



# ipam

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## 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-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_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\_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-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}/reserve-c hunk-for-remote-site

```

get:

Tags:
- data
- get
Operation ID:

```

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_reserve\_chunk\_for\_remote\_site\_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_reserve-chunk-for-remote-site'

    "204":
      Description: No Content
      Content: {}
    "400":
      Description: 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_reserve_chunk_for_remote_site_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_reserve-chunk-for-remote-site'

    Required/Optional: true

  Responses:
    "201":
      Description: container reserve-chunk-for-remote-site 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: reserve-chunk-for-remote-site
  Method: Post

  Tags:
    - data
    - post
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance_instance_id_reserve_chunk_for_remote_site_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_reserve-chunk-for-remote-site-post'

Required/Optional: true

Responses:
  "201":
    Description: container reserve-chunk-for-remote-site 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: reserve-chunk-for-remote-site
delete:

Tags:
  - data
  - delete
Operation ID:
  data_cisco_cn_ipam_ipam_instance_instance_instance_id_reserve_chunk_for_remote_site_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_reserve_chunk_for_remote_site_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_reserve_chunk_for_remote_site_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\_reserve\_chunk\_for\_remote\_site\_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\_reserve-chunk-for-remote-site'

**Required/Optional:** true**Responses:****"204":****Description:** container reserve-chunk-for-remote-site 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: reserve-chunk-for-remote-site

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/reserve-c hunk-for-remote-site/enable

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_reserve\_chunk\_for\_remote\_site\_enable\_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\_reserve-chunk-for-remote-site\_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_reserve_chunk_for_remote_site_enable_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_reserve-chunk-for-remote-site_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_reserve_chunk_for_remote_site_enable_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_reserve_chunk_for_remote_site_enable_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_reserve_chunk_for_remote_site_enable_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\_reserve\_chunk\_for\_remote\_site\_enable\_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_reserve-chunk-for-remote-site_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

**options:**

**Tags:**

- data  
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_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: []

```

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

get:

**Tags:**

```

- data
- get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_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-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-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\_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-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_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\_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\_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-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-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-id\_address\_pool\_address-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-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_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\_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_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-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-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-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-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-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-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-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-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-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range/address-range-stat-address-range-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\_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
  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-entries"
    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\_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\_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-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-id/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:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-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/address-range-start-address/address-range-end-address/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-pool-name}/ipv4/address-range/address-range-start-address/address-range-end-address/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/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv4/address-range/address-range-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\_id\_address\_pool\_pool\_name\_ipv4\_address\_range\_start\_address\_address\_range\_end\_address\_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\_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_id_address_pool_address_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_id_address_pool_address_pool_name_ipv4_address_range_address_range_start_address_address_range_end_address_start_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}/ipv4/address-range={address-range-start-address},(address-range-end-address)/address-range~~  
: **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\_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/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-instance-id}/address-pool={address-pool-pool-name}/ipv4/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

**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:**

"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\_id\_address\_pool\_pool\_name\_ipv4\_address\_range\_start\_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

```



**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\_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\_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/structs/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

**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-start-address},{address-range-end-address}/offline  
 : 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\_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:

```

[%<com>nts/show/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range/stat-addr-addr-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\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_offset\_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:**

"/operations/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-offset"

**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_name_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-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-cisco-by-id}/cisco-by-id
: get:

Tags:
- data
- get
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-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
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query

```

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

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

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

**Responses:**

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

[%<div data-bbox="210 680 920 693" data-label="Text">

\[/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv4/address-range/stat/address-range-entries/cisco-iana-default-gw/\]\(#\)](#)

"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/address-range/statistics/addresses/addresses-discovery-and-fault-growth](#)

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**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-edges-cisco-log-ipam/default-gate](#)

**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-edges-cisco-log-ipam/default-gate/delete](#)

**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

```

**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}/address-range={address-range-pool-name}/ipv4/address-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:** 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-name}/ipv4/address-range={address-range-start-address}-address-range-end-address/ipv4/address-range

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

```

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** 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-instance-id}/address-pool={address-pool-name}/ipv4/address-range/address-range-start-address-range-end-address-range-by-jan-default-gateway-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/address-range-start-address/address-range-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\_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\_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-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_instance_id_address_pool_address_pool_pool_name_ipv4_prefix_range_prefix_range_prefix_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_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_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\_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-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":

```



```
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-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:prefix-range:prefix-range:prefix: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-id:address-pool:address-pool-pool-name:ipv4:prefix-range:prefix-range:prefix: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-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\_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\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_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\_ipv4\_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_pool_name_ipv4_prefix_range_prefix_range_prefix_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}/prefix-range-length={prefix-range-length}/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\_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:

"/comnets/streams/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range={prefix-range-prefix-range-length-length}put"

**"204":**  
**Description:** No Content  
**Content:** {}  
**"400":**  
**Description:** 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\_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}/ipv4/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\_pool\_name\_ipv4\_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\_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-instance-id}/address-pool={address-pool-pool-name}/ipv4/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/strings/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}/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_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},{prefix-range-length}/cisco:ipam~~**: 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\_range\_length\_cisco:ipam\_default\_get\_v1\_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}/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-range-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:**

```
%/content/stem/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-by-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/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\_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\_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/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-prefix-range-length}/discovery={ip-and-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-pool-name}/ipv4/prefix={prefix-prefix-name}/prefix-length={prefix-length}/description={description}/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/split-size

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_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-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-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\_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-instance-id_address-pool_address-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_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_id_address_pool_address_pool_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_id_address_pool_address_pool_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\_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\_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-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\_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_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_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\_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\_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\_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-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_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-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-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\_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\_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\_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\_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_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_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\_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-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-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-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\_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-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\_instance\_id\_address\_pool\_address\_pool\_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\_instance\_id\_address\_pool\_address\_pool\_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\_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-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-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-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\_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-instance-id\_address-pool\_address-pool-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-instance-id\_address-pool\_address-pool-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-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\_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-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\_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\_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\_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-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
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true

```



**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\_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

**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/paths/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv6/address-ranges/address-ranges/create-address-ranges
  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-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}

#### Parameters:

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**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}/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-range-end-address-range-end-address-range-end}/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}/ipv6/address-ranges/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-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_address_range_start_address_address_range_end_address_start_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:

```

```

#/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range-statistics

```

```

"204":
  Description: No Content
  Content: {}
"400":
  Description: 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/address-range-statistics-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:
        #/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/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}/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={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

**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}/address-range={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:**

[#/meta/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}](#)

**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-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-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:**  
 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:

```

```

#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 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-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-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:
          #/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-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-start-address},{address-range-end-address}/fire****: 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\_offset\_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/status/address-range-entries/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}/ipv6/address-ranges/address-range/status/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:**

#/components/schemas/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv6/address-ranges/address-range-start-address/ipv6/address-range-end-address/ipv6/address-range-description

**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-start-address/address-range-end-address/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}/ipv6/address-ranges={address-range-address-range-start-address-address-range-end-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-pool-name:ipv6:address-ranges: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/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range
```

**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_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-id/address-pool-address-pool-pool-name-ipv6-address-ranges-prefix-range-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-address-ranges-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-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-id/address-pool-address-pool-pool-name/ipv6/address-ranges/prefix-range/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/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range/prefix-range-length/prefix'

```

```

"204":
  Description: No Content
  Content: {}
"400":

```



```

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-id:address-pool-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_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_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_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\_pool\_name\_ipv6\_address\_ranges\_prefix\_range\_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/address-ranges/prefix-range={prefix-range-prefix}/prefix-range-length={prefix-range-length}/length
          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/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\_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:**

```
#!/usr/bin/perl -s /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/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-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/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-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:

```

```

%comets/2025/01/14/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:**

```

"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-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-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-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/address-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/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range/prefix-range-length/leaf 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-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range/prefix-range-length`

**Parameters:**

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

**Parameters:**

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

```
"/components/instances/cisco-cn-ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv6/address-ranges/prefix-range/prefix-range-length/online"
```

**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_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-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\_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-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_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-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\_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-dp**  
**: 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\_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-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_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-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\_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\_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_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_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\_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-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-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\_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\_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\_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\_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\_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-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_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-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\_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-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_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-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\_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-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\_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\_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:
          '#/operations/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'
    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-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\_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\_id\_address\_pool\_address\_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:

```

```

%comets/schema/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:**

```

"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-range-length/prefix-range-length  
 : 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\_prefix\_range\_length\_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}/ipv6/prefix-ranges/prefix-range/prefix-range/prefix-range-length/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/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

```

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

application/yang-data+json:

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

```

#components/schemas/cisco-cn-ipam:ipam:instance-instance-id:address-pool-pool-name-ipv6:prefix-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\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_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\_ipv6\_prefix\_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\_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\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_length\_prefix\_patch

**Parameters:**



```

    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_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/schemas/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

**Request Body:****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-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_ipv6_prefix_ranges_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\_range\_prefix\_range\_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-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-length`

**Parameters:**

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

`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:**

**"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}/file
: 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_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/paths/{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/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range/prefix-range-length/leaf-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_range_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\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_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\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_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\_ipv6\_prefix\_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:**

#/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\_range\_length\_offset\_patch

**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_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-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\_instance-id\_address\_pool\_address\_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_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\_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\_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\_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-name_ipv6_prefix-ranges_split-size_per-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\_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\_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\_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\_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\_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\_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\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_cp\_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\_per\_cp'

**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\_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\_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\_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\_cp\_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\_cp'

**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\_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-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-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_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_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\_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\_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-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\_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_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_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\_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-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-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_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_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\_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-brng-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\_brng\_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_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-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\_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_lng_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-instance-id_address_pool_address_pool-pool-name_ipv6_prefix-ranges_cisco-bng-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\_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-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\_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\_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-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\_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\_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-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_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_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\_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\_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\_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-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\_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\_id\_address\_pool\_address\_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}/address-pool={address-pool-pool-name}/cisco-bng-ipam:tags

get:

```

  Tags:
    - data
    - get
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance-instance-id_address_pool_address_pool-pool-name_cisco_bng_ipam_tags_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_cisco-bng-ipam_tags'

"204":
  Description: No Content
  Content: {}
"400":
  Description: 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\_cisco\_bng\_ipam\_tags\_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\_cisco-bng-ipam\_tags'

**Required/Optional:** true

**Responses:**

"201":

**Description:** container tags 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: tags
  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_tags_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_cisco-bng-ipam_tags-post'

  Required/Optional: true

  Responses:
  "201":
    Description: container tags 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: tags
delete:

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_name_cisco_bng_ipam_tags_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_cisco_bng_ipam_tags_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\_tags\_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\_tags\_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\_tags'

**Required/Optional:** true

**Responses:**

"204":  
 Description: container tags 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: tags
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:tags/cisco-bng-ipam:group
: get:

```

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_tags\_cisco\_bng\_ipam\_group\_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_tags_cisco-bng-ipam_group


```

**"204":**

```

    Description: No Content
    Content: {}
  "400":
    Description: 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_cisco_bng_ipam_tags_cisco_bng_ipam_group_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_cisco_bng_ipam_tags_cisco_bng_ipam_group'

```

```

Required/Optional: true

```

**Responses:**

"201":  
**Description:** leaf group 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:** group

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

- data  
 - delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_tags\_cisco\_bng\_ipam\_group\_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\_tags\_cisco\_bng\_ipam\_group\_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\_tags\_cisco\_bng\_ipam\_group\_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\_tags\_cisco\_bng\_ipam\_group\_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\_tags\_cisco\_bng\_ipam\_group'

**Required/Optional:** true

**Responses:**

"204":  
**Description:** leaf group 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:** group

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

**get:**

**Tags:**

- data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_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\_pool-priority'

**"204":**  
**Description:** No Content  
**Content:** {}  
**"400":**  
**Description:** 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\_pool\_priority\_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_pool-priority'

    Required/Optional: true

  Responses:
    "201":
      Description: container pool-priority 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-priority
  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_pool_priority_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_cisco-bng-ipam_pool-priority-post'
```

**Required/Optional:** true

**Responses:**

- "201":  
  - Description:** container pool-priority 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:** pool-priority
- delete:**

**Tags:**

- data
- delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_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\_pool\_priority\_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\_pool\_priority\_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\_pool\_priority\_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\_pool-priority'

**Required/Optional:** true

**Responses:**

- "204":  
  - Description:** container pool-priority 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-priority

?

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

: get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_cisco\_bng\_ipam\_priority\_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:pool-priority_cisco-bng-ipam:priority'

```

```

"204":
  Description: No Content
  Content: {}
"400":
  Description: 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_cisco_bng_ipam_pool_priority_cisco_bng_ipam_priority_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_cisco_bng_ipam_pool_priority_cisco_bng_ipam_priority'

```

```

Required/Optional: true

```

**Responses:**

```

"201":
  Description: leaf priority 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: priority
delete:

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_cisco\_bng\_ipam\_priority\_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\_pool\_priority\_cisco\_bng\_ipam\_priority\_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\_pool\_priority\_cisco\_bng\_ipam\_priority\_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\_pool\_priority\_cisco\_bng\_ipam\_priority\_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\_pool\_priority\_cisco\_bng\_ipam\_priority'

**Required/Optional:** true

**Responses:**

"204":

**Description:** leaf priority 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: priority
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:pool-priority/cisco-bng-ipam:chunkCount
: get:

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

```
"/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:pool-priority/cisco-bng-ipam:chunkCount"
```

"204":

```

    Description: No Content
    Content: {}
  "400":
    Description: 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_cisco_bng_ipam_pool_priority_cisco_bng_ipam_chunkCnt_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_cisco-bng-ipam_pool-priority_cisco-bng-ipam_chunkCnt"
```

```

Required/Optional: true

```

**Responses:**

"201":  
**Description:** leaf chunkCount 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:** chunkCount

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

- data  
 - delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_cisco\_bng\_ipam\_chunkCount\_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\_pool\_priority\_cisco\_bng\_ipam\_chunkCount\_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\_pool\_priority\_cisco\_bng\_ipam\_chunkCount\_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\_name\_cisco\_bng\_ipam\_pool\_priority\_cisco\_bng\_ipam\_chunkContent\_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\_name\_cisco\_bng\_ipam\_pool\_priority\_cisco\_bng\_ipam\_chunkContent'

**Required/Optional:** true

**Responses:**

"204":

**Description:** leaf chunkCount 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:** chunkCount

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

**get:**

**Tags:**

- data

- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_instance\_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_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-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-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-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-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

**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:**

"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-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-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-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-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-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  
 - 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-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-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:
```

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-pfx-threshold:

**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: {}

```

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-pfx-threshold:

```

    "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: {}
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 r-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\_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-add 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

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/end-addr

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

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

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** 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-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-start-addr}/offline

**get:**

**Tags:**  
 - data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_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-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-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-addr 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}/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 r-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_addr_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-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\_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:**

```

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

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr-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-start-addr}/pool

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_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 r-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:**

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr r-start-addr}/end-addr

```

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





**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** 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

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr-start-addr}/route

- 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-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-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 r-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}/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_addr_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\_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-prefi-refix-start-addr}/pool

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_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-prefix-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

```

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-prefix-start-addr}/end-addr

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

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

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** 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}/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-p refix-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-prefix-start-addr}/route

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

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_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-prefix-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-p refix-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-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-prefix-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-pref-start-addr}/native-peer-id

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_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-pref-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-pref-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-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_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
```

```
/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}
```

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: 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\_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_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-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-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\_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\_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

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/static

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-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-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-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-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-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-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\_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-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\_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\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_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:** 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_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_dp_name_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_alloc_addr_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  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

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

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

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}

- 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\_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\_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\_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
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: 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-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\_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-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\_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-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-star t-addr},{ipv6-addr-pool},{ipv6-addr-index}/peer-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\_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-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\_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_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-dp-name\_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\_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\_addr\_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-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-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_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_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
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: 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-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-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\_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\_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-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\_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\_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-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\_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_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\_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":

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/flag

**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

**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
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** 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-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-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-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-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-threshol d

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: {}
```

```
/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}
```

```
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}

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

```
/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}
```

```
- 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
    - 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  
   **Default:** report-all  
   **enum:**  
     - report-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-ad dr-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_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\_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
```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-ad dr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/alloc-id

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

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

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** 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}/alloc-id**

**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\_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\_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  
**Schema:**  
  **Type:** string  
  **Format:** string

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

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** 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}/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-ad  
dr-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_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\_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_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-ad dr-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
```

/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:** 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

```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-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-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\_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  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** 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-addr-list

: 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\_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:** 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-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_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:**  
  **Type:** string  
  **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** 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}**

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

**Default:** report-all  
**enum:**  
 - report-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_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\_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\_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-ad  
dr-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_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-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/route

**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\_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-addr-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\_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_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_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-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/flag

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\_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_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_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\_addrs\_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\_adbrs-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\_adbrs\_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
```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}

**Style:** form  
**Explode:** 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\_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\_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_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-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\_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_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

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}

- 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\_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\_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_ciscocnipamipam_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_cp-tag_cp-tag_cp-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_cp-tag_cp-tag_cp-tag_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_cp-tag_cp-tag_cp-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_cp-tag_cp-tag_cp-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_cp-tag_cp-tag_cp-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\_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\_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\_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-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-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_ciscocnipamipam_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-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-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-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-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-adbs-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\_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\_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\_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\_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-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-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_cisconipamipam_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_cisconipamipam_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\_pool-priority:**

```

Type: object
Properties:
  cisco-bng-ipam:pool-priority:
    Reference: '#/components/schemas/datapost_cisconipamipam_ciscobngipampoolpriority'

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-bng-ipam\_pool-priority-post:**

```

Type: object
Properties:
  cisco-bng-ipam:priority:
    Type: integer

```



```

        Description: (leaf)
        format: uint32
        x-yang:
          Type: leaf
      cisco-bng-ipam:chunkCount:
        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_pool-priority_cisco-bng-ipam_chunkCount
: type: object
  Properties:
    cisco-bng-ipam:chunkCount:
      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_pool-priority_cisco-bng-ipam_priority
: type: object
  Properties:
    cisco-bng-ipam:priority:
      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-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-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_tags:
  Type: object
  Properties:
    cisco-bng-ipam:tags:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_ciscobngipamtags'

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_tags-post:
  Type: object
  Properties:
    cisco-bng-ipam:group:
      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_tags_cisco-bng-ipam_group
: type: object
  Properties:
    cisco-bng-ipam:group:
      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\_ciscocnipamipam\_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-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-instance-id_address-pool_address-pool-pool-name_ipv4_address-range_address-range-start-address_address_range-end-address_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-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-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-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_cisco-cn-ipam-ipam_ipv4_prefixrange'
      x-yang:
        Type: list
    ?
data_cisco-cn-ipam_ipam_instance_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-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-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-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_cisconcipamipam_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-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-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-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:instance-instance-id:address-pool:address-pool-range-ipv6: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:instance-instance-id:address-pool:address-pool-range-ipv6: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:instance-instance-id:address-pool:address-pool-range-ipv6: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:instance-instance-id:address-pool:address-pool-range-ipv6:address-range:address-range-start-address:address-range-end-address:status-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_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-name_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-name_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-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-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\_cisco-cn-ipam-ipam-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\_cisco-cn-ipam-ipam-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\_cisco-cn-ipam-ipam-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-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-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-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-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-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-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-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-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-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-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-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-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-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-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-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-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-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-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-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-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\_reserve-chunk-for-remote-site:****Type:** object**Properties:****cisco-cn-ipam:reserve-chunk-for-remote-site:****Reference:** '#/components/schemas/datapost\_ciscocnipamipam\_reservechunkforremotesite'**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_reserve-chunk-for-remote-site-post:****Type:** object**Properties:****cisco-cn-ipam:enable:****Type:** string**Description:** (leaf)**format:** "[null]"**x-yang:****Type:** leaf**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_reserve-chunk-for-remote-site\_enable:****Type:** object**Properties:****cisco-cn-ipam:enable:****Type:** string**Description:** (leaf)**format:** "[null]"**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-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-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-instance-id\_threshold:**

```

Type: object
Properties:
  cisco-cn-ipam:threshold:
    Reference: '#/components/schemas/datapost_ciscocnipamipam_threshold'

```

**data\_cisco-cn-ipam\_ipam\_instance\_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-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-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-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-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-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-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-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-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-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-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_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_ciscocnipamipam_source_external:
  Type: object
  Properties:
    ipam:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_source_external_ipam'
  Description: (non-presence)
datapost_ciscocnipamipam_source:
  Type: object
  Properties:
    local:
      Type: string
      Description: (leaf)
      format: "[null]"
      x-yang:
        Type: leaf
    external:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_source_external'
  Description: (non-presence)
datapost_ciscocnipamipam_reservechunkforremotesite:

```

```
Type: object
Properties:
  enable:
    Type: string
    Description: (leaf)
    format: "[null]"
    x-yang:
      Type: leaf
  Description: (non-presence)
datapost_ciscocnipamipam_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_cisconipamipam_ipv4_addressrange'
  x-yang:
    Type: list
  prefix-range:
    Type: array
    Description: (list)
    Items:
      Reference: '#/components/schemas/datapost_cisconipamipam_ipv4_prefixrange'
      x-yang:
        Type: list
  split-size:
    Reference: '#/components/schemas/datapost_cisconipamipam_ipv4_splitsize'
  threshold:
    Reference: '#/components/schemas/datapost_cisconipamipam_ipv4_threshold'
  Description: (non-presence)
datapost_cisconipamipam_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_cisconipamipam_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_ciscobngipamtags:
  Type: object
  Properties:
    cisco-bng-ipam:group:
      Type: string
      Description: (leaf)
      format: string
      x-yang:
        Type: leaf
  Description: (non-presence)
datapost_ciscocnipamipam_ciscobngipampoolpriority:
  Type: object
  Properties:
    cisco-bng-ipam:priority:
      Type: integer
      Description: (leaf)
      format: uint32
      x-yang:
        Type: leaf
    cisco-bng-ipam:chunkCount:
      Type: integer
      Description: (leaf)
      format: uint32
      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'
  cisco-bng-ipam:tags:
    Reference: '#/components/schemas/datapost_cisconipamipam_ciscobngipamtags'
  cisco-bng-ipam:pool-priority:
    Reference: '#/components/schemas/datapost_cisconipamipam_ciscobngipampoolpriority'

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'
    reserve-chunk-for-remote-site:
      Reference: '#/components/schemas/datapost_ciscocnipamipam_reservechunkforremotesite'

  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_cisconipamipam_ipv4addr'
    x-yang:
      Type: list
  ipv6-addr:
    Type: array
    Description: (list)
    Items:
      Reference: '#/components/schemas/datapost_cisconipamipam_ipv4addr'
    x-yang:
      Type: list
  ipv6-prefix:
    Type: array
    Description: (list)
    Items:
      Reference: '#/components/schemas/datapost_cisconipamipam_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_dp_tag'
      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-instance-id_address-pool_address-pool-pool-name'

      Required: true

data_cisco-cn-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-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_address-quarantine-qsize'

      Required: true

data_cisco-cn-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-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_address-quarantine-timer'

      Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_pool-priority:

  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-brg-ipam_pool-priority'

      Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_pool-priority-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_cisco-brg-ipam_pool-priority-post'

      Required: true
?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_pool-priority_cisco-brg-ipam_chunkCnt

: 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-brg-ipam_pool-priority_cisco-brg-ipam_chunkCnt'

    Required: true
?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_pool-priority_cisco-brg-ipam_priority

```

```

: 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-pool-priority_cisco-brg-ipam-priority'

    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-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_tags:

  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_tags'

    Required: true

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-krng-ipam\_tags-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\_cisco-krng-ipam\_tags-post'

**Required:** true

?

data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-krng-ipam\_tags\_cisco-krng-ipam\_group

: 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-krng-ipam\_tags\_cisco-krng-ipam\_group'

**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-krng-ipam-default-gateway

: 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-krng-ipam-default-gateway'

```

    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'

    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-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'

    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_start-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_start-address'

    Required: true
    ?
    data_cisco-cn-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-cn-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-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_cisco-cn-ipam-default-gateway

    : 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_cisco-cn-ipam-default-gateway'

    Required: true
    ?
    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

    : 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: true
    ?
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

    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_offline'

    Required: true
    ?
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

    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-cp:

  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-cp'

    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-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6-post'

    Required: true

data_cisco-cr-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-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges'

      Required: true

data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges-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-post'

      Required: true
    ?
    data_cisco-cr-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

  : 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_address-range_address-range-start-address_address-range-end-address'

      Required: true
    ?
    data_cisco-cr-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_end-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_ipv6_address-ranges_address-range_address-range-start-address_address-range-end-address_end-address'

      Required: true
    ?
    data_cisco-cr-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_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_ipv6_address-ranges_address-range_address-range-start-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-start-address_address-range-end-address_start-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-start-address_address-range-end-address_start-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-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length'

      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_length

: 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_prefix-range-length_length'

      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_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_prefix-range_prefix-range-prefix_prefix-range-length_offline'

      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_prefix

: 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_prefix-range-length_prefix'

      Required: true

data_cisco-cn-ipam_ipam_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-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size'

```



**Required:** true

**data\_cisco-cn-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-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_split-size-post'

**Required:** true

?

**data\_cisco-cn-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-ch**

**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-ch'

**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-brg-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-brg-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-phi'

    Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-phi:

  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-phi'

    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_reserve-chunk-for-remote-site:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_reserve-chunk-for-remote-site'

    Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_reserve-chunk-for-remote-site-post:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_reserve-chunk-for-remote-site-post'

    Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_reserve-chunk-for-remote-site_enable:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_reserve-chunk-for-remote-site_enable'

```

```

    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
x-original-swagger-version: "2.0"
```

