  
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr-total

get:

**Tags:**

```
- data  
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_total\_get

**Parameters:**

```
- Name: dp-dp-name  
  In: path  
  Required/Optional: true  
  Style: simple  
  Explode: false  
  Schema:  
    Type: string  
    Format: string  
- Name: content  
  In: query  
  Description: controlling descendant nodes in response  
  Required/Optional: false  
  Style: form  
  Explode: true  
  Schema:  
    Type: string  
    Format: enumeration  
    Default: config  
    enum:  
    - config  
    - nonconfig  
    - all  
- Name: depth  
  In: query  
  Description: limit the depth of nodes in response  
  Required/Optional: false  
  Style: form  
  Explode: true  
  Schema:  
    Type: integer  
    Format: uint16  
- Name: fields  
  In: query  
  Description: optionally identify specific data nodes in response  
  Required/Optional: false  
  Style: form  
  Explode: true  
  Schema:
```

```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr-total'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```



```
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_addr_total_head

Parameters:
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
```

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr-used

**get:**

```

Tags:
  - data
  - get
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_addr_used_get

Parameters:
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form

```

**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

```

    '200':
      Description: OK
      Content:
        application/yang-data+json:
          Schema:
            Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr-used'
    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_addr_used_head

Parameters:
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration

```

**Default:** config  
**enum:**  
- config  
- nonconfig  
- all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** integer  
**Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
- report-all  
- trim  
- explicit  
- report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:** {}

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr-threshold

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_threshold\_get

**Parameters:**

```
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
```

```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr-threshold'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_threshold\_head

**Parameters:**

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response



```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-pfx-total

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_pfx_total_get

Parameters:
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form

```

**Explode:** true

**Schema:**

- Type:** string
- Format:** enumeration
- Default:** config
- enum:**
  - config
  - nonconfig
  - all

- **Name:** depth

**In:** query

**Description:** limit the depth of nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

- Type:** integer
- Format:** uint16

- **Name:** fields

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

- Type:** string
- Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

- Type:** string
- Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

- Type:** string
- Format:** enumeration
- Default:** report-all
- enum:**
  - report-all
  - trim
  - explicit
  - report-all-tagged

**Responses:**

```

    '200':
      Description: OK
      Content:
        application/yang-data+json:
          Schema:
            Reference:
              '#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-pfx-total'
    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
    - data
    - head
  Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_pfx_total_head

  Parameters:
    - Name: dp-dp-name
      In: path
      Required/Optional: true
      Style: simple
      Explode: false
      Schema:
        Type: string
        Format: string
    - Name: content
      In: query
      Description: controlling descendant nodes in response
      Required/Optional: false
      Style: form
      Explode: true
      Schema:
        Type: string
        Format: enumeration

```

**Default:** config  
**enum:**  
- config  
- nonconfig  
- all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

'200':  
  **Description:** OK  
  **Content:** {}

```

security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-pfx-used

get:

**Tags:**

```

- data
- get

```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_pfx\_used\_get

**Parameters:**

```

- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:

```

```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-pfx-used'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

```
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_pfx_used_head

Parameters:
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
```

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-pfx-threshold

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_pfx_threshold_get

Parameters:
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form

```



**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

```

    '200':
      Description: OK
      Content:
        application/yang-data+json:
          Schema:
            Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-pfx-threshold'
    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_pfx_threshold_head

Parameters:
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration

```

```
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged
```

**Responses:**

```
'200':
  Description: OK
  Content: {}
```

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-rsvd-addr

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_rsvd\_addr\_get

**Parameters:**

```
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
```

```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-rsvd-addr'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_rsvd\_addr\_head

**Parameters:**

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response

**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**  
   '200':  
     **Description:** OK  
     **Content:** {}  
**security:**  
   - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/app-name-bng

get:

**Tags:**  
   - data  
   - get  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_app\_name\_bng\_get

**Parameters:**  
   - **Name:** dp-dp-name  
     **In:** path  
     **Required/Optional:** true  
     **Style:** simple  
     **Explode:** false  
     **Schema:**  
       **Type:** string  
       **Format:** string  
   - **Name:** content  
     **In:** query  
     **Description:** controlling descendant nodes in response  
     **Required/Optional:** false  
     **Style:** form

```

Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**



```

    '200':
      Description: OK
      Content:
        application/yang-data+json:
          Schema:
            Reference:
              '#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_app-name-bng'
    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
    - data
    - head
  Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_app_name_bng_head

  Parameters:
    - Name: dp-dp-name
      In: path
      Required/Optional: true
      Style: simple
      Explode: false
      Schema:
        Type: string
        Format: string
    - Name: content
      In: query
      Description: controlling descendant nodes in response
      Required/Optional: false
      Style: form
      Explode: true
      Schema:
        Type: string
        Format: enumeration

```

**Default:** config  
**enum:**  
- config  
- nonconfig  
- all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

'200':  
  **Description:** OK  
  **Content:** {}

```

security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/static

get:

**Tags:**

```

- data
- get

```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_static\_get

**Parameters:**

```

- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:

```

```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_static'

'204':
  Description: No Content
  Content: {}

'400':
  Description: Bad Request
  Content: {}

'401':
  Description: Unauthorized
  Content: {}

'404':
  Description: Not Found
  Content: {}

'405':
  Description: Method Not Allowed
  Content: {}

'409':
  Description: Conflict
  Content: {}

```

```
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_static_head

Parameters:
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
```

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/offline

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_offline_get

Parameters:
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form

```

**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

```

    '200':
      Description: OK
      Content:
        application/yang-data+json:
          Schema:
            Reference:
              '#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_offline'
    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
    - data
    - head
  Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_offline_head

  Parameters:
    - Name: dp-dp-name
      In: path
      Required/Optional: true
      Style: simple
      Explode: false
      Schema:
        Type: string
        Format: string
    - Name: content
      In: query
      Description: controlling descendant nodes in response
      Required/Optional: false
      Style: form
      Explode: true
      Schema:
        Type: string
        Format: enumeration

```



**Default:** config  
**enum:**  
- config  
- nonconfig  
- all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

'200':  
  **Description:** OK  
  **Content:** {}

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_addr\_get

**Parameters:**

```
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
```

```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-addr'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

```
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_addr_head

Parameters:
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
```

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}

**get:**

```

Tags:
  - data
  - get
Operation ID:
data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_get

```

```

Parameters:
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-start-addr

```

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-pool
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-index
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true

```

**Schema:**  
**Type:** string  
**Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
- report-all  
- trim  
- explicit  
- report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index'

'204':  
**Description:** No Content  
**Content:** {}

'400':  
**Description:** Bad Request  
**Content:** {}

'401':  
**Description:** Unauthorized  
**Content:** {}

'404':  
**Description:** Not Found  
**Content:** {}

'405':  
**Description:** Method Not Allowed  
**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data

- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_head

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-pool

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-index

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** integer

**Format:** uint32

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**



```

    Type: string
    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

Responses:
  '200':
    Description: OK

```

```

    Content: {}
  security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/start-addr

get:

Tags:

```

- data
- get

```

Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_start\_addr\_get

Parameters:

```

- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content

```

```

In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
  - config
  - nonconfig
  - all
- Name: depth
In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
In: query
Description: xpath expression to filter data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all

```

- trim
- explicit
- report-all-tagged

**Responses:****'200':****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```
'#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_start-addr'
```

**'204':****Description:** No Content**Content:** {}**'400':****Description:** Bad Request**Content:** {}**'401':****Description:** Unauthorized**Content:** {}**'404':****Description:** Not Found**Content:** {}**'405':****Description:** Method Not Allowed**Content:** {}**'409':****Description:** Conflict**Content:** {}**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_dp-dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_start-addr_head
```

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true

```

Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string

```

```

    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content: {}

```

**security:**

```

- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/pool

**get:****Tags:**

```

- data
- get

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_dp_dp_name_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_pool_get

```

**Parameters:**

```

- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false

```

```

Schema:
  Type: string
  Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query

```

**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: enumeration  
 Default: report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_pool'

'204':  
**Description:** No Content  
**Content:** {}

'400':  
**Description:** Bad Request  
**Content:** {}

'401':  
**Description:** Unauthorized  
**Content:** {}

'404':  
**Description:** Not Found  
**Content:** {}



```

    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_pool_head

```

**Parameters:**

```

- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response

```

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

'200':

Description: OK

Content: {}

**security:**

- basicAuth: []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/index

**get:****Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_index\_get

**Parameters:**

- **Name:** dp-dp-name

In: path

**Required/Optional:** true**Style:** simple**Explode:** false**Schema:**

Type: string

Format: string

- **Name:** ipv4-addr-start-addr

In: path

**Required/Optional:** true**Style:** simple**Explode:** false**Schema:**

Type: string

Format: string

- **Name:** ipv4-addr-pool

In: path

**Required/Optional:** true**Style:** simple**Explode:** false**Schema:**

Type: string

Format: string

- **Name:** ipv4-addr-index

In: path

**Required/Optional:** true**Style:** simple**Explode:** false**Schema:**

- Type:** integer
  - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration

**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_index'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**  
**Description:** Bad Request  
**Content:** {}  
**'401':**  
**Description:** Unauthorized  
**Content:** {}  
**'404':**  
**Description:** Not Found  
**Content:** {}  
**'405':**  
**Description:** Method Not Allowed  
**Content:** {}  
**'409':**  
**Description:** Conflict  
**Content:** {}

**security:**  
 - **basicAuth:** []

**head:**

**Tags:**  
 - data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index-index-head

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form

```

Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/end-addr

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_end\_addr\_get

**Parameters:**

- **Name:** dp-dp-name
- In:** path

```

Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer

```



```

    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_dp-dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_end-addr'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}

```

```

    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
    - data
    - head
  Operation ID:
  data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_end_addr_head

```

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** integer  
   **Format:** uint32

- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/alloc-id

**get:****Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_alloc\_id\_get

**Parameters:**

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-index
  - In:** path

```
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
```

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_alloc-id'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_alloc-id-head

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

```

Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields

```

**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: enumeration  
 Default: report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**  
 '200':  
 Description: OK  
 Content: {}  
**security:**  
 - basicAuth: []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/route

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_route\_get



**Parameters:**

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false

```

Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_route'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request

```

```

    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_route\_head

**Parameters:**

```

- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple

```

```

Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
In: query
Description: xpath expression to filter data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:

```

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**  
 '200':  
**Description:** OK  
**Content:** {}  
**security:**  
 - basicAuth: []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/static

**get:**

**Tags:**  
 - data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_static\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
 - **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
 - **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

- Type: string
  - Format: string
- Name: ipv4-addr-index
  - In: path
  - Required/Optional: true
  - Style: simple
  - Explode: false
  - Schema:
    - Type: integer
    - Format: uint32
- Name: content
  - In: query
  - Description: controlling descendant nodes in response
  - Required/Optional: false
  - Style: form
  - Explode: true
  - Schema:
    - Type: string
    - Format: enumeration
    - Default: config
    - enum:
      - config
      - nonconfig
      - all
- Name: depth
  - In: query
  - Description: limit the depth of nodes in response
  - Required/Optional: false
  - Style: form
  - Explode: true
  - Schema:
    - Type: integer
    - Format: uint16
- Name: fields
  - In: query
  - Description: optionally identify specific data nodes in response
  - Required/Optional: false
  - Style: form
  - Explode: true
  - Schema:
    - Type: string
    - Format: string
- Name: filter
  - In: query
  - Description: xpath expression to filter data nodes in response
  - Required/Optional: false
  - Style: form
  - Explode: true
  - Schema:
    - Type: string
    - Format: string
- Name: with-defaults

**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_static'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**  
**Description:** Bad Request  
**Content:** {}  
**'401':**  
**Description:** Unauthorized  
**Content:** {}  
**'404':**  
**Description:** Not Found  
**Content:** {}  
**'405':**  
**Description:** Method Not Allowed  
**Content:** {}  
**'409':**  
**Description:** Conflict  
**Content:** {}

**security:**  
 - **basicAuth:** []

**head:**

**Tags:**  
 - data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index-static-head

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true



```

Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/offline**

get:

```

Tags:
- data

```

- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_offline\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth

**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** integer  
**Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_offline'

'204':  
**Description:** No Content

```

    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_offline_head

```

**Parameters:**

```

- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index

```

```
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
```

**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

'200':  
   **Description:** OK  
   **Content:** {}

**security:**  
 - **basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/native-inst-id**  
**: get:**

**Tags:**

- data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_native\_inst\_id\_get

**Parameters:**

- **Name:** dp-dp-name  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** ipv4-addr-start-addr  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** ipv4-addr-pool  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_native\_inst\_id'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_native\_inst\_id\_head

**Parameters:**

- **Name:** dp-dp-name
- In:** path



```

Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-start-addr
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-pool
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-index
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
  In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
  - config
  - nonconfig
  - all
- Name: depth
  In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer

```

```

    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/peer-inst-id

get:

```

Tags:
- data
- get
Operation ID:

```

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_peer\_inst\_id\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_peer-inst-id'

```

```

'204':
  Description: No Content
  Content: {}
'400':

```

```

    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_dp_name_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_peer_inst_id_head
```

**Parameters:**

```

- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true

```

```

Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true

```

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:** {}  
**security:**  
 - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/flag

**get:****Tags:**

- data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_flag\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
 - **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
 - **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false

```

Schema:
  Type: string
  Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string

```



```

- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```
'#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_flag'
```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

**security:**

```
- basicAuth: []
```

**head:****Tags:**

```
- data
- head
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_dp-dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_flag_head
```

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** integer  
    **Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form

```

Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

```

Responses:
  '200':
    Description: OK
    Content: {}

```

```

security:
- basicAuth: []

```

?

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/native-peer-id
: get:

```

```

Tags:
- data
- get

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_dp_dp_name_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_native_peer_id_get

```

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
      Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_native-peer-id'

```

```

'204':
  Description: No Content
  Content: {}
'400':

```

```

    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_dp_dp_name_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_native_peer_id_head

```

**Parameters:**

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-index
  - In:** path
  - Required/Optional:** true

```
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
```

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/addr-alloc-thrs**  
**: get:**

**Tags:**

- data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_addr\_alloc\_thrs\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** ipv4-addr-index  
**In:** path



```
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
```

**Explode:** true

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_addr\_alloc\_thrs'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_addr\_alloc\_thrs\_head

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

```

Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields

```

**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

**Type:** string  
**Format:** string

- **Name:** filter

**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

**Type:** string  
**Format:** string

- **Name:** with-defaults

**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/alloc-addr-list**  
**: get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_alloc\_addrs\_list\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true

```

Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16

```

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_alloc-addrs-list'

'204':  
**Description:** No Content  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':

```

    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_alloc\_addrs\_list\_head

**Parameters:**

```

- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content

```

- In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**  
 - config  
 - nonconfig  
 - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** integer  
**Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all



- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:** {}**security:**

- basicAuth: []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr

**get:****Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_get**Parameters:**

- **Name:** dp-dp-name

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** content

**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** config**enum:**

- config
- nonconfig
- all

- **Name:** depth

**In:** query**Description:** limit the depth of nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** integer**Format:** uint16

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr'

'204':  
**Description:** No Content  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':  
**Description:** Not Found

```
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_addr_head

Parameters:
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}

```

Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_get

**Parameters:**

- **Name:** dp-dp-name
- In:** path

```

Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-addr-start-addr
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-addr-pool
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-addr-index
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
  In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
  - config
  - nonconfig
  - all
- Name: depth
  In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer

```

```

    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}

```

```

    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_head

```

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** integer  
   **Format:** uint32

- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**



- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

Description: OK

Content: {}

**security:**

- basicAuth: []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/start-addr

**get:****Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_start\_addr\_get

**Parameters:**

- **Name:** dp-dp-name  
In: path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** ipv6-addr-start-addr  
In: path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** ipv6-addr-pool  
In: path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** ipv6-addr-index  
In: path

```

Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form

```

```

Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
      Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_start-addr'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

```

security:
- basicAuth: []

```

**head:**

```

Tags:
- data
- head

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_dp_dp-dp-name_ipv6-addr_ipv6-addr_start-addr_ipv6-addr-pool_ipv6-addr-index_start-addr_head

```

**Parameters:**

```

- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple

```

```

Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-addr-start-addr
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-addr-pool
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-addr-index
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
  In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
  - config
  - nonconfig
  - all
- Name: depth
  In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields

```

**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**  
 '200':  
**Description:** OK  
**Content:** {}  
**security:**  
 - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/pool

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_pool\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false

```

Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_pool'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request

```

```

    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_pool_head

```

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple



```
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
```

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/index

**get:****Tags:**

- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_index\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

- Type:** string
  - Format:** string
- **Name:** ipv6-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_index'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index-index-head

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

```
/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/end-addr
```

```

Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

```

Responses:
  '200':
    Description: OK
    Content: {}
security:
- basicAuth: []

```

```
/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/end-addr
```

```
get:
```

```

Tags:
- data

```

- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_end\_addr\_get

**Parameters:**

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth

**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: integer  
 Format: uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: enumeration  
 Default: report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_end-addr'

'204':  
**Description:** No Content



```

    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_end_addr_head
```

**Parameters:**

```

- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-index

```

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
In: query
Description: xpath expression to filter data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false

```

```

Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

```

```

Responses:
  '200':
    Description: OK
    Content: {}
  security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/alloc-id

**get:**

```

Tags:
- data
- get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_alloc\_id\_get

**Parameters:**

```

- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-pool
  In: path
  Required/Optional: true

```

```

Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:

```

```

    Type: string
    Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
        - report-all
        - trim
        - explicit
        - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_alloc-id'

  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
    - basicAuth: []
head:

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_dp_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_alloc-id_head

```

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response

```
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/route

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_route\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true



**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**  
 - config  
 - nonconfig  
 - all

**- Name:** depth**In:** query**Description:** limit the depth of nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** integer  
**Format:** uint16

**- Name:** fields**In:** query**Description:** optionally identify specific data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** string  
**Format:** string

**- Name:** filter**In:** query**Description:** xpath expression to filter data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** string  
**Format:** string

**- Name:** with-defaults**In:** query**Description:** controlling default values in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:****'200':**

```

    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_route'

    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
    - data
    - head
  Operation ID:
    data_cisco_cn_ipam_ipam_dp_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_route_head

  Parameters:
    - Name: dp-dp-name
      In: path
      Required/Optional: true
      Style: simple
      Explode: false
      Schema:
        Type: string
        Format: string
    - Name: ipv6-addr-start-addr
      In: path
      Required/Optional: true
      Style: simple
      Explode: false
      Schema:
        Type: string
        Format: string

```

- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false

```

Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/static

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_static\_get

**Parameters:**

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path

```

Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-addr-pool
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-addr-index
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
  In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
  - config
  - nonconfig
  - all
- Name: depth
  In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:

```

```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_static'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict

```

```

    Content: {}
  security:
    - basicAuth: []
  head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_static_head
```

**Parameters:**

```

- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string

```

**Format:** enumeration  
**Default:** config  
**enum:**  
- config  
- nonconfig  
- all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:** {}



```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/offline

get:

**Tags:**

```
- data
- get
```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_offline\_get

**Parameters:**

```
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
```

**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: enumeration  
 Default: config  
 enum:  
 - config  
 - nonconfig  
 - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: integer  
 Format: uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: enumeration  
 Default: report-all  
 enum:  
 - report-all  
 - trim  
 - explicit

- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_offline'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

**head:**

**Tags:**

- data

- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_offline\_head

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

```

Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-addr-pool
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-addr-index
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string

```

- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/native-inst-id

: **get:**

**Tags:**

- data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_native\_inst\_id\_get

**Parameters:**

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true

```

Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string

```

```

    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_native-inst-id'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_native\_inst\_id\_head

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration



**Default:** config  
**enum:**  
- config  
- nonconfig  
- all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:** {}

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/peer-inst-id

get:

Tags:

```
- data
- get
```

Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_peer\_inst\_id\_get

Parameters:

```
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
```

**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit

- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_peer-inst-id'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

**head:**

**Tags:**

- data

- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_peer-inst-id-head

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

```

Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string

```

- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:** {}**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/flag

**get:****Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_flag\_get

**Parameters:**

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**

```

    Type: string
    Format: string
- Name: ipv6-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response

```

**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
   **application/yang-data+json:**  
     **Schema:**  
       **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_flag'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**  
**Description:** Bad Request  
**Content:** {}  
**'401':**  
**Description:** Unauthorized  
**Content:** {}  
**'404':**  
**Description:** Not Found  
**Content:** {}  
**'405':**



```

    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head

Operation ID:
data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_flag_head

```

**Parameters:**

```

- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false

```

```

Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

'200':

Description: OK

Content: {}

**security:**

- basicAuth: []

?

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/native-peer-id  
: get:

**Tags:**

- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_native\_peer\_id\_get

**Parameters:**

- Name: dp-dp-name

In: path

Required/Optional: true

Style: simple

Explode: false

**Schema:**

Type: string

Format: string

- Name: ipv6-addr-start-addr

In: path

Required/Optional: true

Style: simple

Explode: false

**Schema:**

Type: string

Format: string

- Name: ipv6-addr-pool

In: path

Required/Optional: true

Style: simple

Explode: false

**Schema:**

Type: string

Format: string

- Name: ipv6-addr-index

In: path

Required/Optional: true

Style: simple

Explode: false

**Schema:**

Type: integer

Format: uint32

- Name: content

In: query

Description: controlling descendant nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:****'200':****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_native-peer-id'

**'204':****Description:** No Content**Content:** {}**'400':****Description:** Bad Request**Content:** {}**'401':****Description:** Unauthorized**Content:** {}**'404':****Description:** Not Found**Content:** {}**'405':****Description:** Method Not Allowed**Content:** {}**'409':****Description:** Conflict**Content:** {}**security:****- basicAuth:** []**head:****Tags:**- data  
- head**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_native-peer-id\_head

**Parameters:****- Name:** dp-dp-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** ipv6-addr-start-addr**In:** path**Required/Optional:** true**Style:** simple**Explode:** false

```

Schema:
  Type: string
  Format: string
- Name: ipv6-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter

```

**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

**Type:** string  
**Format:** string

- **Name:** with-defaults

**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all

**enum:**  
- report-all  
- trim  
- explicit  
- report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/addr-alloc-thrs

: **get:**

**Tags:**

- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_addr\_alloc\_thrs\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple

```

Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-addr-pool
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-addr-index
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string

```



- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

- '200':
  - Description:** OK
  - Content:**
    - application/yang-data+json:
    - Schema:**
    - Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_addr-alloc-this'

- '204':
  - Description:** No Content
  - Content:** {}
- '400':
  - Description:** Bad Request
  - Content:** {}
- '401':
  - Description:** Unauthorized
  - Content:** {}
- '404':
  - Description:** Not Found
  - Content:** {}
- '405':
  - Description:** Method Not Allowed
  - Content:** {}
- '409':
  - Description:** Conflict
  - Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_addr\_alloc\_thrs\_head

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config

```
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
- basicAuth: []
```

?

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/alloc-addr-list**  
: get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_alloc\_addrs\_list\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration

```

    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

```

**Responses:**

'200':

**Description:** OK**Content:**

application/yang-data+json:

**Schema:****Reference:**

```
'#/components/schemas/data_cisco_cn_ipam_ipam_dp_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_alloc-addrs-list'
```

```
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
```

**security:**

```
- basicAuth: []
```

**head:****Tags:**

```
- data
- head
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_alloc-addrs-list_head
```

**Parameters:**

```
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-pool
  In: path
  Required/Optional: true
```

```
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
```

```

    Type: string
    Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
        - report-all
        - trim
        - explicit
        - report-all-tagged

  Responses:
    '200':
      Description: OK
      Content: {}
  security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix

get:

```

  Tags:
  - data
  - get
  Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_prefix_get

  Parameters:
  - Name: dp-dp-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: content
    In: query
    Description: controlling descendant nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration

```



```
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
```

```

    Schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-prefix'
        '204':
          Description: No Content
          Content: {}
        '400':
          Description: Bad Request
          Content: {}
        '401':
          Description: Unauthorized
          Content: {}
        '404':
          Description: Not Found
          Content: {}
        '405':
          Description: Method Not Allowed
          Content: {}
        '409':
          Description: Conflict
          Content: {}
      security:
        - basicAuth: []
      head:

    Tags:
      - data
      - head
    Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_prefix_head

    Parameters:
      - Name: dp-dp-name
        In: path
        Required/Optional: true
        Style: simple
        Explode: false
        Schema:
          Type: string
          Format: string
      - Name: content
        In: query
        Description: controlling descendant nodes in response
        Required/Optional: false
        Style: form
        Explode: true
        Schema:
          Type: string
          Format: enumeration
          Default: config
          enum:
            - config
            - nonconfig
            - all

```

- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

- '200':
  - Description:** OK
  - Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**  
- config  
- nonconfig  
- all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** integer  
**Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
- report-all  
- trim  
- explicit  
- report-all-tagged

**Responses:**  
'200':

```

    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index'

    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
    - data
    - head
  Operation ID:
    data_cisco_cn_ipam_ipam_dp_dp-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_head

  Parameters:
    - Name: dp-dp-name
      In: path
      Required/Optional: true
      Style: simple
      Explode: false
      Schema:
        Type: string
        Format: string
    - Name: ipv6-prefix-start-addr
      In: path
      Required/Optional: true
      Style: simple
      Explode: false
      Schema:
        Type: string
        Format: string

```

- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}

**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string  
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
- report-all  
- trim  
- explicit  
- report-all-tagged

**Responses:**  
'200':  
**Description:** OK  
**Content:** {}  
**security:**  
- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/start-addr  
: get:

**Tags:**  
- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_start\_addr\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string



```
    Format: string
- Name: ipv6-prefix-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
```

**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
   **application/yang-data+json:**  
     **Schema:**  
       **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_start-addr'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**  
**Description:** Bad Request  
**Content:** {}  
**'401':**  
**Description:** Unauthorized  
**Content:** {}  
**'404':**  
**Description:** Not Found  
**Content:** {}  
**'405':**  
**Description:** Method Not Allowed  
**Content:** {}  
**'409':**  
**Description:** Conflict  
**Content:** {}

**security:**  
 - **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_start\_addr\_head

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig

- all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

- '200':
  - Description:** OK
  - Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/pool

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_pool\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**  
 - config  
 - nonconfig  
 - all

**- Name:** depth**In:** query**Description:** limit the depth of nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** integer  
**Format:** uint16

**- Name:** fields**In:** query**Description:** optionally identify specific data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** string  
**Format:** string

**- Name:** filter**In:** query**Description:** xpath expression to filter data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** string  
**Format:** string

**- Name:** with-defaults**In:** query**Description:** controlling default values in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:****'200':**

```

    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_pool'

    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
    data_cisco_cn_ipam_ipam_dp_dp-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_pool_head

  Parameters:
  - Name: dp-dp-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: ipv6-prefix-start-addr
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string

```

- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false



```

Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/index

get:

```

Tags:
  - data
  - get
Operation ID:
data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_index_get

```

```

Parameters:
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-start-addr
  In: path

```

```

Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-prefix-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:

```

```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_index'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict

```

```

    Content: {}
  security:
  - basicAuth: []
  head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_dp_name_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_index_head
```

**Parameters:**

```

- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string

```

```

    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
```

```

    security:
      - basicAuth: []
?
/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/end-addr
: get:

Tags:
- data
- get

Operation ID:
data_cisco_cn_ipam_ipam_dp_dp_name_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_end_addr_get

```

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** integer  
    **Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

```

    Type: string
    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

Responses:
  '200':
    Description: OK

```

```

    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco_cn_ipam_ipam_dp_dp-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_end-addr'

    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
    - data
    - head
  Operation ID:
    data_cisco_cn_ipam_ipam_dp_dp-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_end-addr_head

Parameters:
- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-pool

```



```
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
```

**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string  
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**  
  '200':  
    **Description:** OK  
    **Content:** {}  
  **security:**  
  - **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/alloc-id  
: get:

**Tags:**  
- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_alloc\_id\_get

**Parameters:**  
- **Name:** dp-dp-name  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** string  
- **Name:** ipv6-prefix-start-addr  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false

```

Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_alloc-id'

  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

Tags:

```

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_alloc\_id\_head

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all

- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:****'200':****Description:** OK**Content:** {}**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/route

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_route\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**  
 - config  
 - nonconfig  
 - all

**- Name:** depth**In:** query**Description:** limit the depth of nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** integer  
**Format:** uint16

**- Name:** fields**In:** query**Description:** optionally identify specific data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** string  
**Format:** string

**- Name:** filter**In:** query**Description:** xpath expression to filter data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** string  
**Format:** string

**- Name:** with-defaults**In:** query**Description:** controlling default values in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:****'200':**



```

    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_route'

    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
    data_cisco_cn_ipam_ipam_dp_dp-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_route_head

  Parameters:
  - Name: dp-dp-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: ipv6-prefix-start-addr
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string

```

- **Name:** ipv6-prefix-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false

```

Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

```

```

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

?

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/static
: get:

```

```

Tags:
- data
- get

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_dp_dp_name_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_static_get

```

**Parameters:**

```

- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string

```

- Format:** string
- **Name:** ipv6-prefix-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_dp-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_static'

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
head:

```

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_static\_head

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig

- all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/offline  
**: get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_offline\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config



```

    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```
'#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_offline'
```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

```

security:
- basicAuth: []

```

head:

Tags:

```

- data
- head

```

Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_offline\_head

Parameters:

```

- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:

```

```
    Type: string
    Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
```

**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

'200':  
  **Description:** OK  
  **Content:** {}

**security:**  
  - **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/native-inst-id  
**: get:**

**Tags:**

- data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_native\_inst\_id\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false

```
Schema:
  Type: string
  Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
```

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

'200':  
  **Description:** OK  
  **Content:**  
    **application/yang-data+json:**  
      **Schema:**  
      **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_native-inst-id'

'204':  
  **Description:** No Content  
  **Content:** {}  
'400':  
  **Description:** Bad Request  
  **Content:** {}  
'401':  
  **Description:** Unauthorized  
  **Content:** {}  
'404':  
  **Description:** Not Found  
  **Content:** {}  
'405':  
  **Description:** Method Not Allowed  
  **Content:** {}  
'409':  
  **Description:** Conflict  
  **Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_native-inst-id-head

**Parameters:**

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form

**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**
  - report-all
  - trim
  - explicit
  - report-all-tagged

**Responses:**

**'200':**  
  **Description:** OK  
  **Content:** {}

**security:**

- **basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/peer-inst-id**  
**: get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_peer\_inst\_id\_get



**Parameters:**

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response

**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** integer  
   **Format:** uint16  
**- Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
   **application/yang-data+json:**  
     **Schema:**  
       **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_peer-inst-id'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**

```

    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
  - basicAuth: []
head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_peer\_inst\_id\_head

**Parameters:**

```

- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true

```

**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** integer  
  **Format:** uint32

- **Name:** content  
  **In:** query  
  **Description:** controlling descendant nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
      - config  
      - nonconfig  
      - all
- **Name:** depth  
  **In:** query  
  **Description:** limit the depth of nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** integer  
    **Format:** uint16
- **Name:** fields  
  **In:** query  
  **Description:** optionally identify specific data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** filter  
  **In:** query  
  **Description:** xpath expression to filter data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** with-defaults  
  **In:** query  
  **Description:** controlling default values in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:** {}  
**security:**  
 - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/flag

**get:****Tags:**

- data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_flag\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false

```

Schema:
  Type: string
  Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string

```

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

'200':  
  **Description:** OK  
  **Content:**  
    **application/yang-data+json:**  
      **Schema:**  
      **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_flag'

'204':  
  **Description:** No Content  
  **Content:** {}  
'400':  
  **Description:** Bad Request  
  **Content:** {}  
'401':  
  **Description:** Unauthorized  
  **Content:** {}  
'404':  
  **Description:** Not Found  
  **Content:** {}  
'405':  
  **Description:** Method Not Allowed  
  **Content:** {}  
'409':  
  **Description:** Conflict  
  **Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_flag\_head

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form



```

Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

```

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

?

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/native-peer-id
: get:

```

```

Tags:
- data
- get

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_dp_name_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_native_peer_id_get
```

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
      Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_native-peer-id'

```

```

'204':
  Description: No Content
  Content: {}
'400':

```

```

    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_native_peer_id_head
```

**Parameters:**

```

- Name: dp-dp-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true

```

```
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/flag

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/addr-alloc-thrs  
 : get:

**Tags:**

- data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_addr\_alloc\_thrs\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** ipv6-prefix-index  
**In:** path

**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** integer  
  **Format:** uint32

- **Name:** content  
  **In:** query  
  **Description:** controlling descendant nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
      - config  
      - nonconfig  
      - all
- **Name:** depth  
  **In:** query  
  **Description:** limit the depth of nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** integer  
    **Format:** uint16
- **Name:** fields  
  **In:** query  
  **Description:** optionally identify specific data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** filter  
  **In:** query  
  **Description:** xpath expression to filter data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** with-defaults  
  **In:** query  
  **Description:** controlling default values in response  
  **Required/Optional:** false  
  **Style:** form

**Explode:** true

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_addr\_alloc\_thrs'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_addr\_alloc\_thrs\_head

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple



```

Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/flag

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/alloc-addr-list  
: get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_alloc\_addr\_list\_get

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

```
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
```

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_alloc-addrs-list'

'204':  
**Description:** No Content  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':

```

    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

  Tags:
  - data
  - head
  Operation ID:
data_cisco_cn_ipam_ipam_dp_dp_name_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_alloc_adbrs_list_head

```

**Parameters:**

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content

```

In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all

```

- trim
- explicit
- report-all-tagged

**Responses:****'200':****Description:** OK**Content:** {}**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp-tag

**get:****Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_get**Parameters:**

- **Name:** content

**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** config**enum:**

- config
- nonconfig
- all

- **Name:** depth

**In:** query**Description:** limit the depth of nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** integer**Format:** uint16

- **Name:** fields

**In:** query**Description:** optionally identify specific data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string

```

    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag'
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:

```



```
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_head

Parameters:
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
```

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- basicAuth: []

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}

**get:**

**Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_get

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

- config
- nonconfig
- all

```
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag'

'204':
  Description: No Content
```

```

    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_head

Parameters:
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form

```

```

Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

```

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/dp-tag

get:

```

Tags:
  - data
  - get

```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_dp\_tag\_get

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

'200':  
  **Description:** OK  
  **Content:**  
    **application/yang-data+json:**  
      **Schema:**  
      **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_dp-tag'

'204':  
  **Description:** No Content  
  **Content:** {}  
'400':  
  **Description:** Bad Request  
  **Content:** {}  
'401':  
  **Description:** Unauthorized  
  **Content:** {}  
'404':  
  **Description:** Not Found  
  **Content:** {}  
'405':  
  **Description:** Method Not Allowed  
  **Content:** {}  
'409':  
  **Description:** Conflict  
  **Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_dp\_tag\_head

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false



**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**  
   '200':  
     **Description:** OK  
     **Content:** {}  
**security:**  
   - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/gr-inst-id

**get:**

**Tags:**  
   - data  
   - get  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_gr\_inst\_id\_get

**Parameters:**  
   - **Name:** dp-tag-dp-tag  
     **In:** path  
     **Required/Optional:** true  
     **Style:** simple  
     **Explode:** false  
     **Schema:**  
       **Type:** string  
       **Format:** string  
   - **Name:** content  
     **In:** query  
     **Description:** controlling descendant nodes in response  
     **Required/Optional:** false  
     **Style:** form  
     **Explode:** true  
     **Schema:**  
       **Type:** string  
       **Format:** enumeration  
       **Default:** config  
       **enum:**  
         - config  
         - nonconfig  
         - all  
   - **Name:** depth

**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: integer  
 Format: uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: enumeration  
 Default: report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag-gr-inst-id'

'204':  
**Description:** No Content  
**Content:** {}

```
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_gr_inst_id_head

Parameters:
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
```

```

Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

```

Responses:
  '200':
    Description: OK
    Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-total

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_total_get

```

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults

**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

**'200':**  
  **Description:** OK  
  **Content:**  
    **application/yang-data+json:**  
      **Schema:**  
      **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv4-total'

**'204':**  
  **Description:** No Content  
  **Content:** {}  
**'400':**  
  **Description:** Bad Request  
  **Content:** {}  
**'401':**  
  **Description:** Unauthorized  
  **Content:** {}  
**'404':**  
  **Description:** Not Found  
  **Content:** {}  
**'405':**  
  **Description:** Method Not Allowed  
  **Content:** {}  
**'409':**  
  **Description:** Conflict  
  **Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_total\_head

**Parameters:**

- **Name:** dp-tag-dp-tag  
  **In:** path

```
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
```

**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**  
  '200':  
    **Description:** OK  
    **Content:** {}  
**security:**  
  - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-used

**get:**

**Tags:**  
  - data  
  - get  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_used\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
    **In:** path  
    **Required/Optional:** true  
    **Style:** simple  
    **Explode:** false  
    **Schema:**  
      **Type:** string  
      **Format:** string
- **Name:** content  
    **In:** query  
    **Description:** controlling descendant nodes in response  
    **Required/Optional:** false  
    **Style:** form  
    **Explode:** true  
    **Schema:**  
      **Type:** string  
      **Format:** enumeration  
      **Default:** config  
      **enum:**  
      - config  
      - nonconfig  
      - all
- **Name:** depth  
    **In:** query



**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
     application/yang-data+json:  
     **Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv4-used'

'204':  
**Description:** No Content  
**Content:** {}  
'400':

```

    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_used_head

Parameters:
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:

```

```

    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-threshold

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_threshold_get

```

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv4-threshold'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_threshold\_head

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**  
 '200':  
**Description:** OK  
**Content:** {}  
**security:**  
 - basicAuth: []

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr-total

**get:**

**Tags:**  
 - data  
 - get  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_total\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**  
 - config  
 - nonconfig  
 - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response

**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16  
**- Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
     **application/yang-data+json:**  
         **Schema:**  
             **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv6-addr-total'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**  
**Description:** Bad Request



```

    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_addr_total_head

Parameters:
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer

```

```

    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr-used

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_addr_used_get

Parameters:

```

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv6-addr-used'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_used\_head

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

```
    Explode: false
    Schema:
      Type: string
      Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
```

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr-threshold

**get:****Tags:**

- data  
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_threshold\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**  
 - config  
 - nonconfig  
 - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false

```

Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-addr-threshold'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}

```

```

    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_addr_threshold_head

Parameters:
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16

```



```

- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-pfx-total

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_pfx_total_get

Parameters:
- Name: dp-tag-dp-tag

```

**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false

**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**'200':**  
   **Description:** OK  
   **Content:**  
     **application/yang-data+json:**  
       **Schema:**  
       **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv6-pfx-total'

**'204':**  
   **Description:** No Content  
   **Content:** {}  
**'400':**  
   **Description:** Bad Request  
   **Content:** {}  
**'401':**  
   **Description:** Unauthorized  
   **Content:** {}  
**'404':**  
   **Description:** Not Found  
   **Content:** {}  
**'405':**  
   **Description:** Method Not Allowed  
   **Content:** {}  
**'409':**  
   **Description:** Conflict  
   **Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data  
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_pfx\_total\_head

**Parameters:**

- **Name:** dp-tag-dp-tag  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false

**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string

**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**  
 '200':  
**Description:** OK  
**Content:** {}  
**security:**  
 - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-pfx-used

**get:**

**Tags:**  
 - data  
 - get  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_pfx\_used\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**  
 - config  
 - nonconfig  
 - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form

```

Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-pfx-used'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':

```

```

    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_pfx_used_head

Parameters:
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields

```

**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
 Type: string  
 Format: enumeration  
 Default: report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**  
 '200':  
 Description: OK  
 Content: {}  
**security:**  
 - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-pfx-threshold

**get:**

**Tags:**  
 - data  
 - get  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_pfx\_threshold\_get

**Parameters:**  
 - **Name:** dp-tag-dp-tag  
**In:** path



**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** content  
  **In:** query  
  **Description:** controlling descendant nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
      - config  
      - nonconfig  
      - all
- **Name:** depth  
  **In:** query  
  **Description:** limit the depth of nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** integer  
    **Format:** uint16
- **Name:** fields  
  **In:** query  
  **Description:** optionally identify specific data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** filter  
  **In:** query  
  **Description:** xpath expression to filter data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** with-defaults  
  **In:** query  
  **Description:** controlling default values in response  
  **Required/Optional:** false  
  **Style:** form

**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv6-pfx-threshold'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**  
**Description:** Bad Request  
**Content:** {}  
**'401':**  
**Description:** Unauthorized  
**Content:** {}  
**'404':**  
**Description:** Not Found  
**Content:** {}  
**'405':**  
**Description:** Method Not Allowed  
**Content:** {}  
**'409':**  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
 - head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_pfx\_threshold\_head

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

```
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
```

**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-rsvd-addr

**get:****Tags:**

- data  
 - get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_rsvd\_addr\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

```

Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv4-rsvd-addr'
  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized

```

```

    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_rsvd_addr_head

Parameters:
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query

```

**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**  
 '200':  
**Description:** OK  
**Content:** {}  
**security:**  
 - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/app-name-bng

get:

**Tags:**  
 - data  
 - get  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_app\_name\_bng\_get

**Parameters:**  
 - **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true

**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** content  
    **In:** query  
    **Description:** controlling descendant nodes in response  
    **Required/Optional:** false  
    **Style:** form  
    **Explode:** true  
    **Schema:**  
        **Type:** string  
        **Format:** enumeration  
        **Default:** config  
        **enum:**  
            - config  
            - nonconfig  
            - all
- **Name:** depth  
    **In:** query  
    **Description:** limit the depth of nodes in response  
    **Required/Optional:** false  
    **Style:** form  
    **Explode:** true  
    **Schema:**  
        **Type:** integer  
        **Format:** uint16
- **Name:** fields  
    **In:** query  
    **Description:** optionally identify specific data nodes in response  
    **Required/Optional:** false  
    **Style:** form  
    **Explode:** true  
    **Schema:**  
        **Type:** string  
        **Format:** string
- **Name:** filter  
    **In:** query  
    **Description:** xpath expression to filter data nodes in response  
    **Required/Optional:** false  
    **Style:** form  
    **Explode:** true  
    **Schema:**  
        **Type:** string  
        **Format:** string
- **Name:** with-defaults  
    **In:** query  
    **Description:** controlling default values in response  
    **Required/Optional:** false  
    **Style:** form  
    **Explode:** true



**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_app-name-bng'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**  
**Description:** Bad Request  
**Content:** {}  
**'401':**  
**Description:** Unauthorized  
**Content:** {}  
**'404':**  
**Description:** Not Found  
**Content:** {}  
**'405':**  
**Description:** Method Not Allowed  
**Content:** {}  
**'409':**  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_app\_name\_bng\_head

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string

- Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all

```

enum:
- report-all
- trim
- explicit
- report-all-tagged

```

```

Responses:
'200':
  Description: OK
  Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/static

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_static_get

```

```

Parameters:
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:

```

```

    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_static'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}

```

```
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_static_head

Parameters:
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
```

**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**  
   '200':  
     **Description:** OK  
     **Content:** {}  
**security:**  
   - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/offline

**get:**

**Tags:**  
   - data  
   - get  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_offline\_get

**Parameters:**  
   - **Name:** dp-tag-dp-tag  
     **In:** path  
     **Required/Optional:** true  
     **Style:** simple

```
    Explode: false
    Schema:
      Type: string
      Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
```

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_offline'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**  
**Description:** Bad Request  
**Content:** {}  
**'401':**  
**Description:** Unauthorized  
**Content:** {}  
**'404':**  
**Description:** Not Found  
**Content:** {}  
**'405':**  
**Description:** Method Not Allowed  
**Content:** {}  
**'409':**  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data  
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_offline\_head

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string



- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr

**get:****Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_get

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer

```

    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv4-addr'
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':

```

```

    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_addr_head

Parameters:
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false

```

```

Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-ad dr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}

**get:**

```

Tags:
- data
- get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_get

**Parameters:**

```

- Name: dp-tag-dp-tag

```

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-start-addr
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-pool
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-index
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:

```

```

    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```
'#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index'
```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized

```

```

    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_head

```

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer



- Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}

```

enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content: {}

```

```

security:
  - basicAuth: []

```

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/start-addr  
: get:

**Tags:**

```

- data
- get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_start\_addr\_get

**Parameters:**

```

- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:

```

- Type:** integer
  - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}

**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_start\_addr'

'204':  
**Description:** No Content  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':  
**Description:** Not Found  
**Content:** {}  
 '405':  
**Description:** Method Not Allowed  
**Content:** {}  
 '409':  
**Description:** Conflict  
**Content:** {}

**security:**  
 - **basicAuth:** []

**head:**

**Tags:**  
 - data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_start\_addr\_head

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form

```

Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/pool

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_pool\_get

**Parameters:**

- **Name:** dp-tag-dp-tag
- In:** path

```

Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-start-addr
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-pool
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-index
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
  In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
  - config
  - nonconfig
  - all
- Name: depth
  In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer

```

```

    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_pool'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}

```



```

    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_pool_head

```

**Parameters:**

```

- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32

```

- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

Description: OK

Content: {}

**security:**

- basicAuth: []

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/index

**get:****Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_index\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-index  
**In:** path

**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** integer  
  **Format:** uint32

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form

**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_index'

'204':  
**Description:** No Content  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':  
**Description:** Not Found  
**Content:** {}  
 '405':  
**Description:** Method Not Allowed  
**Content:** {}  
 '409':  
**Description:** Conflict  
**Content:** {}

**security:**  
 - **basicAuth:** []

**head:**

**Tags:**  
 - data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag-dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_index\_head

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple

```

Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields

```

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/end-addr

: **get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_end\_addr\_get

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

```
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
```



- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag-dp-tag-dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_end-addr'

'204':  
**Description:** No Content  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':

```

    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_end_addr_head

```

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content

**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all

- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:** {}**security:**

- basicAuth: []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/alloc-id

: get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_alloc\_id\_get

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer

- Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all

```

enum:
- report-all
- trim
- explicit
- report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_alloc-id'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

```

security:
- basicAuth: []

```

**head:**

```

Tags:
- data
- head

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_alloc_id_head

```

**Parameters:**

```

- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-start-addr

```

```
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-ad dr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/route

**Schema:**  
**Type:** string  
**Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**
  - report-all
  - trim
  - explicit
  - report-all-tagged

**Responses:**  
**'200':**  
**Description:** OK  
**Content:** {}  
**security:**  
- **basicAuth:** []

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-ad dr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/route**

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_route\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true



```

    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16

```

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

- '200':
  - Description:** OK
  - Content:**
    - application/yang-data+json:**
      - Schema:**
      - Reference:**

```
'#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_route'
```

- '204':
  - Description:** No Content
  - Content:** {}
- '400':
  - Description:** Bad Request
  - Content:** {}
- '401':
  - Description:** Unauthorized
  - Content:** {}
- '404':

```

    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

  Tags:
  - data
  - head
  Operation ID:
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_route_head

```

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content

- In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all

- trim
- explicit
- report-all-tagged

**Responses:**

'200':

Description: OK

Content: {}

**security:**

- basicAuth: []

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/static

**get:****Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_static\_get

**Parameters:**

- **Name:** dp-tag-dp-tag

In: path

Required/Optional: true

Style: simple

Explode: false

**Schema:**

Type: string

Format: string

- **Name:** ipv4-addr-start-addr

In: path

Required/Optional: true

Style: simple

Explode: false

**Schema:**

Type: string

Format: string

- **Name:** ipv4-addr-pool

In: path

Required/Optional: true

Style: simple

Explode: false

**Schema:**

Type: string

Format: string

- **Name:** ipv4-addr-index

In: path

Required/Optional: true

```

Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true

```

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_static'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**  
**Description:** Bad Request  
**Content:** {}  
**'401':**  
**Description:** Unauthorized  
**Content:** {}  
**'404':**  
**Description:** Not Found  
**Content:** {}  
**'405':**  
**Description:** Method Not Allowed  
**Content:** {}  
**'409':**  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_static\_head

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false

```

Schema:
  Type: string
  Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query

```



**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all

- trim

- explicit

- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/offline

: **get:**

**Tags:**

- data

- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_offline\_get

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

```

Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields

```

**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_offline'

'204':  
**Description:** No Content  
**Content:** {}

'400':  
**Description:** Bad Request  
**Content:** {}

'401':  
**Description:** Unauthorized  
**Content:** {}

'404':  
**Description:** Not Found

```

    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

Tags:
- data
- head

Operation ID:
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_offline_head

```

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** integer  
    **Format:** uint32
- **Name:** content  
**In:** query

**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit

- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/native-inst-id**  
: **get:**

**Tags:**

- data

- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_native\_inst\_id\_get

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-pool

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-index

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** integer

**Format:** uint32

- **Name:** content

**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all

- trim
- explicit
- report-all-tagged

**Responses:****'200':****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```
'#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_native-inst-id'
```

**'204':****Description:** No Content**Content:** {}**'400':****Description:** Bad Request**Content:** {}**'401':****Description:** Unauthorized**Content:** {}**'404':****Description:** Not Found**Content:** {}**'405':****Description:** Method Not Allowed**Content:** {}**'409':****Description:** Conflict**Content:** {}**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_tag_dp_tag-dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_native-inst-id_head
```

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true



```
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
```

**Format:** string

- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/peer-inst-id**  
**: get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_peer\_inst\_id\_get

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path

```

Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-pool
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-index
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
  In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
  - config
  - nonconfig
  - all
- Name: depth
  In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:

```

```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag-dp-tag-dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_peer-inst-id'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict

```

```

    Content: {}
  security:
    - basicAuth: []
  head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_peer_inst_id_head
```

**Parameters:**

```

- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string

```

```

    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content: {}

```

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/flag

get:

**Tags:**

```
- data
- get
```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_flag\_get

**Parameters:**

```
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
```

**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all  
    - trim  
    - explicit



- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_flag'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

**head:**

**Tags:**

- data

- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_flag\_head

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

```

Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-pool
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-index
  In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
  In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string

```

- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:** {}**security:**

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/native-peer-id

**: get:****Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_native\_peer\_id\_get

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true

```
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
```

```

    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag-dp-tag-dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_native-peer-id'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_native\_peer\_id\_head

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration

```

    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:

```

```

- basicAuth: []
?
/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/addr-alloc-thrs
: get:

```

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_addr\_alloc\_thrs\_get

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string



```
    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
```

**application/yang-data+json:****Schema:****Reference:**

```
'#/components/schemas/data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_addr_alloc_thrs'
```

**'204':****Description:** No Content**Content:** {}**'400':****Description:** Bad Request**Content:** {}**'401':****Description:** Unauthorized**Content:** {}**'404':****Description:** Not Found**Content:** {}**'405':****Description:** Method Not Allowed**Content:** {}**'409':****Description:** Conflict**Content:** {}**security:**- **basicAuth:** []**head:****Tags:**

- data

- head

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_addr_alloc_thrs_head
```

**Parameters:**- **Name:** dp-tag-dp-tag**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string- **Name:** ipv4-addr-start-addr**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string- **Name:** ipv4-addr-pool**In:** path

```
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/flag

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/alloc-addrs-list  
: get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_alloc\_addrs\_list\_get

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-pool

```
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
```

```

Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
      Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag-dp-tag-dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_alloc-addr-list'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

```

security:
- basicAuth: []

```

```

head:

```

```

Tags:
- data

```

- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_alloc\_addrs\_list\_head

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth

**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

'200':  
  **Description:** OK  
  **Content:** {}

**security:**

- **basicAuth:** []



## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr

get:

**Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_get

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv6-addr'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_head

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}

```

    Type: string
    Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
        - report-all
        - trim
        - explicit
        - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_get

```

```

Parameters:
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false

```

```

Schema:
  Type: string
  Format: string
- Name: ipv6-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter

```

```
/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}
```

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_head

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** integer  
  **Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**

- config
- nonconfig
- all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:** {}**security:**

- **basicAuth:** []

?



**/data/cisco-cn-ipam:ipam/dp-tag=(dp-tag-dp-tag)/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/start-addr**  
**: get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_start\_addr\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config

- ```

    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

- ```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:

```

**Reference:**

```
'#/components/schemas/data_cisco_cn_ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_start-addr'
```

```
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
```

**security:**

```
- basicAuth: []
```

**head:****Tags:**

```
- data
- head
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_start_addr_head
```

**Parameters:**

```
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-pool
  In: path
  Required/Optional: true
  Style: simple
```

```

Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string

```

```

    Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
        - report-all
        - trim
        - explicit
        - report-all-tagged

  Responses:
    '200':
      Description: OK
      Content: {}
  security:
    - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/pool

get:

```

  Tags:
    - data
    - get
  Operation ID:
  data_cisco_cn_ipam_ipam_dp_tag_dp_tag_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_pool_get

  Parameters:
    - Name: dp-tag-dp-tag
      In: path
      Required/Optional: true
      Style: simple
      Explode: false
      Schema:
        Type: string
        Format: string
    - Name: ipv6-addr-start-addr
      In: path
      Required/Optional: true
      Style: simple
      Explode: false
      Schema:

```

```

    Type: string
    Format: string
- Name: ipv6-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query

```

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all

- trim

- explicit

- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag-dp-tag-dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_pool'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_pool\_head

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config



```

    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/index

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_index\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**  
- config  
- nonconfig  
- all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** integer  
**Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
- report-all  
- trim  
- explicit  
- report-all-tagged

**Responses:**  
'200':

```

    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_index'

    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
    - data
    - head
  Operation ID:
    data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_index_head

Parameters:
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false

**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
 - **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

'200':  
   **Description:** OK  
   **Content:** {}

**security:**

- **basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/end-addr**  
**: get:**

**Tags:**

- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_end\_addr\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string  
 - **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string

```
    Format: string
- Name: ipv6-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
```

```

    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_end-addr'

  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
    - basicAuth: []
  head:

```



**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_end\_addr\_head

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig

```

- all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []
?
/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/alloc-id
: get:

```

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_alloc\_id\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config

- nonconfig
- all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:**

application/yang-data+json:

**Schema:****Reference:**

```
'#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag-dp-tag-dp-tag_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_alloc-id'
```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_alloc_id_head

```

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

- Type:** string
  - Format:** string
- **Name:** ipv6-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults

**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**  
  '200':  
    **Description:** OK  
    **Content:** {}  
**security:**  
  - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/route

**get:**

**Tags:**  
  - data  
  - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_route\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** ipv6-addr-start-addr  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** ipv6-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false



```

Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_route'

  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
  - basicAuth: []
head:

Tags:

```

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_route\_head

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all

- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

- '200':
  - Description:** OK
  - Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/static

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_static\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**  
- config  
- nonconfig  
- all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** integer  
**Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
- report-all  
- trim  
- explicit  
- report-all-tagged

**Responses:**  
'200':

```

    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_static'

    '204':
      Description: No Content
      Content: {}
    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
    - data
    - head
  Operation ID:
    data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_static_head

Parameters:
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

- **Name:** ipv6-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false

**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**'200':**  
   **Description:** OK  
   **Content:** {}

**security:**

- **basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/offline**  
**: get:**

**Tags:**

- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_offline\_get

**Parameters:**

**- Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string



```
    Format: string
- Name: ipv6-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
```

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag-dp-tag-dp-tag_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_offline'

  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
security:
- basicAuth: []
head:

```

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_offline\_head

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig

```

    - all
  - Name: depth
    In: query
    Description: limit the depth of nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: integer
      Format: uint16
  - Name: fields
    In: query
    Description: optionally identify specific data nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: string
  - Name: filter
    In: query
    Description: xpath expression to filter data nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
        - report-all
        - trim
        - explicit
        - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []
?
/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/native-inst-id
: get:

```

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_native\_inst\_id\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config

- nonconfig
- all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:**

application/yang-data+json:

**Schema:****Reference:**

```
'#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_native-inst-id'
```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_native_inst_id_head

```

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

- Type:** string
  - Format:** string
- **Name:** ipv6-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults



**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**  
  '200':  
    **Description:** OK  
    **Content:** {}  
  **security:**  
  - **basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/peer-inst-id**  
**: get:**

**Tags:**  
  - data  
  - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_peer\_inst\_id\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
  **Type:** string  
  **Format:** string  
- **Name:** ipv6-addr-start-addr  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
  **Type:** string  
  **Format:** string  
- **Name:** ipv6-addr-pool  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false

```

Schema:
  Type: string
  Format: string
- Name: ipv6-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string

```

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

'200':  
  **Description:** OK  
  **Content:**  
    **application/yang-data+json:**  
      **Schema:**  
      **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_peer-inst-id'

'204':  
  **Description:** No Content  
  **Content:** {}  
'400':  
  **Description:** Bad Request  
  **Content:** {}  
'401':  
  **Description:** Unauthorized  
  **Content:** {}  
'404':  
  **Description:** Not Found  
  **Content:** {}  
'405':  
  **Description:** Method Not Allowed  
  **Content:** {}  
'409':  
  **Description:** Conflict  
  **Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6-addr\_ipv6-addr\_start\_addr\_ipv6-addr\_pool\_ipv6-addr\_index\_peer\_inst\_id\_head

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form

```

    Explode: true
    Schema:
      Type: integer
      Format: uint16
  - Name: fields
    In: query
    Description: optionally identify specific data nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: string
  - Name: filter
    In: query
    Description: xpath expression to filter data nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
        - report-all
        - trim
        - explicit
        - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad  
dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/flag**

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_flag\_get

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig

```

- all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:****'200':****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```
'#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_flag'
```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_flag_head
```

**Parameters:**

```

- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string

```



```

    Format: string
- Name: ipv6-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query

```

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- basicAuth: []

?

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/native-peer-id**  
: **get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_native\_peer\_id\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

```

    Type: string
    Format: string
- Name: ipv6-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults

```

**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

'200':  
  **Description:** OK  
  **Content:**  
  application/yang-data+json:  
  **Schema:**  
  **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_native-peer-id'

'204':  
  **Description:** No Content  
  **Content:** {}  
'400':  
  **Description:** Bad Request  
  **Content:** {}  
'401':  
  **Description:** Unauthorized  
  **Content:** {}  
'404':  
  **Description:** Not Found  
  **Content:** {}  
'405':  
  **Description:** Method Not Allowed  
  **Content:** {}  
'409':  
  **Description:** Conflict  
  **Content:** {}

**security:**  
- **basicAuth:** []

**head:**

**Tags:**  
- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag-dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_native-peer-id\_head

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

**Schema:****Type:** integer**Format:** uint16**- Name:** fields**In:** query**Description:** optionally identify specific data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** string**- Name:** filter**In:** query**Description:** xpath expression to filter data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** string**- Name:** with-defaults**In:** query**Description:** controlling default values in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** report-all**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:****'200':****Description:** OK**Content:** {}**security:****- basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/addr-alloc-thrs****: get:****Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_addr\_alloc\_thrs\_get

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form

**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**
  - report-all
  - trim
  - explicit
  - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
  **application/yang-data+json:**  
  **Schema:**  
  **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag-dp-tag-ipv6-addr-ipv6-addr-start-addr-ipv6-addr-pool-ipv6-addr-index-addr-alloc-thrs'

'204':  
**Description:** No Content  
**Content:** {}

'400':  
**Description:** Bad Request  
**Content:** {}



```

    '401':
      Description: Unauthorized
      Content: {}
    '404':
      Description: Not Found
      Content: {}
    '405':
      Description: Method Not Allowed
      Content: {}
    '409':
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  head:

  Tags:
  - data
  - head

  Operation ID:
  data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_addr_alloc_thrs_head

```

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false

```

Schema:
  Type: integer
  Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string

```

**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/alloc-addr-list**  
**: get:**

**Tags:**

- data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_alloc\_addr\_list\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple

**Explode:** false  
**Schema:**  
  **Type:** integer  
  **Format:** uint32

- **Name:** content  
  **In:** query  
  **Description:** controlling descendant nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
      - config  
      - nonconfig  
      - all
- **Name:** depth  
  **In:** query  
  **Description:** limit the depth of nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** integer  
    **Format:** uint16
- **Name:** fields  
  **In:** query  
  **Description:** optionally identify specific data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** filter  
  **In:** query  
  **Description:** xpath expression to filter data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** with-defaults  
  **In:** query  
  **Description:** controlling default values in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_alloc-addrs-list'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**  
**Description:** Bad Request  
**Content:** {}  
**'401':**  
**Description:** Unauthorized  
**Content:** {}  
**'404':**  
**Description:** Not Found  
**Content:** {}  
**'405':**  
**Description:** Method Not Allowed  
**Content:** {}  
**'409':**  
**Description:** Conflict  
**Content:** {}

**security:**  
 - **basicAuth:** []

**head:**

**Tags:**  
 - data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_alloc\_addrs\_list\_head

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

- Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_get

Parameters:
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple

```

**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**



**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv6-prefix'

**'204':**  
**Description:** No Content  
**Content:** {}  
**'400':**  
**Description:** Bad Request  
**Content:** {}  
**'401':**  
**Description:** Unauthorized  
**Content:** {}  
**'404':**  
**Description:** Not Found  
**Content:** {}  
**'405':**  
**Description:** Method Not Allowed  
**Content:** {}  
**'409':**  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data  
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_head

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:** {}**security:**

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}

: **get:****Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer

- Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all

```

enum:
- report-all
- trim
- explicit
- report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

```

security:
- basicAuth: []

```

**head:**

```

Tags:
- data
- head

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_head

```

**Parameters:**

```

- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-start-addr

```

**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** integer  
  **Format:** uint32

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

```

    Schema:
      Type: string
      Format: string
  - Name: filter
    In: query
    Description: xpath expression to filter data nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
        - report-all
        - trim
        - explicit
        - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []
?
/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/start-addr
: get:

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_start_addr_get

Parameters:
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form



```

Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
      Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag-dp-tag-dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_start-addr'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}

```

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data

- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_start\_addr\_head

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-pool

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-index

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** integer

**Format:** uint32

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
  **In:** query  
  **Description:** limit the depth of nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
  **In:** query  
  **Description:** optionally identify specific data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
  **In:** query  
  **Description:** xpath expression to filter data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
  **In:** query  
  **Description:** controlling default values in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
      - report-all  
      - trim  
      - explicit  
      - report-all-tagged

**Responses:**  
  '200':

```

    Description: OK
    Content: {}
  security:
  - basicAuth: []
?
/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/pool
: get:

```

**Tags:**

- data
- get

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_pool_get
```

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form

**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag-dp-tag-dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index-pool'

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_pool_head

Parameters:
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string

```

```
    Format: string
- Name: ipv6-prefix-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
```

**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**'200':**  
   **Description:** OK  
   **Content:** {}

**security:**

- **basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/index**  
**: get:**

**Tags:**

- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_index\_get

**Parameters:**

**- Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**



```
    Type: string
    Format: string
- Name: ipv6-prefix-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
```

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag-dp-tag-dp-tag\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_index'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_index\_head

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config

- nonconfig
- all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

- '200':
  - Description:** OK
  - Content:** {}

**security:**

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/end-addr

: get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_end\_addr\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**

- config
- nonconfig
- all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:**

application/yang-data+json:

**Schema:****Reference:**

```
'#/components/schemas/data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_end_addr'
```

```
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
```

```
security:
- basicAuth: []
```

```
head:
```

```
Tags:
```

```
- data
- head
```

```
Operation ID:
```

```
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_end_addr_head
```

```
Parameters:
```

```
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
```

```
Schema:
  Type: string
  Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
```



- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**  
  '200':  
    **Description:** OK  
    **Content:** {}  
  **security:**  
  - **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/alloc-id  
**: get:**

**Tags:**  
  - data  
  - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_alloc\_id\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string  
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string  
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple

```

Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string

```

```

    Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_alloc-id'

  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_alloc_id_head

```

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false

```

Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

```

Responses:
  '200':
    Description: OK
    Content: {}

```

```

security:
- basicAuth: []

```

?

```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/route
: get:

```

**Tags:**

```

- data
- get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_route\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
      Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag-dp-tag-dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_route'

```

```

'204':
  Description: No Content
  Content: {}
'400':

```

```

    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_route_head

```

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-index
  - In:** path
  - Required/Optional:** true



```
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
```

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**'200':**  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/static**  
**: get:**

**Tags:**

- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_static\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-index  
**In:** path

```
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: integer
  Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
```

**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

'200':  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

'#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_static'

'204':  
**Description:** No Content  
**Content:** {}  
 '400':  
**Description:** Bad Request  
**Content:** {}  
 '401':  
**Description:** Unauthorized  
**Content:** {}  
 '404':  
**Description:** Not Found  
**Content:** {}  
 '405':  
**Description:** Method Not Allowed  
**Content:** {}  
 '409':  
**Description:** Conflict  
**Content:** {}

**security:**  
 - **basicAuth:** []

**head:**

**Tags:**  
 - data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_static\_head

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple

```
    Explode: false
    Schema:
      Type: string
      Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
```

**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

**Type:** string  
**Format:** string

- **Name:** filter

**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

**Type:** string  
**Format:** string

- **Name:** with-defaults

**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all

**enum:**  
- report-all  
- trim  
- explicit  
- report-all-tagged

#### Responses:

**'200':**  
**Description:** OK  
**Content:** {}

#### security:

- **basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/offline**  
**: get:**

#### Tags:

- data  
- get

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_offline\_get

#### Parameters:

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true

```
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
```

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

- '200':
  - Description:** OK
  - Content:**
    - application/yang-data+json:**
      - Schema:**
      - Reference:**

```
'#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag-dp-tag-dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_offline'
```

- '204':
  - Description:** No Content
  - Content:** {}
- '400':
  - Description:** Bad Request
  - Content:** {}
- '401':
  - Description:** Unauthorized
  - Content:** {}
- '404':



```

    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

```

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_offline\_head

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content

- In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all

- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:** {}**security:**

- **basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/native-inst-id**

**: get:****Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_native\_inst\_id\_get

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer

- Format:** uint32
- **Name:** content
    - In:** query
    - Description:** controlling descendant nodes in response
    - Required/Optional:** false
    - Style:** form
    - Explode:** true
    - Schema:**
      - Type:** string
      - Format:** enumeration
      - Default:** config
      - enum:**
        - config
        - nonconfig
        - all
  - **Name:** depth
    - In:** query
    - Description:** limit the depth of nodes in response
    - Required/Optional:** false
    - Style:** form
    - Explode:** true
    - Schema:**
      - Type:** integer
      - Format:** uint16
  - **Name:** fields
    - In:** query
    - Description:** optionally identify specific data nodes in response
    - Required/Optional:** false
    - Style:** form
    - Explode:** true
    - Schema:**
      - Type:** string
      - Format:** string
  - **Name:** filter
    - In:** query
    - Description:** xpath expression to filter data nodes in response
    - Required/Optional:** false
    - Style:** form
    - Explode:** true
    - Schema:**
      - Type:** string
      - Format:** string
  - **Name:** with-defaults
    - In:** query
    - Description:** controlling default values in response
    - Required/Optional:** false
    - Style:** form
    - Explode:** true
    - Schema:**
      - Type:** string
      - Format:** enumeration
      - Default:** report-all

```

enum:
- report-all
- trim
- explicit
- report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_native-inst-id'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}

```

```

security:
- basicAuth: []

```

**head:**

```

Tags:
- data
- head

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_native_inst_id_head

```

**Parameters:**

```

- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-start-addr

```

```
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv6-prefix-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
```

```

    Schema:
      Type: string
      Format: string
  - Name: filter
    In: query
    Description: xpath expression to filter data nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
        - report-all
        - trim
        - explicit
        - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
  security:
    - basicAuth: []
?
/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/peer-inst-id
: get:

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_peer_inst_id_get

Parameters:
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form



```

Explode: true
Schema:
  Type: string
  Format: string
- Name: filter
In: query
Description: xpath expression to filter data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: report-all
  enum:
  - report-all
  - trim
  - explicit
  - report-all-tagged

```

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
      Reference:

```

```

'#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag-dp-tag-ipv6-prefix-ipv6-prefix-start-addr-ipv6-prefix-pool-ipv6-prefix-index-peer-inst-id'

```

```

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}

```

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data

- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_peer\_inst\_id\_head

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-pool

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-index

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** integer

**Format:** uint32

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
  **In:** query  
  **Description:** limit the depth of nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
  **In:** query  
  **Description:** optionally identify specific data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
  **In:** query  
  **Description:** xpath expression to filter data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
  **In:** query  
  **Description:** controlling default values in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
      - report-all  
      - trim  
      - explicit  
      - report-all-tagged

**Responses:**  
  '200':

```

    Description: OK
    Content: {}
  security:
    - basicAuth: []
?
/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/flag
: get:

  Tags:
    - data
    - get
  Operation ID:
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_flag_get

```

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form

**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
  - config  
  - nonconfig  
  - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**

```

'200':
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag-dp-tag-dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_flag'

'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_flag_head

Parameters:
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string

```

```
    Format: string
- Name: ipv6-prefix-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
```

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/native-peer-id

: **get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_native\_peer\_id\_get

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**



```
    Type: string
    Format: string
- Name: ipv6-prefix-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
```

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

'200':

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag-dp-tag-dp-tag\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_native-peer-id'

'204':

**Description:** No Content

**Content:** {}

'400':

**Description:** Bad Request

**Content:** {}

'401':

**Description:** Unauthorized

**Content:** {}

'404':

**Description:** Not Found

**Content:** {}

'405':

**Description:** Method Not Allowed

**Content:** {}

'409':

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_native\_peer\_id\_head

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config

- nonconfig
- all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

- '200':
  - Description:** OK
  - Content:** {}

**security:**

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/addr-alloc-thrs

: get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_addr\_alloc\_thrs\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**

- config
- nonconfig
- all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

'200':

**Description:** OK**Content:**

application/yang-data+json:

**Schema:****Reference:**

```
'#/components/schemas/data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_addr_alloc_thrs'
```

```
'204':
  Description: No Content
  Content: {}
'400':
  Description: Bad Request
  Content: {}
'401':
  Description: Unauthorized
  Content: {}
'404':
  Description: Not Found
  Content: {}
'405':
  Description: Method Not Allowed
  Content: {}
'409':
  Description: Conflict
  Content: {}
```

```
security:
- basicAuth: []
```

```
head:
```

```
Tags:
```

```
- data
- head
```

```
Operation ID:
```

```
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_addr_alloc_thrs_head
```

```
Parameters:
```

```
- Name: dp-tag-dp-tag
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
```

```

Schema:
  Type: string
  Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string

```



- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

**Responses:**  
  '200':  
    **Description:** OK  
    **Content:** {}  
  **security:**  
  - **basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/alloc-addr-list**  
**: get:**

**Tags:**  
  - data  
  - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_alloc\_addr\_list\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string  
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string  
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple

```
    Explode: false
    Schema:
      Type: string
      Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
```

```

    Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_alloc_addrs_list'

  '204':
    Description: No Content
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: Unauthorized
    Content: {}
  '404':
    Description: Not Found
    Content: {}
  '405':
    Description: Method Not Allowed
    Content: {}
  '409':
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
head:

  Tags:
  - data
  - head
  Operation ID:
  data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_alloc_addrs_list_head

```

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false

```

Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  '200':
    Description: OK
    Content: {}
security:
  - basicAuth: []

```

## Components

schemas:

```

data:
  Type: object
  Properties:
    ietf-restconf:data:
      Type: object
      Properties: {}
      Description: This resource represents the combined configuration and state
        data resources that can be accessed by a client and cannot be created
        or deleted by the client. See RESTCONF RFC 8040 for further information.
      x-yang:
        Type: datastore
data-post:
  Type: object
  Properties:
    cisco-cn-ipam:ipam:
      Reference: '#/components/schemas/datapost_ciscocnipamipam'
data-put-patch:
  Type: object
  Properties:
    ietf-restconf:data:
      Reference: '#/components/schemas/dataputpatch_ietfrestconfdata'
data_cisco-cn-ipam_ipam:
  Type: object
  Properties:
    cisco-cn-ipam:ipam:
      Reference: '#/components/schemas/datapost_ciscocnipamipam'
data_cisco-cn-ipam_ipam-post:
  Type: object
  Properties:
    cisco-cn-ipam:instance:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_instance'
      x-yang:
        Type: list
    cisco-cn-ipam:pool:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_pool'
      x-yang:
        Type: list
    cisco-cn-ipam:dp:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_dp'
      x-yang:
        Type: list
    cisco-cn-ipam:dp-tag:
      Type: array

```

```

    Description: (list)
    Items:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_dp-tag'
    x-yang:
      Type: list
data_cisco-cn-ipam_ipam_dp:
  Type: object
  Properties:
    cisco-cn-ipam:dp:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_dp'
      x-yang:
        Type: list
data_cisco-cn-ipam_ipam_dp-tag:
  Type: object
  Properties:
    cisco-cn-ipam:dp-tag:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_dp-tag'
      x-yang:
        Type: list
data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag:
  Type: object
  Properties:
    cisco-cn-ipam:dp-tag:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_dp-tag'
      x-yang:
        Type: list
data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_app-name-bng:
  Type: object
  Properties:
    cisco-cn-ipam:app-name-bng:
      Type: boolean
      Description: (leaf)
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_dp-tag:
  Type: object
  Properties:
    cisco-cn-ipam:dp-tag:
      Type: string
      Description: (leaf)
      format: string
      x-yang:

```

```

    Type: leaf
data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_gr-inst-id:
  Type: object
  Properties:
    cisco-cn-ipam:gr-inst-id:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv4-addr:
  Type: object
  Properties:
    cisco-cn-ipam:ipv4-addr:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
      x-yang:
        Type: list

data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index:

  Type: object
  Properties:
    cisco-cn-ipam:ipv4-addr:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
      x-yang:
        Type: list

data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_addr-alloc-thrs:

  Type: object
  Properties:
    cisco-cn-ipam:addr-alloc-thrs:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
?
data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_alloc-addr-list

: type: object
  Properties:
    cisco-cn-ipam:alloc-addr-list:
      Type: string
      Description: (leaf)
      format: string
      x-yang:

```



**Type:** leaf

`data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_alloc-id`

**Type:** object

**Properties:**

`cisco-cn-ipam:alloc-id:`

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

`data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_end-addr`

**Type:** object

**Properties:**

`cisco-cn-ipam:end-addr:`

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

`data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_flag`

**Type:** object

**Properties:**

`cisco-cn-ipam:flag:`

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

`data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_index`

**Type:** object

**Properties:**

`cisco-cn-ipam:index:`

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

`data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_native-inst-id`

**Type:** object

**Properties:**

`cisco-cn-ipam:native-inst-id:`

**Type:** integer

**Description:** (leaf)

```

    format: uint32
    x-yang:
      Type: leaf

```

```
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_native-peer-id:
```

```

Type: object
Properties:
  cisco-cn-ipam:native-peer-id:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

```

```
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_offline:
```

```

Type: object
Properties:
  cisco-cn-ipam:offline:
    Type: boolean
    Description: (leaf)
    x-yang:
      Type: leaf

```

```
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_peer-inst-id:
```

```

Type: object
Properties:
  cisco-cn-ipam:peer-inst-id:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf

```

```
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_pool:
```

```

Type: object
Properties:
  cisco-cn-ipam:pool:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

```

```
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_route:
```

```

Type: object
Properties:
  cisco-cn-ipam:route:
    Type: string

```

**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_start-addr:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:start-addr:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_static:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:static:**  
**Type:** boolean  
**Description:** (leaf)  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-rsvd-addr:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:ipv4-rsvd-addr:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint64  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-threshold:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:ipv4-threshold:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-total:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:ipv4-total:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint64  
**x-yang:**  
**Type:** leaf

```

data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv4-used:
  Type: object
  Properties:
    cisco-cn-ipam:ipv4-used:
      Type: integer
      Description: (leaf)
      format: uint64
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-addr:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-addr:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
      x-yang:
        Type: list
data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-addr-threshold:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-addr-threshold:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-addr-total:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-addr-total:
      Type: integer
      Description: (leaf)
      format: uint64
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-addr-used:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-addr-used:
      Type: integer
      Description: (leaf)
      format: uint64
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-addr:

```

**Type:** array  
**Description:** (list)  
**Items:**  
   **Reference:** '#/components/schemas/datapost\_cisconipamipam\_ipv4addr'  
**x-yang:**  
   **Type:** list

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_addr-alloc-thrs:**

**Type:** object  
**Properties:**  
   **cisco-cn-ipam:addr-alloc-thrs:**  
     **Type:** string  
     **Description:** (leaf)  
     **format:** string  
     **x-yang:**  
       **Type:** leaf

?

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_alloc-addr-list**

: type: object

**Properties:**  
   **cisco-cn-ipam:alloc-addr-list:**  
     **Type:** string  
     **Description:** (leaf)  
     **format:** string  
     **x-yang:**  
       **Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_alloc-id**

**Type:** object  
**Properties:**  
   **cisco-cn-ipam:alloc-id:**  
     **Type:** string  
     **Description:** (leaf)  
     **format:** string  
     **x-yang:**  
       **Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_end-addr:**

**Type:** object  
**Properties:**  
   **cisco-cn-ipam:end-addr:**  
     **Type:** string  
     **Description:** (leaf)  
     **format:** string  
     **x-yang:**  
       **Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_flag:**

**Type:** object

**Properties:**

**cisco-cn-ipam:flag:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_index:**

**Type:** object

**Properties:**

**cisco-cn-ipam:index:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_native-inst-id:**

**Type:** object

**Properties:**

**cisco-cn-ipam:native-inst-id:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_native-peer-id:**

**Type:** object

**Properties:**

**cisco-cn-ipam:native-peer-id:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_offline:**

**Type:** object

**Properties:**

**cisco-cn-ipam:offline:**  
**Type:** boolean  
**Description:** (leaf)  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_peer-inst-id:**

```

Type: object
Properties:
  cisco-cn-ipam:peer-inst-id:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_pool:**

```

Type: object
Properties:
  cisco-cn-ipam:pool:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_route:**

```

Type: object
Properties:
  cisco-cn-ipam:route:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_start-addr:**

```

Type: object
Properties:
  cisco-cn-ipam:start-addr:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_static:**

```

Type: object
Properties:
  cisco-cn-ipam:static:
    Type: boolean
    Description: (leaf)
    x-yang:
      Type: leaf

```

```

data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-pfx-threshold:
Type: object

```

```

Properties:
  cisco-cn-ipam:ipv6-pfx-threshold:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-pfx-total:
Type: object
Properties:
  cisco-cn-ipam:ipv6-pfx-total:
    Type: integer
    Description: (leaf)
    format: uint64
    x-yang:
      Type: leaf
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-pfx-used:
Type: object
Properties:
  cisco-cn-ipam:ipv6-pfx-used:
    Type: integer
    Description: (leaf)
    format: uint64
    x-yang:
      Type: leaf
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix:
Type: object
Properties:
  cisco-cn-ipam:ipv6-prefix:
    Type: array
    Description: (list)
    Items:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
    x-yang:
      Type: list

data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index:

Type: object
Properties:
  cisco-cn-ipam:ipv6-prefix:
    Type: array
    Description: (list)
    Items:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
    x-yang:
      Type: list
?
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_addr-alloc-thrs

: type: object
Properties:

```



```

    cisco-cn-ipam:addr-alloc-thrs:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
  ?
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_alloc-adtrs-list

: type: object
Properties:
  cisco-cn-ipam:alloc-adtrs-list:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf
  ?
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_alloc-id

: type: object
Properties:
  cisco-cn-ipam:alloc-id:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf
  ?
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_end-addr

: type: object
Properties:
  cisco-cn-ipam:end-addr:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_flag

Type: object
Properties:
  cisco-cn-ipam:flag:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_index

Type: object

```

```

Properties:
  cisco-cn-ipam:index:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf
?
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_native-inst-id

: type: object
Properties:
  cisco-cn-ipam:native-inst-id:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf
?
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_native-peer-id

: type: object
Properties:
  cisco-cn-ipam:native-peer-id:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_offline

Type: object
Properties:
  cisco-cn-ipam:offline:
    Type: boolean
    Description: (leaf)
    x-yang:
      Type: leaf
?
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_peer-inst-id

: type: object
Properties:
  cisco-cn-ipam:peer-inst-id:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf

data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_pool:

Type: object

```

```

Properties:
  cisco-cn-ipam:pool:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

```

```
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_route
```

```

Type: object
Properties:
  cisco-cn-ipam:route:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

```

```
?
```

```
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_start-addr
```

```
: type: object
```

```

Properties:
  cisco-cn-ipam:start-addr:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

```

```
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_static
```

```

Type: object
Properties:
  cisco-cn-ipam:static:
    Type: boolean
    Description: (leaf)
    x-yang:
      Type: leaf

```

```
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_offline:
```

```

Type: object
Properties:
  cisco-cn-ipam:offline:
    Type: boolean
    Description: (leaf)
    x-yang:
      Type: leaf

```

```
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_static:
```

```

Type: object
Properties:
  cisco-cn-ipam:static:
    Type: boolean
    Description: (leaf)

```

```

    x-yang:
      Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name:
  Type: object
  Properties:
    cisco-cn-ipam:dp:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_dp'
        x-yang:
          Type: list
data_cisco-cn-ipam_ipam_dp_dp-dp-name_app-name-bng:
  Type: object
  Properties:
    cisco-cn-ipam:app-name-bng:
      Type: boolean
      Description: (leaf)
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_dp-name:
  Type: object
  Properties:
    cisco-cn-ipam:dp-name:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_gr-inst-id:
  Type: object
  Properties:
    cisco-cn-ipam:gr-inst-id:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-addr:
  Type: object
  Properties:
    cisco-cn-ipam:ipv4-addr:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
        x-yang:
          Type: list
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index:
  Type: object

```

**Properties:****cisco-cn-ipam:ipv4-addr:****Type:** array**Description:** (list)**Items:****Reference:** '#/components/schemas/datapost\_cisconipamipam\_ipv4addr'**x-yang:****Type:** list**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_addr-alloc-thrs:****Type:** object**Properties:****cisco-cn-ipam:addr-alloc-thrs:****Type:** string**Description:** (leaf)**format:** string**x-yang:****Type:** leaf**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_alloc-addr-list:****Type:** object**Properties:****cisco-cn-ipam:alloc-addr-list:****Type:** string**Description:** (leaf)**format:** string**x-yang:****Type:** leaf**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_alloc-id:****Type:** object**Properties:****cisco-cn-ipam:alloc-id:****Type:** string**Description:** (leaf)**format:** string**x-yang:****Type:** leaf**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_end-addr:****Type:** object**Properties:****cisco-cn-ipam:end-addr:****Type:** string**Description:** (leaf)**format:** string**x-yang:****Type:** leaf

`data_cisco-cn-ipam_ipam_dp_dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_flag:`

**Type:** object  
**Properties:**  
     **cisco-cn-ipam:flag:**  
         **Type:** string  
         **Description:** (leaf)  
         **format:** string  
         **x-yang:**  
             **Type:** leaf

`data_cisco-cn-ipam_ipam_dp_dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_index:`

**Type:** object  
**Properties:**  
     **cisco-cn-ipam:index:**  
         **Type:** integer  
         **Description:** (leaf)  
         **format:** uint32  
         **x-yang:**  
             **Type:** leaf

`data_cisco-cn-ipam_ipam_dp_dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_native-inst-id:`

**Type:** object  
**Properties:**  
     **cisco-cn-ipam:native-inst-id:**  
         **Type:** integer  
         **Description:** (leaf)  
         **format:** uint32  
         **x-yang:**  
             **Type:** leaf

`data_cisco-cn-ipam_ipam_dp_dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_native-peer-id:`

**Type:** object  
**Properties:**  
     **cisco-cn-ipam:native-peer-id:**  
         **Type:** string  
         **Description:** (leaf)  
         **format:** string  
         **x-yang:**  
             **Type:** leaf

`data_cisco-cn-ipam_ipam_dp_dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_offline:`

**Type:** object  
**Properties:**  
     **cisco-cn-ipam:offline:**  
         **Type:** boolean  
         **Description:** (leaf)  
         **x-yang:**  
             **Type:** leaf

`data_cisco-cn-ipam_ipam_dp_dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_peer-inst-id`

**Type:** object  
**Properties:**  
   **cisco-cn-ipam:peer-inst-id:**  
     **Type:** integer  
     **Description:** (leaf)  
     **format:** uint32  
     **x-yang:**  
       **Type:** leaf

`data_cisco-cn-ipam_ipam_dp_dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_pool:`

**Type:** object  
**Properties:**  
   **cisco-cn-ipam:pool:**  
     **Type:** string  
     **Description:** (leaf)  
     **format:** string  
     **x-yang:**  
       **Type:** leaf

`data_cisco-cn-ipam_ipam_dp_dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_route:`

**Type:** object  
**Properties:**  
   **cisco-cn-ipam:route:**  
     **Type:** string  
     **Description:** (leaf)  
     **format:** string  
     **x-yang:**  
       **Type:** leaf

`data_cisco-cn-ipam_ipam_dp_dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_start-addr:`

**Type:** object  
**Properties:**  
   **cisco-cn-ipam:start-addr:**  
     **Type:** string  
     **Description:** (leaf)  
     **format:** string  
     **x-yang:**  
       **Type:** leaf

`data_cisco-cn-ipam_ipam_dp_dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_static:`

**Type:** object  
**Properties:**  
   **cisco-cn-ipam:static:**  
     **Type:** boolean  
     **Description:** (leaf)  
     **x-yang:**

```

    Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-rsvd-addr:
  Type: object
  Properties:
    cisco-cn-ipam:ipv4-rsvd-addr:
      Type: integer
      Description: (leaf)
      format: uint64
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-threshold:
  Type: object
  Properties:
    cisco-cn-ipam:ipv4-threshold:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-total:
  Type: object
  Properties:
    cisco-cn-ipam:ipv4-total:
      Type: integer
      Description: (leaf)
      format: uint64
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-used:
  Type: object
  Properties:
    cisco-cn-ipam:ipv4-used:
      Type: integer
      Description: (leaf)
      format: uint64
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-addr:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_cisrocnipamipam_ipv4addr'
      x-yang:
        Type: list
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr-threshold:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-addr-threshold:

```



```

    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr-total:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-addr-total:
      Type: integer
      Description: (leaf)
      format: uint64
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr-used:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-addr-used:
      Type: integer
      Description: (leaf)
      format: uint64
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-addr:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
      x-yang:
        Type: list
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_addr-alloc-thrs:
  Type: object
  Properties:
    cisco-cn-ipam:addr-alloc-thrs:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_alloc-addr-list:
  Type: object
  Properties:
    cisco-cn-ipam:alloc-addr-list:
      Type: string

```

**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_alloc-id:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:alloc-id:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_end-addr:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:end-addr:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_flag:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:flag:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_index:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:index:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_native-inst-id:**

**Type:** object  
**Properties:**

**cisco-cn-ipam:native-inst-id:**

**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_native-peer-id:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:native-peer-id:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_offline:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:offline:**  
**Type:** boolean  
**Description:** (leaf)  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_peer-inst-id:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:peer-inst-id:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_pool:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:pool:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_route:**

**Type:** object

**Properties:**

**cisco-cn-ipam:route:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_start-addr:**

**Type:** object

**Properties:**

**cisco-cn-ipam:start-addr:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_static:**

**Type:** object

**Properties:**

**cisco-cn-ipam:static:**  
**Type:** boolean  
**Description:** (leaf)  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-pfx-threshold:**

**Type:** object

**Properties:**

**cisco-cn-ipam:ipv6-pfx-threshold:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-pfx-total:**

**Type:** object

**Properties:**

**cisco-cn-ipam:ipv6-pfx-total:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint64  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-pfx-used:**

**Type:** object

**Properties:**

**cisco-cn-ipam:ipv6-pfx-used:**  
**Type:** integer  
**Description:** (leaf)

```

        format: uint64
        x-yang:
          Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-name_ipv6-prefix:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-prefix:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
      x-yang:
        Type: list

data_cisco-cn-ipam_ipam_dp_dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-prefix:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
      x-yang:
        Type: list
?
data_cisco-cn-ipam_ipam_dp_dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_addr-alloc-thrs
: type: object
  Properties:
    cisco-cn-ipam:addr-alloc-thrs:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
?
data_cisco-cn-ipam_ipam_dp_dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_alloc-addr-list
: type: object
  Properties:
    cisco-cn-ipam:alloc-addr-list:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf

data_cisco-cn-ipam_ipam_dp_dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_alloc-id
  Type: object
  Properties:
    cisco-cn-ipam:alloc-id:

```

**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_end-addr:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:end-addr:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_flag:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:flag:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_index:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:index:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_native-inst-id:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:native-inst-id:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_native-peer-id:**

**Type:** object

**Properties:**

**cisco-cn-ipam:native-peer-id:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_offline:**

**Type:** object

**Properties:**

**cisco-cn-ipam:offline:**  
**Type:** boolean  
**Description:** (leaf)  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_peer-inst-id:**

**Type:** object

**Properties:**

**cisco-cn-ipam:peer-inst-id:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_pool:**

**Type:** object

**Properties:**

**cisco-cn-ipam:pool:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_route:**

**Type:** object

**Properties:**

**cisco-cn-ipam:route:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_start-addr:**

**Type:** object  
**Properties:**  
 cisco-cn-ipam:start-addr:  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_static:

**Type:** object  
**Properties:**  
 cisco-cn-ipam:static:  
**Type:** boolean  
**Description:** (leaf)  
**x-yang:**  
**Type:** leaf

data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_offline:

**Type:** object  
**Properties:**  
 cisco-cn-ipam:offline:  
**Type:** boolean  
**Description:** (leaf)  
**x-yang:**  
**Type:** leaf

data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_static:

**Type:** object  
**Properties:**  
 cisco-cn-ipam:static:  
**Type:** boolean  
**Description:** (leaf)  
**x-yang:**  
**Type:** leaf

data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id:

**Type:** object  
**Properties:**  
 cisco-cn-ipam:instance:  
**Type:** array  
**Description:** (list)  
**Items:**  
**Reference:** '#/components/schemas/datapost\_ciscocnipamipam\_instance'  
**x-yang:**  
**Type:** list

data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name:

**Type:** object  
**Properties:**  
 cisco-cn-ipam:address-pool:  
**Type:** array  
**Description:** (list)



```

Items:
  Reference: '#/components/schemas/datapost_ciscocnipamipam_addresspool'
x-yang:
  Type: list

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_address-quarantine-qsize:**

```

Type: object
Properties:
  cisco-cn-ipam:address-quarantine-qsize:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_address-quarantine-timer:**

```

Type: object
Properties:
  cisco-cn-ipam:address-quarantine-timer:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-bng-ipam\_static:**

```

Type: object
Properties:
  cisco-bng-ipam:static:
    Reference: '#/components/schemas/datapost_ciscocnipamipam_ciscobngipamstatic'

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-bng-ipam\_static-post:**

```

Type: object
Properties:
  cisco-bng-ipam:enable:
    Type: string
    Description: (leaf)
    format: '[null]'
    x-yang:
      Type: leaf
  cisco-bng-ipam:user-plane:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

```

?  
data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-bng-ipam\_static\_cisco-bng-ipam\_enable

: type: object

```

Properties:
  cisco-bng-ipam:enable:
    Type: string
    Description: (leaf)
    format: '[null]'
    x-yang:
      Type: leaf
?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_static_cisco-bng-ipam_user-plane
: type: object
Properties:
  cisco-bng-ipam:user-plane:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4:
Type: object
Properties:
  cisco-cn-ipam:ipv4:
    Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4'

data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4-post:
Type: object
Properties:
  cisco-cn-ipam:address-range:
    Type: array
    Description: (list)
    Items:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4_addressrange'
    x-yang:
      Type: list
  cisco-cn-ipam:prefix-range:
    Type: array
    Description: (list)
    Items:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4_prefixrange'
    x-yang:
      Type: list
  cisco-cn-ipam:split-size:
    Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4_splitsize'
  cisco-cn-ipam:threshold:
    Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4_threshold'
?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address
: type: object
Properties:

```

```

    cisco-cn-ipam:address-range:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_cisrocnipamipam_ipv4_addressrange'
      x-yang:
        Type: list
  ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address_cisco-cn-ipam-default-gatew
: type: object
  Properties:
    cisco-bng-ipam:default-gateway:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
  ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address
: type: object
  Properties:
    cisco-cn-ipam:end-address:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
  ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address_offline
: type: object
  Properties:
    cisco-cn-ipam:offline:
      Type: string
      Description: (leaf)
      format: '[null]'
      x-yang:
        Type: leaf
  ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address_start-address
: type: object
  Properties:
    cisco-cn-ipam:start-address:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
  ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length

```

```

: type: object
  Properties:
    cisco-cn-ipam:prefix-range:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4_prefixrange'
        x-yang:
          Type: list
?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_cisco-bng-ipam-default-gateway

: type: object
  Properties:
    cisco-bng-ipam:default-gateway:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_length

: type: object
  Properties:
    cisco-cn-ipam:length:
      Type: integer
      Description: (leaf)
      format: uint32
      x-yang:
        Type: leaf
?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_offline

: type: object
  Properties:
    cisco-cn-ipam:offline:
      Type: string
      Description: (leaf)
      format: '[null]'
      x-yang:
        Type: leaf
?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_prefix

: type: object
  Properties:
    cisco-cn-ipam:prefix:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size:**

**Type:** object

**Properties:**

**cisco-cn-ipam:split-size:**

**Reference:** '#/components/schemas/datapost\_ciscocnipamipam\_ipv4\_splitsize'

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size-post:**

**Type:** object

**Properties:**

**cisco-cn-ipam:per-cache:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

**cisco-cn-ipam:per-dp:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

**cisco-cn-ipam:no-split:**

**Type:** string

**Description:** (leaf)

**format:** '[null]'

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size\_no-split:**

**Type:** object

**Properties:**

**cisco-cn-ipam:no-split:**

**Type:** string

**Description:** (leaf)

**format:** '[null]'

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size\_per-cache:**

**Type:** object

**Properties:**

**cisco-cn-ipam:per-cache:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size\_per-dp:**

**Type:** object  
**Properties:**  
  **cisco-cn-ipam:per-dp:**  
    **Type:** integer  
    **Description:** (leaf)  
    **format:** uint32  
    **x-yang:**  
      **Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_threshold:**

**Type:** object  
**Properties:**  
  **cisco-cn-ipam:threshold:**  
    **Reference:** '#/components/schemas/datapost\_ciscocnipamipam\_ipv4\_threshold'

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_threshold-post:**

**Type:** object  
**Properties:**  
  **cisco-cn-ipam:upper-threshold:**  
    **Type:** integer  
    **Description:** (leaf)  
    **format:** uint32  
    **x-yang:**  
      **Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_threshold\_upper-threshold:**

**Type:** object  
**Properties:**  
  **cisco-cn-ipam:upper-threshold:**  
    **Type:** integer  
    **Description:** (leaf)  
    **format:** uint32  
    **x-yang:**  
      **Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6:**

**Type:** object  
**Properties:**  
  **cisco-cn-ipam:ipv6:**  
    **Reference:** '#/components/schemas/datapost\_ciscocnipamipam\_ipv6'

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6-post:**

**Type:** object  
**Properties:**  
  **cisco-cn-ipam:address-ranges:**  
    **Reference:** '#/components/schemas/datapost\_ciscocnipamipam\_ipv6\_addressranges'  
  **cisco-cn-ipam:prefix-ranges:**  
    **Reference:** '#/components/schemas/datapost\_ciscocnipamipam\_ipv6\_prefixranges'

**data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges:**

**Type:** object

**Properties:**

**cisco-cn-ipam:**address-ranges:

**Reference:** '#/components/schemas/datapost\_ciscocnipamipam\_ipv6\_addressranges'

**data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges-post:**

**Type:** object

**Properties:**

**cisco-cn-ipam:**address-range:

**Type:** array

**Description:** (list)

**Items:**

**Reference:**

'#/components/schemas/datapost\_ciscocnipamipam\_ipv6\_addressranges\_addressrange'

**x-yang:**

**Type:** list

**cisco-cn-ipam:**prefix-range:

**Type:** array

**Description:** (list)

**Items:**

**Reference:**

'#/components/schemas/datapost\_ciscocnipamipam\_ipv6\_addressranges\_prefixrange'

**x-yang:**

**Type:** list

**cisco-cn-ipam:**split-size:

**Reference:** '#/components/schemas/datapost\_ciscocnipamipam\_ipv4\_splitsize'

**cisco-cn-ipam:**threshold:

**Reference:** '#/components/schemas/datapost\_ciscocnipamipam\_ipv4\_threshold'

?

**data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_address-range\_address-range-start-address\_address-range-end-address**

: type: object

**Properties:**

**cisco-cn-ipam:**address-range:

**Type:** array

**Description:** (list)

**Items:**

**Reference:**

'#/components/schemas/datapost\_ciscocnipamipam\_ipv6\_addressranges\_addressrange'

**x-yang:**

**Type:** list

?

**data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_address-range\_address-range-start-address\_address-range-end-address**

: type: object

**Properties:**

**cisco-cn-ipam:**end-address:

**Type:** string

**Description:** (leaf)

**format:** string

```

    x-yang:
      Type: leaf
  ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-ran_ipv6_address-ranges_address-range_address-range-start-address_address-range-end-address_offline
: type: object
Properties:
  cisco-cn-ipam:offline:
    Type: string
    Description: (leaf)
    format: '[null]'
    x-yang:
      Type: leaf
  ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-ran_ipv6_address-ranges_address-range_address-range-start-address_address-range-end-address_start-address
: type: object
Properties:
  cisco-cn-ipam:start-address:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf
  ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-ran_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length
: type: object
Properties:
  cisco-cn-ipam:prefix-range:
    Type: array
    Description: (list)
    Items:
      Reference:
        '#/components/schemas/datapost_ciscocnipamipam_ipv6_addressranges_prefixrange'
    x-yang:
      Type: list
  ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-ran_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length_length
: type: object
Properties:
  cisco-cn-ipam:length:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf
  ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-ran_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length_offline
: type: object
Properties:
  cisco-cn-ipam:offline:
    Type: string

```



```

        Description: (leaf)
        format: '[null]'
        x-yang:
            Type: leaf
    ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length_prefix
: type: object
Properties:
    cisco-cn-ipam:prefix:
        Type: string
        Description: (leaf)
        format: string
        x-yang:
            Type: leaf

data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size
Type: object
Properties:
    cisco-cn-ipam:split-size:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4_splitsize'
    ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size-post
: type: object
Properties:
    cisco-cn-ipam:per-cache:
        Type: integer
        Description: (leaf)
        format: uint32
        x-yang:
            Type: leaf
    cisco-cn-ipam:per-dp:
        Type: integer
        Description: (leaf)
        format: uint32
        x-yang:
            Type: leaf
    cisco-cn-ipam:no-split:
        Type: string
        Description: (leaf)
        format: '[null]'
        x-yang:
            Type: leaf
    ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_no-split
: type: object
Properties:
    cisco-cn-ipam:no-split:
        Type: string
        Description: (leaf)
        format: '[null]'

```

```

        x-yang:
          Type: leaf
      ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_per-cache

: type: object
Properties:
  cisco-cn-ipam:per-cache:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf
  ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_per-dp

: type: object
Properties:
  cisco-cn-ipam:per-dp:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold:

Type: object
Properties:
  cisco-cn-ipam:threshold:
    Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4_threshold'
  ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold-post

: type: object
Properties:
  cisco-cn-ipam:upper-threshold:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf
  ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold_upper-threshold

: type: object
Properties:
  cisco-cn-ipam:upper-threshold:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges:**

**Type:** object

**Properties:**

**cisco-cn-ipam:prefix-ranges:**

**Reference:** '#/components/schemas/datapost\_ciscocnipamipam\_ipv6\_prefixranges'

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges-post:**

**Type:** object

**Properties:**

**cisco-cn-ipam:prefix-range:**

**Type:** array

**Description:** (list)

**Items:**

**Reference:**

'#/components/schemas/datapost\_ciscocnipamipam\_ipv6\_addressranges\_prefixrange'

**x-yang:**

**Type:** list

**cisco-cn-ipam:split-size:**

**Reference:** '#/components/schemas/datapost\_ciscocnipamipam\_ipv4\_splitsize'

**cisco-cn-ipam:threshold:**

**Reference:** '#/components/schemas/datapost\_ciscocnipamipam\_ipv4\_threshold'

**cisco-bng-ipam:prefix-length:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

?

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_cisco-bng-ipam\_prefix-length**

: type: object

**Properties:**

**cisco-bng-ipam:prefix-length:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

?

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_prefix-range\_prefix-range-prefix\_prefix-range-length**

: type: object

**Properties:**

**cisco-cn-ipam:prefix-range:**

**Type:** array

**Description:** (list)

**Items:**

**Reference:**

'#/components/schemas/datapost\_ciscocnipamipam\_ipv6\_addressranges\_prefixrange'

**x-yang:**

**Type:** list

?

```

data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_length
: type: object
  Properties:
    cisco-cn-ipam:length:
      Type: integer
      Description: (leaf)
      format: uint32
      x-yang:
        Type: leaf
    ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_offline
: type: object
  Properties:
    cisco-cn-ipam:offline:
      Type: string
      Description: (leaf)
      format: '[null]'
      x-yang:
        Type: leaf
    ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix_range-prefix_prefix-range-length_prefix
: type: object
  Properties:
    cisco-cn-ipam:prefix:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf

data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size:
  Type: object
  Properties:
    cisco-cn-ipam:split-size:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4_splitsize'
    ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size-post
: type: object
  Properties:
    cisco-cn-ipam:per-cache:
      Type: integer
      Description: (leaf)
      format: uint32
      x-yang:
        Type: leaf
    cisco-cn-ipam:per-dp:
      Type: integer
      Description: (leaf)
      format: uint32

```

```

        x-yang:
          Type: leaf
      cisco-cn-ipam:no-split:
        Type: string
        Description: (leaf)
        format: '[null]'
        x-yang:
          Type: leaf
    ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_no-split

: type: object
Properties:
  cisco-cn-ipam:no-split:
    Type: string
    Description: (leaf)
    format: '[null]'
    x-yang:
      Type: leaf
  ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-cache

: type: object
Properties:
  cisco-cn-ipam:per-cache:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf
  ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-dp

: type: object
Properties:
  cisco-cn-ipam:per-dp:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold

Type: object
Properties:
  cisco-cn-ipam:threshold:
    Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4_threshold'
  ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold-post

: type: object
Properties:
  cisco-cn-ipam:upper-threshold:

```

```

    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf
  ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold_upper-threshold
: type: object
  Properties:
    cisco-cn-ipam:upper-threshold:
      Type: integer
      Description: (leaf)
      format: uint32
      x-yang:
        Type: leaf

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_offline:
  Type: object
  Properties:
    cisco-cn-ipam:offline:
      Type: string
      Description: (leaf)
      format: '[null]'
      x-yang:
        Type: leaf

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_pool-name:
  Type: object
  Properties:
    cisco-cn-ipam:pool-name:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_vrf-name:
  Type: object
  Properties:
    cisco-cn-ipam:vrf-name:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_instance_instance-instance-id_instance-id:
  Type: object
  Properties:
    cisco-cn-ipam:instance-id:

```

```

    Type: string
    Description: (leaf)
    format: leafref
    x-yang:
      Type: leaf
data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-reserve:
  Type: object
  Properties:
    cisco-cn-ipam:ip-reserve:
      Type: integer
      Description: (leaf)
      format: int32
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size:
  Type: object
  Properties:
    cisco-cn-ipam:min-dp-addr-size:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_threshold'
data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size-post:
  Type: object
  Properties:
    cisco-cn-ipam:ipv4-addr:
      Type: integer
      Description: (leaf)
      format: uint32
      x-yang:
        Type: leaf
    cisco-cn-ipam:ipv6-addr:
      Type: integer
      Description: (leaf)
      format: uint32
      x-yang:
        Type: leaf
    cisco-cn-ipam:ipv6-prefix:
      Type: integer
      Description: (leaf)
      format: uint32
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size_ipv4-addr:
  Type: object
  Properties:
    cisco-cn-ipam:ipv4-addr:
      Type: integer
      Description: (leaf)
      format: uint32

```

**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_min-dp-addr-size\_ipv6-addr:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:ipv6-addr:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_min-dp-addr-size\_ipv6-prefix:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:ipv6-prefix:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:source:**  
**Reference:** '#/components/schemas/datapost\_ciscocnipamipam\_source'

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source-post:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:local:**  
**Type:** string  
**Description:** (leaf)  
**format:** '[null]'  
**x-yang:**  
**Type:** leaf  
**cisco-cn-ipam:external:**  
**Reference:** '#/components/schemas/datapost\_ciscocnipamipam\_source\_external'

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source\_external:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:external:**  
**Reference:** '#/components/schemas/datapost\_ciscocnipamipam\_source\_external'

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source\_external-post:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:ipam:**  
**Reference:** '#/components/schemas/datapost\_ciscocnipamipam\_source\_external\_ipam'



**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source\_external\_ipam:**

**Type:** object

**Properties:**

**cisco-cn-ipam:ipam:**

**Reference:** '#/components/schemas/datapost\_ciscocnipamipam\_source\_external\_ipam'

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source\_external\_ipam-post:**

**Type:** object

**Properties:**

**cisco-cn-ipam:host:**

**Type:** string

**Description:** (leaf)

**format:** union

**x-yang:**

**Type:** leaf

**cisco-cn-ipam:port:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

**cisco-cn-ipam:vendor:**

**Type:** string

**Description:** (leaf)

**format:** enumeration

**Default:** cisco

**enum:**

- cisco

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source\_external\_ipam\_host:**

**Type:** object

**Properties:**

**cisco-cn-ipam:host:**

**Type:** string

**Description:** (leaf)

**format:** union

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source\_external\_ipam\_port:**

**Type:** object

**Properties:**

**cisco-cn-ipam:port:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_source\_external\_ipam\_vendor:**

**Type:** object

**Properties:**

**cisco-cn-ipam:vendor:**

**Type:** string

**Description:** (leaf)

**format:** enumeration

**Default:** cisco

**enum:**

- cisco

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_source\_local:**

**Type:** object

**Properties:**

**cisco-cn-ipam:local:**

**Type:** string

**Description:** (leaf)

**format:** '[null]'

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_threshold:**

**Type:** object

**Properties:**

**cisco-cn-ipam:threshold:**

**Reference:** '#/components/schemas/datapost\_ciscocnipamipam\_threshold'

**data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_threshold-post:**

**Type:** object

**Properties:**

**cisco-cn-ipam:ipv4-addr:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

**cisco-cn-ipam:ipv6-addr:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

**cisco-cn-ipam:ipv6-prefix:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_threshold\_ipv4-addr:**

```

Type: object
Properties:
  cisco-cn-ipam:ipv4-addr:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf
data_cisco-cn-ipam_ipam_instance_instance-id_threshold_ipv6-addr:

Type: object
Properties:
  cisco-cn-ipam:ipv6-addr:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf

data_cisco-cn-ipam_ipam_instance_instance-id_threshold_ipv6-prefix:

Type: object
Properties:
  cisco-cn-ipam:ipv6-prefix:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf
data_cisco-cn-ipam_ipam_pool:
Type: object
Properties:
  cisco-cn-ipam:pool:
    Type: array
    Description: (list)
    Items:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_pool'
    x-yang:
      Type: list
data_cisco-cn-ipam_ipam_pool_pool-pool-name:
Type: object
Properties:
  cisco-cn-ipam:pool:
    Type: array
    Description: (list)
    Items:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_pool'
    x-yang:
      Type: list
data_cisco-cn-ipam_ipam_pool_pool-pool-name_app-name-bng:
Type: object
Properties:

```

```

    cisco-cn-ipam:app-name-bng:
      Type: boolean
      Description: (leaf)
      x-yang:
        Type: leaf
  data_cisco-cn-ipam_ipam_pool_pool-pool-name_gr-inst-id:
    Type: object
    Properties:
      cisco-cn-ipam:gr-inst-id:
        Type: string
        Description: (leaf)
        format: string
        x-yang:
          Type: leaf
  data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr:
    Type: object
    Properties:
      cisco-cn-ipam:ipv4-addr:
        Type: array
        Description: (list)
        Items:
          Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
        x-yang:
          Type: list
  data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr:
    Type: object
    Properties:
      cisco-cn-ipam:ipv4-addr:
        Type: array
        Description: (list)
        Items:
          Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
        x-yang:
          Type: list
  data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_addr-alloc-thrs:
    Type: object
    Properties:
      cisco-cn-ipam:addr-alloc-thrs:
        Type: string
        Description: (leaf)
        format: string
        x-yang:
          Type: leaf
  data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_alloc-addrs-list:
    Type: object
    Properties:
      cisco-cn-ipam:alloc-addrs-list:

```

**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_alloc-id:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:alloc-id:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_end-addr:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:end-addr:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_flag:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:flag:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_index:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:index:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_native-inst-id:**

**Type:** object

**Properties:**

```
cisco-cn-ipam:native-inst-id:  
  Type: integer  
  Description: (leaf)  
  format: uint32  
  x-yang:  
    Type: leaf
```

```
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_native-peer-id:
```

```
Type: object
```

**Properties:**

```
cisco-cn-ipam:native-peer-id:  
  Type: string  
  Description: (leaf)  
  format: string  
  x-yang:  
    Type: leaf
```

```
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_offline:
```

```
Type: object
```

**Properties:**

```
cisco-cn-ipam:offline:  
  Type: boolean  
  Description: (leaf)  
  x-yang:  
    Type: leaf
```

```
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_peer-inst-id:
```

```
Type: object
```

**Properties:**

```
cisco-cn-ipam:peer-inst-id:  
  Type: integer  
  Description: (leaf)  
  format: uint32  
  x-yang:  
    Type: leaf
```

```
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_pool:
```

```
Type: object
```

**Properties:**

```
cisco-cn-ipam:pool:  
  Type: string  
  Description: (leaf)  
  format: string  
  x-yang:  
    Type: leaf
```

```
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_route:
```

```

Type: object
Properties:
  cisco-cn-ipam:route:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_start-addr:**

```

Type: object
Properties:
  cisco-cn-ipam:start-addr:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_static:**

```

Type: object
Properties:
  cisco-cn-ipam:static:
    Type: boolean
    Description: (leaf)
    x-yang:
      Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-rsvd-addr:**

```

Type: object
Properties:
  cisco-cn-ipam:ipv4-rsvd-addr:
    Type: integer
    Description: (leaf)
    format: uint64
    x-yang:
      Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-threshold:**

```

Type: object
Properties:
  cisco-cn-ipam:ipv4-threshold:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-total:**

```

Type: object
Properties:
  cisco-cn-ipam:ipv4-total:
    Type: integer

```

```

        Description: (leaf)
        format: uint64
        x-yang:
          Type: leaf
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-used:
  Type: object
  Properties:
    cisco-cn-ipam:ipv4-used:
      Type: integer
      Description: (leaf)
      format: uint64
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-addr:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
      x-yang:
        Type: list
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr-threshold:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-addr-threshold:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr-total:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-addr-total:
      Type: integer
      Description: (leaf)
      format: uint64
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr-used:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-addr-used:
      Type: integer
      Description: (leaf)
      format: uint64
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr_ipv6-addr-start-addr:

```



```

Type: object
Properties:
  cisco-cn-ipam:ipv6-addr:
    Type: array
    Description: (list)
    Items:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
    x-yang:
      Type: list

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_addr-alloc-thrs:**

```

Type: object
Properties:
  cisco-cn-ipam:addr-alloc-thrs:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_alloc-addr-list:**

```

Type: object
Properties:
  cisco-cn-ipam:alloc-addr-list:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_alloc-id:**

```

Type: object
Properties:
  cisco-cn-ipam:alloc-id:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_end-addr:**

```

Type: object
Properties:
  cisco-cn-ipam:end-addr:
    Type: string
    Description: (leaf)
    format: string
    x-yang:

```

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_flag:**

**Type:** object

**Properties:**

**cisco-cn-ipam:flag:**

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_index:**

**Type:** object

**Properties:**

**cisco-cn-ipam:index:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_native-inst-id:**

**Type:** object

**Properties:**

**cisco-cn-ipam:native-inst-id:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_native-peer-id:**

**Type:** object

**Properties:**

**cisco-cn-ipam:native-peer-id:**

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_offline:**

**Type:** object

**Properties:**

**cisco-cn-ipam:offline:**

**Type:** boolean

**Description:** (leaf)

**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_peer-inst-id:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:peer-inst-id:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_pool:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:pool:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_route:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:route:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_start-addr:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:start-addr:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_static:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:static:**  
**Type:** boolean

```

        Description: (leaf)
        x-yang:
          Type: leaf
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-pfx-threshold:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-pfx-threshold:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-pfx-total:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-pfx-total:
      Type: integer
      Description: (leaf)
      format: uint64
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-pfx-used:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-pfx-used:
      Type: integer
      Description: (leaf)
      format: uint64
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-prefix:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
      x-yang:
        Type: list
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-prefix:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
      x-yang:
        Type: list

```

`data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_addr-alloc-thrs:`

**Type:** object  
**Properties:**  
  **cisco-cn-ipam:addr-alloc-thrs:**  
    **Type:** string  
    **Description:** (leaf)  
    **format:** string  
    **x-yang:**  
      **Type:** leaf

`data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_alloc-addr-list:`

**Type:** object  
**Properties:**  
  **cisco-cn-ipam:alloc-addr-list:**  
    **Type:** string  
    **Description:** (leaf)  
    **format:** string  
    **x-yang:**  
      **Type:** leaf

`data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_alloc-id:`

**Type:** object  
**Properties:**  
  **cisco-cn-ipam:alloc-id:**  
    **Type:** string  
    **Description:** (leaf)  
    **format:** string  
    **x-yang:**  
      **Type:** leaf

`data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_end-addr:`

**Type:** object  
**Properties:**  
  **cisco-cn-ipam:end-addr:**  
    **Type:** string  
    **Description:** (leaf)  
    **format:** string  
    **x-yang:**  
      **Type:** leaf

`data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_flag:`

**Type:** object  
**Properties:**  
  **cisco-cn-ipam:flag:**  
    **Type:** string  
    **Description:** (leaf)  
    **format:** string

**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_index:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:index:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_native-inst-id:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:native-inst-id:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_native-peer-id:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:native-peer-id:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_offline:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:offline:**  
**Type:** boolean  
**Description:** (leaf)  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_peer-inst-id:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:peer-inst-id:**  
**Type:** integer  
**Description:** (leaf)

```

    format: uint32
    x-yang:
      Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_pool:**

```

Type: object
Properties:
  cisco-cn-ipam:pool:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_route:**

```

Type: object
Properties:
  cisco-cn-ipam:route:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_start-addr:**

```

Type: object
Properties:
  cisco-cn-ipam:start-addr:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_static:**

```

Type: object
Properties:
  cisco-cn-ipam:static:
    Type: boolean
    Description: (leaf)
    x-yang:
      Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_offline:**

```

Type: object
Properties:
  cisco-cn-ipam:offline:
    Type: boolean
    Description: (leaf)
    x-yang:

```

```

    Type: leaf
data_cisco-cn-ipam_ipam_pool_pool-pool-name_pool-name:
  Type: object
  Properties:
    cisco-cn-ipam:pool-name:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_pool_pool-pool-name_static:
  Type: object
  Properties:
    cisco-cn-ipam:static:
      Type: boolean
      Description: (leaf)
      x-yang:
        Type: leaf
operations:
  Type: object
  Properties:
    ietf-restconf:operations:
      Type: object
      Properties: {}
      Description: This resource is a container that provides access to the
data-model-specific
      RPC operations supported by the server. See RESTCONF RFC 8040 for further
      information.
      x-yang:
        Type: operations
root:
  Type: object
  Properties:
    ietf-restconf:restconf:
      Reference: '#/components/schemas/root_ietfrestconfrestconf'
yang-library-version:
  Type: object
  Properties:
    ietf-restconf:yang-library-version:
      Type: object
      Properties: {}
      Description: This leaf identifies the revision date of the 'ietf-yang-library'
      YANG module that is implemented by this server. See RESTCONF RFC 8040
      for further information.
      x-yang:
        Type: leaf
datapost_ciscocnipamipam_source_external_ipam:
  Type: object
  Properties:
    host:
      Type: string
      Description: (leaf)

```



```

    format: union
    x-yang:
      Type: leaf
  port:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf
  vendor:
    Type: string
    Description: (leaf)
    format: enumeration
    Default: cisco
    enum:
      - cisco
    x-yang:
      Type: leaf
  Description: (non-presence)
datapost_cisconipamipam_source_external:
  Type: object
  Properties:
    ipam:
      Reference: '#/components/schemas/datapost_cisconipamipam_source_external_ipam'
  Description: (non-presence)
datapost_cisconipamipam_source:
  Type: object
  Properties:
    local:
      Type: string
      Description: (leaf)
      format: '[null]'
      x-yang:
        Type: leaf
    external:
      Reference: '#/components/schemas/datapost_cisconipamipam_source_external'
  Description: (non-presence)
datapost_cisconipamipam_ipv4_addressrange:
  Type: object
  Properties:
    start-address:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
    end-address:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf

```

```
offline:
  Type: string
  Description: (leaf)
  format: '[null]'
  x-yang:
    Type: leaf
cisco-bng-ipam:default-gateway:
  Type: string
  Description: (leaf)
  format: string
  x-yang:
    Type: leaf
datapost_ciscocnipamipam_ipv4_prefixrange:
Type: object
Properties:
  prefix:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf
  length:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf
  offline:
    Type: string
    Description: (leaf)
    format: '[null]'
    x-yang:
      Type: leaf
  cisco-bng-ipam:default-gateway:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf
datapost_ciscocnipamipam_ipv4_splitsize:
Type: object
Properties:
  per-cache:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf
  per-dp:
    Type: integer
    Description: (leaf)
```

```

    format: uint32
    x-yang:
      Type: leaf
  no-split:
    Type: string
    Description: (leaf)
    format: '[null]'
    x-yang:
      Type: leaf
  Description: (non-presence)
datapost_ciscocnipamipam_ipv4_threshold:
  Type: object
  Properties:
    upper-threshold:
      Type: integer
      Description: (leaf)
      format: uint32
      x-yang:
        Type: leaf
    Description: (non-presence)
datapost_ciscocnipamipam_ipv4:
  Type: object
  Properties:
    address-range:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4_addressrange'
      x-yang:
        Type: list
    prefix-range:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4_prefixrange'
      x-yang:
        Type: list
    split-size:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4_splitsize'
    threshold:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4_threshold'
  Description: (non-presence)
datapost_ciscocnipamipam_ipv6_addressranges_addressrange:
  Type: object
  Properties:
    start-address:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf

```

```

    end-address:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
  offline:
    Type: string
    Description: (leaf)
    format: '[null]'
    x-yang:
      Type: leaf
datapost_ciscocnipamipam_ipv6_addressranges_prefixrange:
Type: object
Properties:
  prefix:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf
  length:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf
  offline:
    Type: string
    Description: (leaf)
    format: '[null]'
    x-yang:
      Type: leaf
datapost_ciscocnipamipam_ipv6_addressranges:
Type: object
Properties:
  address-range:
    Type: array
    Description: (list)
    Items:
      Reference:
'#/components/schemas/datapost_ciscocnipamipam_ipv6_addressranges_addressrange'
      x-yang:
        Type: list
  prefix-range:
    Type: array
    Description: (list)
    Items:
      Reference:
'#/components/schemas/datapost_ciscocnipamipam_ipv6_addressranges_prefixrange'
      x-yang:
        Type: list

```

```

    split-size:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4_splitsize'
    threshold:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4_threshold'
  Description: (non-presence)
datapost_ciscocnipamipam_ipv6_prefixranges:
  Type: object
  Properties:
    prefix-range:
      Type: array
      Description: (list)
      Items:
        Reference:
          '#/components/schemas/datapost_ciscocnipamipam_ipv6_addressranges_prefixrange'
        x-yang:
          Type: list
    split-size:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4_splitsize'
    threshold:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4_threshold'
  cisco-bng-ipam:prefix-length:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf
  Description: (non-presence)
datapost_ciscocnipamipam_ipv6:
  Type: object
  Properties:
    address-ranges:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv6_addressranges'
    prefix-ranges:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv6_prefixranges'
  Description: (non-presence)
datapost_ciscocnipamipam_ciscobngipamstatic:
  Type: object
  Properties:
    cisco-bng-ipam:enable:
      Type: string
      Description: (leaf)
      format: '[null]'
    x-yang:
      Type: leaf
    cisco-bng-ipam:user-plane:
      Type: string
      Description: (leaf)
      format: string
    x-yang:
      Type: leaf
  Description: (non-presence)
datapost_ciscocnipamipam_addresspool:

```

```

Type: object
Properties:
  pool-name:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf
  address-quarantine-timer:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf
  address-quarantine-qsize:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf
  offline:
    Type: string
    Description: (leaf)
    format: '[null]'
    x-yang:
      Type: leaf
  vrf-name:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf
  ipv4:
    Reference: '#/components/schemas/datapost_cisconipamipam_ipv4'
  ipv6:
    Reference: '#/components/schemas/datapost_cisconipamipam_ipv6'
  cisco-bng-ipam:static:
    Reference: '#/components/schemas/datapost_cisconipamipam_ciscobngipamstatic'
datapost_cisconipamipam_threshold:
Type: object
Properties:
  ipv4-addr:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf
  ipv6-addr:
    Type: integer
    Description: (leaf)
    format: uint32

```

```

    x-yang:
      Type: leaf
  ipv6-prefix:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
      Type: leaf
  Description: (non-presence)
datapost_ciscocnipamipam_instance:
  Type: object
  Properties:
    instance-id:
      Type: string
      Description: (leaf)
      format: leafref
      x-yang:
        Type: leaf
    ip-reserve:
      Type: integer
      Description: (leaf)
      format: int32
      x-yang:
        Type: leaf
    source:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_source'
    address-pool:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/datapost_ciscocnipamipam_addresspool'
      x-yang:
        Type: list
    threshold:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_threshold'
    min-dp-addr-size:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_threshold'
datapost_ciscocnipamipam_ipv4addr:
  Type: object
  Properties:
    start-addr:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
    pool:
      Type: string
      Description: (leaf)
      format: string
      x-yang:

```

```
    Type: leaf
index:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
    Type: leaf
end-addr:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
    Type: leaf
alloc-id:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
    Type: leaf
route:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
    Type: leaf
static:
    Type: boolean
    Description: (leaf)
    x-yang:
    Type: leaf
offline:
    Type: boolean
    Description: (leaf)
    x-yang:
    Type: leaf
native-inst-id:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
    Type: leaf
peer-inst-id:
    Type: integer
    Description: (leaf)
    format: uint32
    x-yang:
    Type: leaf
flag:
    Type: string
    Description: (leaf)
    format: string
```



```
    x-yang:
      Type: leaf
  native-peer-id:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf
  addr-alloc-thrs:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf
  alloc-addrs-list:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf
datapost_ciscocnipamipam_pool:
  Type: object
  Properties:
    pool-name:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
    gr-inst-id:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
    ipv4-total:
      Type: integer
      Description: (leaf)
      format: uint64
      x-yang:
        Type: leaf
    ipv4-used:
      Type: integer
      Description: (leaf)
      format: uint64
      x-yang:
        Type: leaf
    ipv4-threshold:
      Type: string
      Description: (leaf)
      format: string
```

```
    x-yang:
      Type: leaf
  ipv6-addr-total:
    Type: integer
    Description: (leaf)
    format: uint64
    x-yang:
      Type: leaf
  ipv6-addr-used:
    Type: integer
    Description: (leaf)
    format: uint64
    x-yang:
      Type: leaf
  ipv6-addr-threshold:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf
  ipv6-pfx-total:
    Type: integer
    Description: (leaf)
    format: uint64
    x-yang:
      Type: leaf
  ipv6-pfx-used:
    Type: integer
    Description: (leaf)
    format: uint64
    x-yang:
      Type: leaf
  ipv6-pfx-threshold:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf
  ipv4-rsvd-addr:
    Type: integer
    Description: (leaf)
    format: uint64
    x-yang:
      Type: leaf
  app-name-bng:
    Type: boolean
    Description: (leaf)
    x-yang:
      Type: leaf
  static:
    Type: boolean
```

```

    Description: (leaf)
    x-yang:
      Type: leaf
offline:
  Type: boolean
  Description: (leaf)
  x-yang:
    Type: leaf
ipv4-addr:
  Type: array
  Description: (list)
  Items:
    Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
  x-yang:
    Type: list
ipv6-addr:
  Type: array
  Description: (list)
  Items:
    Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
  x-yang:
    Type: list
ipv6-prefix:
  Type: array
  Description: (list)
  Items:
    Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
  x-yang:
    Type: list
datapost_ciscocnipamipam_dp:
  Type: object
  Properties:
    dp-name:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
    gr-inst-id:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
    ipv4-total:
      Type: integer
      Description: (leaf)
      format: uint64
      x-yang:
        Type: leaf
    ipv4-used:

```

```
    Type: integer
    Description: (leaf)
    format: uint64
    x-yang:
      Type: leaf
  ipv4-threshold:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf
  ipv6-addr-total:
    Type: integer
    Description: (leaf)
    format: uint64
    x-yang:
      Type: leaf
  ipv6-addr-used:
    Type: integer
    Description: (leaf)
    format: uint64
    x-yang:
      Type: leaf
  ipv6-addr-threshold:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf
  ipv6-pfx-total:
    Type: integer
    Description: (leaf)
    format: uint64
    x-yang:
      Type: leaf
  ipv6-pfx-used:
    Type: integer
    Description: (leaf)
    format: uint64
    x-yang:
      Type: leaf
  ipv6-pfx-threshold:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf
  ipv4-rsvd-addr:
    Type: integer
    Description: (leaf)
    format: uint64
```

```

    x-yang:
      Type: leaf
  app-name-bng:
    Type: boolean
    Description: (leaf)
    x-yang:
      Type: leaf
  static:
    Type: boolean
    Description: (leaf)
    x-yang:
      Type: leaf
  offline:
    Type: boolean
    Description: (leaf)
    x-yang:
      Type: leaf
  ipv4-addr:
    Type: array
    Description: (list)
    Items:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
    x-yang:
      Type: list
  ipv6-addr:
    Type: array
    Description: (list)
    Items:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
    x-yang:
      Type: list
  ipv6-prefix:
    Type: array
    Description: (list)
    Items:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
    x-yang:
      Type: list
datapost_ciscocnipamipam_dptag:
  Type: object
  Properties:
    dp-tag:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
    gr-inst-id:
      Type: string
      Description: (leaf)
      format: string

```

```
    x-yang:
      Type: leaf
  ipv4-total:
    Type: integer
    Description: (leaf)
    format: uint64
    x-yang:
      Type: leaf
  ipv4-used:
    Type: integer
    Description: (leaf)
    format: uint64
    x-yang:
      Type: leaf
  ipv4-threshold:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf
  ipv6-addr-total:
    Type: integer
    Description: (leaf)
    format: uint64
    x-yang:
      Type: leaf
  ipv6-addr-used:
    Type: integer
    Description: (leaf)
    format: uint64
    x-yang:
      Type: leaf
  ipv6-addr-threshold:
    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf
  ipv6-pfx-total:
    Type: integer
    Description: (leaf)
    format: uint64
    x-yang:
      Type: leaf
  ipv6-pfx-used:
    Type: integer
    Description: (leaf)
    format: uint64
    x-yang:
      Type: leaf
  ipv6-pfx-threshold:
```

```

    Type: string
    Description: (leaf)
    format: string
    x-yang:
      Type: leaf
  ipv4-rsvd-addr:
    Type: integer
    Description: (leaf)
    format: uint64
    x-yang:
      Type: leaf
  app-name-bng:
    Type: boolean
    Description: (leaf)
    x-yang:
      Type: leaf
  static:
    Type: boolean
    Description: (leaf)
    x-yang:
      Type: leaf
  offline:
    Type: boolean
    Description: (leaf)
    x-yang:
      Type: leaf
  ipv4-addr:
    Type: array
    Description: (list)
    Items:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
    x-yang:
      Type: list
  ipv6-addr:
    Type: array
    Description: (list)
    Items:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
    x-yang:
      Type: list
  ipv6-prefix:
    Type: array
    Description: (list)
    Items:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_ipv4addr'
    x-yang:
      Type: list
  datapost_ciscocnipamipam:
    Type: object
    Properties:
      instance:

```

```

    Type: array
    Description: (list)
    Items:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_instance'
    x-yang:
      Type: list
  pool:
    Type: array
    Description: (list)
    Items:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_pool'
    x-yang:
      Type: list
  dp:
    Type: array
    Description: (list)
    Items:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_dp'
    x-yang:
      Type: list
  dp-tag:
    Type: array
    Description: (list)
    Items:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_dptag'
    x-yang:
      Type: list
  Description: (non-presence)
dataputpatch_ietfrestconfdata:
  Type: object
  Properties:
    cisco-cn-ipam:ipam:
      Reference: '#/components/schemas/datapost_ciscocnipamipam'
  Description: ''
root_ietfrestconfrestconf:
  Type: object
  Properties:
    data:
      Type: object
      Properties: {}
    operations:
      Type: object
      Properties: {}
    yang-library-version:
      Type: string
  Description: This is the RESTCONF root resource for the RESTCONF datastore and
    operation resources. See RESTCONF RFC 8040 for further information.
responses:
  '200':
    Description: OK
    content: {}
  '201':

```



```
    Description: Created
    content: {}
  '204':
    Description: No Content
    content: {}
  '400':
    Description: Bad Request
    content: {}
  '401':
    Description: Unauthorized
    content: {}
  '404':
    Description: Not Found
    content: {}
  '405':
    Description: Method Not Allowed
    content: {}
  '409':
    Description: Conflict
    content: {}
parameters:
  content:
    name: content
    in: query
    Description: controlling descendant nodes in response
    Required: false
    style: form
    explode: true
    schema:
      Type: string
      format: enumeration
      Default: config
      enum:
        - config
        - nonconfig
        - all
  depth:
    name: depth
    in: query
    Description: limit the depth of nodes in response
    Required: false
    style: form
    explode: true
    schema:
      Type: integer
      format: uint16
  fields:
    name: fields
    in: query
    Description: optionally identify specific data nodes in response
    Required: false
    style: form
```

```

    explode: true
    schema:
      Type: string
      format: string
  filter:
    name: filter
    in: query
    Description: xpath expression to filter data nodes in response
    Required: false
    style: form
    explode: true
    schema:
      Type: string
      format: string
  with-defaults:
    name: with-defaults
    in: query
    Description: controlling default values in response
    Required: false
    style: form
    explode: true
    schema:
      Type: string
      format: enumeration
      Default: report-all
      enum:
        - report-all
        - trim
        - explicit
        - report-all-tagged
  insert:
    name: insert
    in: query
    Description: controlling the order when adding new list elements
    Required: false
    style: form
    explode: true
    schema:
      Type: string
      format: enumeration
      Default: first
      enum:
        - first
        - last
        - before
        - after
  point:
    name: point
    in: query
    Description: used to specify the insertion point
    Required: false
    style: form
    explode: true

```

```
    schema:
      Type: string
      format: string
address-pool-pool-name:
  name: address-pool-pool-name
  in: path
  Required: true
  style: simple
  explode: false
  schema:
    Type: string
    format: string
address-range-end-address:
  name: address-range-end-address
  in: path
  Required: true
  style: simple
  explode: false
  schema:
    Type: string
    format: string
address-range-start-address:
  name: address-range-start-address
  in: path
  Required: true
  style: simple
  explode: false
  schema:
    Type: string
    format: string
dp-dp-name:
  name: dp-dp-name
  in: path
  Required: true
  style: simple
  explode: false
  schema:
    Type: string
    format: string
dp-tag-dp-tag:
  name: dp-tag-dp-tag
  in: path
  Required: true
  style: simple
  explode: false
  schema:
    Type: string
    format: string
instance-instance-id:
  name: instance-instance-id
  in: path
```

```
Required: true
style: simple
explode: false
schema:
  Type: string
  format: leafref
ipv4-addr-index:
  name: ipv4-addr-index
  in: path
  Required: true
  style: simple
  explode: false
  schema:
    Type: integer
    format: uint32
ipv4-addr-pool:
  name: ipv4-addr-pool
  in: path
  Required: true
  style: simple
  explode: false
  schema:
    Type: string
    format: string
ipv4-addr-start-addr:
  name: ipv4-addr-start-addr
  in: path
  Required: true
  style: simple
  explode: false
  schema:
    Type: string
    format: string
ipv6-addr-index:
  name: ipv6-addr-index
  in: path
  Required: true
  style: simple
  explode: false
  schema:
    Type: integer
    format: uint32
ipv6-addr-pool:
  name: ipv6-addr-pool
  in: path
  Required: true
  style: simple
  explode: false
  schema:
    Type: string
    format: string
```

```
ipv6-addr-start-addr:
  name: ipv6-addr-start-addr
  in: path
  Required: true
  style: simple
  explode: false
  schema:
    Type: string
    format: string
ipv6-prefix-index:
  name: ipv6-prefix-index
  in: path
  Required: true
  style: simple
  explode: false
  schema:
    Type: integer
    format: uint32
ipv6-prefix-pool:
  name: ipv6-prefix-pool
  in: path
  Required: true
  style: simple
  explode: false
  schema:
    Type: string
    format: string
ipv6-prefix-start-addr:
  name: ipv6-prefix-start-addr
  in: path
  Required: true
  style: simple
  explode: false
  schema:
    Type: string
    format: string
pool-pool-name:
  name: pool-pool-name
  in: path
  Required: true
  style: simple
  explode: false
  schema:
    Type: string
    format: string
prefix-range-length:
  name: prefix-range-length
  in: path
  Required: true
  style: simple
  explode: false
```

```

    schema:
      Type: integer
      format: uint32
  prefix-range-prefix:
    name: prefix-range-prefix
    in: path
    Required: true
    style: simple
    explode: false
    schema:
      Type: string
      format: string
  requestBodies:
    data-post:
      content:
        application/yang-data+json:
          schema:
            Reference: '#/components/schemas/data-post'
            Required: true
    data-put-patch:
      content:
        application/yang-data+json:
          schema:
            Reference: '#/components/schemas/data-put-patch'
            Required: true
    data_cisco-cn-ipam_ipam:
      content:
        application/yang-data+json:
          schema:
            Reference: '#/components/schemas/data_cisco-cn-ipam_ipam'
            Required: true
    data_cisco-cn-ipam_ipam-post:
      content:
        application/yang-data+json:
          schema:
            Reference: '#/components/schemas/data_cisco-cn-ipam_ipam-post'
            Required: true
    data_cisco-cn-ipam_ipam_instance_instance-id:
      content:
        application/yang-data+json:
          schema:
            Reference:
              '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id'
            Required: true
    data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name:
      content:
        application/yang-data+json:
          schema:
            Reference:
              '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name'
            Required: true

```

**data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_address-quarantine-qsize:**

**content:**  
application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_address-quarantine-qsize'

**Required:** true

**data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_address-quarantine-timer:**

**content:**  
application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_address-quarantine-timer'

**Required:** true

**data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-brg-ipam\_static:**

**content:**  
application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-brg-ipam\_static'

**Required:** true

**data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-brg-ipam\_static-post:**

**content:**  
application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-brg-ipam\_static-post'

**Required:** true

?

data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-brg-ipam\_static\_cisco-brg-ipam\_enable

: content:  
application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-brg-ipam\_static\_cisco-brg-ipam\_enable'

**Required:** true

?

data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-brg-ipam\_static\_cisco-brg-ipam\_user-plane

: content:  
application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-brg-ipam\_static\_cisco-brg-ipam\_user-plane'

**Required:** true

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4:**

**content:**

application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4'

**Required:** true

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4-post:**

**content:**

application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4-post'

**Required:** true

?

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_address-range\_address-range-start-address\_address-range-end-address**

: content:

application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_address-range\_address-range-start-address\_address-range-end-address'

**Required:** true

?

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_address-range\_address-range-start-address\_address-range-end-address\_cisco-by-ipam-fault-gate**

: content:

application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_address-range\_address-range-start-address\_address-range-end-address\_cisco-by-ipam-fault-gate'

**Required:** true

?

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_address-range\_address-range-start-address\_address-range-end-address\_end-address**

: content:

application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_address-range\_address-range-start-address\_address-range-end-address\_end-address'

**Required:** true

?

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_address-range\_address-range-start-address\_address-range-end-address\_offline**

: content:

application/yang-data+json:

**schema:**



**Reference:**

```
#!/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address_offline'
```

**Required:** true

?

```
data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address_start-address
```

```
: content:
  application/yang-data+json:
```

**schema:**

**Reference:**

```
#!/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address_start-address'
```

**Required:** true

?

```
data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length
```

```
: content:
  application/yang-data+json:
```

**schema:**

**Reference:**

```
#!/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length'
```

**Required:** true

?

```
data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_cisco-cr-ipam_default-gateway
```

```
: content:
  application/yang-data+json:
```

**schema:**

**Reference:**

```
#!/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_cisco-cr-ipam_default-gateway'
```

**Required:** true

?

```
data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_length
```

```
: content:
  application/yang-data+json:
```

**schema:**

**Reference:**

```
#!/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_length'
```

**Required:** true

?

```
data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_offline
```

```
: content:
  application/yang-data+json:
```

**schema:**

**Reference:**

```
#!/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_offline'
```

**Required:** true

?

```
data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_prefix
```

```
: content:
  application/yang-data+json:
```

```

    schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_prefix'

    Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_split-size:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_split-size'

    Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_split-size-post:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_split-size-post'

    Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_split-size_no-split:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_split-size_no-split'

    Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_split-size_per-cache:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_split-size_per-cache'

    Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_split-size_per-dp:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_split-size_per-dp'

    Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_threshold:

```

```

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_threshold'

    Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_threshold-post:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_threshold-post'

    Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_threshold_upper-threshold:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_threshold_upper-threshold'

    Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6'

    Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6-post:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6-post'

    Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges'

```

**Required:** true

`data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges-post:`

**content:**

application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges-post'

**Required:** true

?

`data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_address-range_address-range-stat-address_address-range-end-address`

: content:

application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_address-range\_address-range-stat-address\_address-range-end-address'

**Required:** true

?

`data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_address-range_address-range-stat-address_address-range-end-address_end-address`

: content:

application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_address-range\_address-range-stat-address\_address-range-end-address\_end-address'

**Required:** true

?

`data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_address-range_address-range-stat-address_address-range-end-address_offline`

: content:

application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_address-range\_address-range-stat-address\_address-range-end-address\_offline'

**Required:** true

?

`data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_address-range_address-range-stat-address_address-range-end-address_stat-address`

: content:

application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_address-range\_address-range-stat-address\_address-range-end-address\_stat-address'

**Required:** true

?

`data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length`

: content:

application/yang-data+json:

**schema:**

**Reference:**

```

'/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length'
  Required: true
  ?
data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length_length

  : content:
    application/yang-data+json:
      schema:
        Reference:
'/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length_length'

  Required: true
  ?
data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length_offset

  : content:
    application/yang-data+json:
      schema:
        Reference:
'/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length_offset'

  Required: true
  ?
data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length_prefix

  : content:
    application/yang-data+json:
      schema:
        Reference:
'/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length_prefix'

  Required: true

data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size

  content:
    application/yang-data+json:
      schema:
        Reference:
'/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size'

  Required: true
  ?
data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size-post

  : content:
    application/yang-data+json:
      schema:
        Reference:
'/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size-post'

  Required: true
  ?
data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_no-split

  : content:
    application/yang-data+json:

```

```

    schema:
      Reference:
      '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_no-split'

    Required: true
    ?
    data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_per-cache

    : content:
      application/yang-data+json:
        schema:
          Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_per-cache'

        Required: true
        ?
        data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_per-dp

        : content:
          application/yang-data+json:
            schema:
              Reference:
              '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_per-dp'

            Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold:

    content:
      application/yang-data+json:
        schema:
          Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold'

        Required: true
        ?
        data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold-post

        : content:
          application/yang-data+json:
            schema:
              Reference:
              '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold-post'

            Required: true
            ?
            data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold_upper-threshold

            : content:
              application/yang-data+json:
                schema:
                  Reference:
                  '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold_upper-threshold'

                Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges:

```

```

content:
  application/yang-data+json:
    schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges'

    Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges-post:

  content:
    application/yang-data+json:
      schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges-post'

        Required: true
      ?
      data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_cisco-tn-ipam_prefix-length

    : content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_cisco-tn-ipam_prefix-length'

          Required: true
        ?
        data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length

    : content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length'

          Required: true
        ?
        data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_length

    : content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_length'

          Required: true
        ?
        data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_offline

    : content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_offline'

          Required: true
        ?

```

```

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_prefix
: content:
  application/yang-data+json:
    schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_prefix'

      Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size
: content:
  application/yang-data+json:
    schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size'

      Required: true
?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size-post
: content:
  application/yang-data+json:
    schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size-post'

      Required: true
?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_no-split
: content:
  application/yang-data+json:
    schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_no-split'

      Required: true
?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-cache
: content:
  application/yang-data+json:
    schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-cache'

      Required: true
?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-dp
: content:
  application/yang-data+json:
    schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-dp'

```



**Required:** true

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_threshold**

**content:**

application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_threshold'

**Required:** true

?

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_threshold-post**

: content:

application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_threshold-post'

**Required:** true

?

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_threshold\_upper-threshold**

: content:

application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_threshold\_upper-threshold'

**Required:** true

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_offline:**

**content:**

application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_offline'

**Required:** true

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_pool-name:**

**content:**

application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_pool-name'

**Required:** true

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_vrf-name:**

**content:**

application/yang-data+json:

**schema:**

```

Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_vrf-name'

Required: true
data_cisco-cn-ipam_ipam_instance_instance-instance-id_instance-id:
content:
  application/yang-data+json:
    schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_instance-id'
      Required: true
data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-reserve:
content:
  application/yang-data+json:
    schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-reserve'
      Required: true
data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size:
content:
  application/yang-data+json:
    schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size'
      Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size-post:
content:
  application/yang-data+json:
    schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size-post'
      Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size_ipv4-addr:
content:
  application/yang-data+json:
    schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size_ipv4-addr'
      Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size_ipv6-addr:
content:
  application/yang-data+json:
    schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size_ipv6-addr'

```

**Required:** true

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_min-dp-addr-size\_ipv6-prefix:**

**content:**  
application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_min-dp-addr-size\_ipv6-prefix'

**Required:** true

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source:**

**content:**  
application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source'

**Required:** true

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source-post:**

**content:**  
application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source-post'

**Required:** true

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source\_external:**

**content:**  
application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source\_external'

**Required:** true

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source\_external-post:**

**content:**  
application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source\_external-post'

**Required:** true

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source\_external\_ipam:**

**content:**  
application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source\_external\_ipam'

**Required:** true

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source\_external\_ipam-post:**

```

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam-post'

    Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam_host:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam_host'

    Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam_port:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam_port'

    Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam_vendor:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam_vendor'

    Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_local:
    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_local'
    Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold:
    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold'
    Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold-post:
    content:
      application/yang-data+json:
        schema:
          Reference:

```

```
'#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold-post'  
  
  Required: true  
  data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold_ipv4-addr:  
  
    content:  
      application/yang-data+json:  
        schema:  
          Reference:  
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold_ipv4-addr'  
  
    Required: true  
    data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold_ipv6-addr:  
  
      content:  
        application/yang-data+json:  
          schema:  
            Reference:  
              '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold_ipv6-addr'  
  
    Required: true  
  
  data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold_ipv6-prefix:  
  
    content:  
      application/yang-data+json:  
        schema:  
          Reference:  
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold_ipv6-prefix'  
  
    Required: true  
  securitySchemes:  
    basicAuth:  
      Type: http  
      scheme: basic
```

