



# ipam

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- [OpenAPI, on page 1](#)
- [Info, on page 1](#)
- [Servers, on page 1](#)
- [tags, on page 1](#)
- [Paths, on page 2](#)
- [Components, on page 543](#)

## OpenAPI

OpenAPI Version: 3.0.1

## Info

**Title:** cisco-cn-ipam

## 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:** post  
**Description:** post resources
- **Name:** patch  
**Description:** patch resources
- **Name:** put  
**Description:** put 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:** []

## /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: []

```

## /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

**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: []
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/source

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_source_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_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_source_put
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_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\_source\_post

**Request Body:**

**Content:**

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

**Schema:**

**Reference:** '#/components/schemas/data\_cisco-cn-ipam\_ipam\_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\_source\_delete

**Responses:**

**"204":**

**Description:** No Content

**Content:** {}

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data  
- patch

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

**Request Body:**

```

Content:
  application/yang-data+json:
    Schema:
      Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_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/source/local

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_source_local_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_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_source_local_put
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_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_source_local_delete

  Responses:
  "204":
    Description: No Content
    Content: {}
    security:
    - basicAuth: []
  patch:

  Tags:
  - data
  - patch
  Operation ID: data_cisco_cn_ipam_ipam_source_local_patch
  Request Body:
  Content:
  application/yang-data+json:
  Schema:
  Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_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/source/external

get:

**Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_source\_external\_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\_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\_source\_external\_put

**Request Body:**

**Content:**  
  **application/yang-data+json:**  
    **Schema:**  
      **Reference:** '#/components/schemas/data\_cisco-cn-ipam\_ipam\_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\_source\_external\_post

**Request Body:**

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

Responses:
  "204":
    Description: No Content
    Content: {}
  security:
  - basicAuth: []
patch:

Tags:
- data
- patch
Operation ID: data_cisco_cn_ipam_ipam_source_external_patch
Request Body:
  Content:
  application/yang-data+json:
    Schema:
      Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_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/source/external/ipam

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_source_external_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\_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\_source\_external\_ipam\_put

**Request Body:**

**Content:**

application/yang-data+json:

**Schema:**

**Reference:** '#/components/schemas/data\_cisco-cn-ipam\_ipam\_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\_source\_external\_ipam\_post

**Request Body:**

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_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_source_external_ipam_delete
```

**Responses:**

```

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

```

**security:**

```
- basicAuth: []
```

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

```
- data
- patch
```

```
Operation ID: data_cisco_cn_ipam_ipam_source_external_ipam_patch
```

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

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

**Schema:**

```
Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_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/source/external/ipam/host

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_source_external_ipam_host_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_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_source_external_ipam_host_put
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_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\_source\_external\_ipam\_host\_delete**Responses:****"204":****Description:** No Content**Content:** {}**security:**

- basicAuth: []

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

- data
- patch

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_source\_external\_ipam\_host\_patch**Request Body:****Content:****application/yang-data+json:****Schema:****Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_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/source/external/ipam/port

get:

**Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_source\_external\_ipam\_port\_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\_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\_source\_external\_ipam\_port\_put

**Request Body:**

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



**Reference:**

```
'#/components/schemas/data_cisco-cn-ipam_ipam_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_source_external_ipam_port_delete
```

**Responses:**

```
"204":
```

```
Description: No Content
```

```
Content: {}
```

**security:**

```
- basicAuth: []
```

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

```
- data  
- patch
```

```
Operation ID: data_cisco_cn_ipam_ipam_source_external_ipam_port_patch
```

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

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

```
Schema:
```

```
Reference:
```

```
'#/components/schemas/data_cisco-cn-ipam_ipam_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/source/external/ipam/vendor

get:

```
Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_source_external_ipam_vendor_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\_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_source_external_ipam_vendor_put
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_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_source_external_ipam_vendor_delete

    Responses:
      "204":
        Description: No Content
        Content: {}
      security:
        - basicAuth: []
patch:

    Tags:
      - data
      - patch
    Operation ID: data_cisco_cn_ipam_ipam_source_external_ipam_vendor_patch
    Request Body:
      Content:
        application/yang-data+json:
          Schema:
            Reference:
              '#/components/schemas/data_cisco_cn_ipam_ipam_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/address-pool: {}

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

get:

**Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_get

**Parameters:**

- **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_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\_address\_pool\_address\_pool\_pool\_name\_put

**Parameters:**

- **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\_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_address_pool_address_pool_pool_name_delete

Parameters:
- 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: []
patch:

Tags:
- data
- patch
Operation ID: data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_patch

Parameters:
- 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_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/address-pool={address-pool-pool-name}/pool-name

get:

Tags:

- data
- get

Operation ID: data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_pool\_name\_get

Parameters:

- 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\_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\_address\_pool\_address\_pool\_pool\_name\_pool\_name\_put

**Parameters:**

- **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_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_address_pool_address_pool_pool_name_pool_name_delete

  Parameters:
  - 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:** []

**patch:**

**Tags:**

- data  
- patch

**Operation ID:**

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

**Parameters:**

- **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\_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/address-pool={address-pool-pool-name}/address-quarantine-timer

get:

**Tags:**

```

- data
- get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_address\_quarantine\_timer\_get

**Parameters:**

```

- 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_address-pool_address-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_address_pool_address_pool_pool_name_address_quarantine_timer_put

  Parameters:
  - 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_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_address_pool_address_pool_pool_name_address_quarantine_timer_delete

Parameters:
- 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: []
patch:

Tags:
- data
- patch
Operation ID:
data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_address_quarantine_timer_patch

Parameters:
- 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_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/address-pool={address-pool-name}/offline

get:

**Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_offline\_get

**Parameters:**

- **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_address-pool_address-pool-pool-name_offline'
```

```
"204":
```

```
  Description: No Content
```

```
  Content: {}
```

```
"400":
```

```
  Description: Bad Request
```

```
  Content: {}
```

```
"401":
```

```
  Description: Unauthorized
```

```
  Content: {}
```

```
"404":
```

```
  Description: Not Found
```

```
  Content: {}
```

```
"405":
```

```
  Description: Method Not Allowed
```

```
  Content: {}
```

```
"409":
```

```
  Description: Conflict
```

```
  Content: {}
```

```
security:
```

```
- basicAuth: []
```

```
put:
```

```
Tags:
```

```
- data
```

```
- put
```

```
Operation ID: data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_offline_put
```

```
Parameters:
```

```
- 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_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_address_pool_address_pool_pool_name_offline_delete

Parameters:
- 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: []
patch:

Tags:
- data
- patch
Operation ID: data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_offline_patch

Parameters:
- 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_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/address-pool={address-pool-pool-name}/vrf-name

get:

Tags:

- data
- get

Operation ID: data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_vrf\_name\_get

Parameters:

- 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\_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\_address\_pool\_address\_pool\_pool\_name\_vrf\_name\_put

**Parameters:**

- **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_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_address_pool_address_pool_pool_name_vrf_name_delete

  Parameters:
    - 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: []
patch:

Tags:
- data
- patch
Operation ID:
data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_vrf_name_patch

Parameters:
- 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_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/address-pool={address-pool-pool-name}/ipv4

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv4\_get

**Parameters:**

```
- 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_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_address_pool_address_pool_pool_name_ipv4_put

    Parameters:
      - 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_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_address_pool_address_pool_pool_name_ipv4_post

Parameters:
- 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_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\_address\_pool\_address\_pool\_pool\_name\_ipv4\_delete

**Parameters:**

- **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:** []

**patch:**

**Tags:**

- data
- patch

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv4\_patch

**Parameters:**

- **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\_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/address-pool={address-pool-pool-name}/ipv4/address-range: {}

```

?
/data/cisco-cn-ipam:ipam/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_address_pool_address_pool_pool_name_ipv4_address_range_address_range_start_address_address_range_end_address_get

  Parameters:
  - 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\_address\_pool\_address\_pool\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address'

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

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

**put:**

**Tags:**

- data  
 - put

**Operation ID:**

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

**Parameters:**

- **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/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address'
```

```
Required/Optional: true
```

**Responses:**

```
"201":
```

```
  Description: list address-range created or replaced
```

```

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

```

**Tags:**

- data
- delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_delete

**Parameters:**

- **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:** []**patch:****Tags:**

- data  
 - patch

**Operation ID:**

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

**Parameters:**

- **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_address_pool_address_pool_pool_name_ipv4_address_range_address_range_start_address_address_range_end_address'
```

**Required/Optional:** true

**Responses:**

"204":  
**Description:** list address-range updated  
**Content:** {}

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

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

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

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

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

**security:**

- **basicAuth:** []

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

?

**/data/cisco-cn-ipam:ipam/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\_address\_pool\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_start\_address\_get

**Parameters:**

- **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:**

"/comments/schemas/data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_start\_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\_address\_pool\_address\_pool\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_start\_address\_put

**Parameters:**

- **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/address-pool={address-pool-pool-name}/ipv4/address-range={address-range-start-address}_{address-range-end-address}_start-address'

```

```

Required/Optional: true

```

**Responses:**

```

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

```

**security:**

```

- basicAuth: []

```

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

**Tags:**

- data
- delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_start\_address\_delete

**Parameters:**

- **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:** []

**patch:**

**Tags:**

- data
- patch

**Operation ID:**

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

**Parameters:**

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

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_end\_address\_get

**Parameters:**

- **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/address-pool/address-pool-pool-name/ipv4/address-range/address-range-start-address/address-range-end-address-end-address'

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

```

"400":
  Description: Bad Request
  Content: {}
"401":
  Description: Unauthorized
  Content: {}
"404":
  Description: Not Found
  Content: {}
"405":
  Description: Method Not Allowed
  Content: {}
"409":
  Description: Conflict
  Content: {}

```

**security:**

```
- basicAuth: []
```

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

```
- data
- put
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv4_address_range_address_range_start_address_address_range_end_address_end_address_put
```

**Parameters:**

```

- 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:
```

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

```

    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data-cisco-cn-ipam:ipam:address-pool:address-pool-pool-name-ipv4:address-range:address-range-start-address:address-range-end-address: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_address_pool_address_pool_pool_name_ipv4_address_range_address_range_start_address_address_range_end_address_end_address_delete

  Parameters:
    - 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:** []**patch:****Tags:**

```

- data
- patch

```

**Operation ID:**

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

**Parameters:**

```

- 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

```

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

```

    Format: string
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv4_address_range_address_range_start_address_address_range_end_address_end_address'

    Required/Optional: true

  Responses:
    "204":
      Description: leaf end-address updated
      Content: {}
    "400":
      Description: Bad Request
      Content: {}
    "401":
      Description: Unauthorized
      Content: {}
    "404":
      Description: Not Found
      Content: {}
    "405":
      Description: Method Not Allowed
      Content: {}
    "409":
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  x-codegen-request-body-name: end-address
?
/data/cisco-cn-ipam:ipam/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_address_pool_address_pool_pool_name_ipv4_address_range_address_range_start_address_address_range_end_address_offline_get

  Parameters:
  - 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/address-pool/address-pool-pool-name-ipv4/address-range/address-range-start-address-address-range-end-address_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\_address\_pool\_address\_pool\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_offline\_put

**Parameters:**

- **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\_address\_pool\_address\_pool\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_offline"

**Required/Optional:** true

**Responses:**

"201":

**Description:** leaf offline created or replaced

**Content:** {}

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

```

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

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv4_address_range_address_range_start_address_address_range_end_address_offline_delete

Parameters:
- 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: []
patch:

```

**Tags:**

- data
- patch

**Operation ID:**

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

**Parameters:**

- **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\_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 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/address-pool={address-pool-pool-name}/ipv4/split-size

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_get

**Parameters:**

- **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_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_address_pool_address_pool_pool_name_ipv4_split_size_put

Parameters:
- 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_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_address_pool_address_pool_pool_name_ipv4_split_size_post

Parameters:
- 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_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_address_pool_address_pool_pool_name_ipv4_split_size_delete

Parameters:
- 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: []
patch:

Tags:
- data
- patch
Operation ID:
data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv4_split_size_patch

Parameters:
- 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_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/address-pool={address-pool-pool-name}/ipv4/split-size

**get:**

**Tags:**

- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_per\_cache\_get

**Parameters:**

- **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_address-pool_address-pool-pool-name_ipv4_split-size_per-cache'

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

  Tags:
  - data
  - put
  Operation ID:
  data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv4_split_size_per_cache_put

  Parameters:
  - 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_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\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_per\_cache\_delete

**Parameters:**

- **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:** []

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



- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_per\_cache\_patch

**Parameters:**

- **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\_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/address-pool={address-pool-pool-name}/ipv4/split-size

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_per\_dp\_get

**Parameters:**

- **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_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_address_pool_address_pool_pool_name_ipv4_split_size_per_dp_put

```

**Parameters:**

- **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\_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\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_per\_dp\_delete

**Parameters:**

```

- 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: []
patch:

Tags:
- data
- patch
Operation ID:
data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv4_split_size_per_dp_patch

Parameters:
- 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_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/address-pool={address-pool-pool-name}/ipv4/split-size/n

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_no\_split\_get

**Parameters:**

- **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_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_address_pool_address_pool_pool_name_ipv4_split_size_no_split_put

  Parameters:
  - 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_address-pool_address-pool-pool-name_ipv4_split-size_no-split'

    Required/Optional: true

  Responses:
    "201":
      Description: leaf no-split created or replaced
      Content: {}
    "204":
      Description: No Content
      Content: {}
    "400":
      Description: Bad Request
      Content: {}
    "401":
      Description: Unauthorized
      Content: {}
    "404":
      Description: Not Found
      Content: {}

```



```

    "405":
      Description: Method Not Allowed
      Content: {}
    "409":
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: no-split
delete:

  Tags:
  - data
  - delete
  Operation ID:
data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv4_split_size_no_split_delete

Parameters:
- 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: []
patch:

  Tags:
  - data
  - patch
  Operation ID:
data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv4_split_size_no_split_patch

Parameters:
- 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_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/address-pool={address-pool-pool-name}/ipv4/threshold

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

- data

- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv4\_threshold\_get

**Parameters:**

- **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\_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\_address-pool\_address-pool-pool-name\_ipv4\_threshold\_put

**Parameters:****- 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\_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\_address\_pool\_address\_pool\_pool\_name\_ipv4\_threshold\_post

**Parameters:**

- **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\_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_address_pool_address_pool_pool_name_ipv4_threshold_delete
```

**Parameters:**

```
- 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: []
```

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

```
- data
```

```

- patch
Operation ID:
data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv4_threshold_patch

Parameters:
- 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_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/address-pool={address-pool-pool-name}/ipv4/threshold

get:

```

Tags:
- data
- get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv4\_threshold\_upper\_threshold\_get

**Parameters:**

- **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_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_address_pool_address_pool_pool_name_ipv4_threshold_upper_threshold_put

```

**Parameters:**

- **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\_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\_address\_pool\_address\_pool\_pool\_name\_ipv4\_threshold\_upper\_threshold\_delete

**Parameters:**

- **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:** []

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

- data  
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv4\_threshold\_upper\_threshold\_patch

**Parameters:**

- **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\_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/address-pool={address-pool-pool-name}/ipv6

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv6_get

Parameters:
- 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_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_address_pool_address_pool_pool_name_ipv6_put

Parameters:
- 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_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_address_pool_address_pool_pool_name_ipv6_post

Parameters:
- 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_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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_delete

**Parameters:**  
 - **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:** []  
**patch:**

**Tags:**  
 - data  
 - patch  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_patch

**Parameters:**  
 - **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\_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/address-pool={address-pool-pool-name}/ipv6/address-ranges

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_get

**Parameters:**

- **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_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_address_pool_address_pool_pool_name_ipv6_address_ranges_put
```

```
Parameters:
```

```
- 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_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_address_pool_address_pool_pool_name_ipv6_address_ranges_post

Parameters:
- 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_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_address_pool_address_pool_pool_name_ipv6_address_ranges_delete

  Parameters:
  - 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: []
patch:

  Tags:
  - data
  - patch
  Operation ID:
data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv6_address_ranges_patch

  Parameters:
  - Name: address-pool-pool-name

```

```
/data/cisco-cn-ipam:ipam/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range: {}
```

```

    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_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/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range: {}
```

```

?
/data/cisco-cn-ipam:ipam/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_address_pool_address_pool_pool_name_ipv6_address_ranges_address_range_address_range_start_address_address_range_end_address_get

```

**Parameters:**

- **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:address-pool:address-pool-pool-name:ipv6:address-ranges:address-range:address-range-start-address:address-range-end-address'

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

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

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

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



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

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

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

**put:**

**Tags:**

- data  
- put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_name\_ipv6\_address\_ranges\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_put

**Parameters:**

- **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:**

```
/data/cisco-cn-ipam:ipam/address-pool={address-pool-name}/ipv6/address-ranges/address-range: {}
```

```

- 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_address_pool_address_pool_pool_name_ipv6_address_ranges_address_range_address_range_start_address_address_range_end_address'
```

```
Required/Optional: true
```

**Responses:**

```

"201":
  Description: list address-range created or replaced
  Content: {}
"204":
  Description: No Content
  Content: {}
"400":
  Description: Bad Request
  Content: {}
"401":
  Description: Unauthorized
  Content: {}
"404":
  Description: Not Found
  Content: {}
"405":
  Description: Method Not Allowed
  Content: {}
"409":
  Description: Conflict
  Content: {}

```

**security:**

```
- basicAuth: []
```

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

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

```
- data
- delete
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv6_address_ranges_address_range_address_range_start_address_address_range_end_address_delete
```

**Parameters:**

- **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:** []

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

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_patch

**Parameters:**

- **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/address-pool={address-pool-name}/ipv6/address-ranges/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/address-pool={address-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}_{address-range-end-address}/start-address
: get:

  Tags:
  - data
  - get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_start\_address\_get

**Parameters:**

- **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/address-pool={address-pool-name}/ipv6/address-ranges/address-range={address-range}/address-start-address={address-start-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_address_pool_address_pool_pool_name_ipv6_address_ranges_address_range_address_range_start_address_address_range_end_address_start_address_put
```

**Parameters:**

```

- 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:**

```
"/contexts/streams/data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv6_address_ranges_address_range_address_range_start_address_address_range_end_address_start_address"
```

```

  Required/Optional: true

```

**Responses:**

```

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

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv6_address_ranges_address_range_address_range_start_address_address_range_end_address_start_address_delete

```

**Parameters:**

```

- 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:** []

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

- data  
 - patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_start\_address\_patch

**Parameters:**

- **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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_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/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address},{address-range-end-address}/end-address~~

**get:**

**Tags:**

- data

- get

**Operation ID:**

~~data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_end\_address\_get~~

**Parameters:**

- **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:address-pool-address-pool-pool-name-ipv6-address-ranges-address-range-address-range-start-address-address-range-end-address-end-address'

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

**security:**  
  - **basicAuth:** []

**put:**

**Tags:**  
  - data  
  - put

**Operation ID:**

data-cisco-cn-ipam:ipam:address-pool-address-pool-pool-name-ipv6-address-ranges-address-range-address-range-start-address-address-range-end-address-end-address-put

**Parameters:**

- **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:address-pool={address-pool-pool-name}/ipv6/address-ranges/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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_end\_address\_delete

**Parameters:**

- **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:** []

**patch:**

**Tags:**  
 - data  
 - patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_end\_address\_patch

**Parameters:**

- **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:address-pool-pool-name-ipv6-address-ranges-address-range-address-range-start-address-address-range-end-address-end-address

```

**Required/Optional:** true**Responses:****"204":****Description:** leaf end-address updated**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}

```
/data/cisco-cn-ipam:ipam/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range: {}
```

```
security:
- basicAuth: []
x-codegen-request-body-name: end-address
```

?

```
/data/cisco-cn-ipam:ipam/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address},{address-range-end-address}/offline
: get:
```

**Tags:**

```
- data
- get
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv6_address_ranges_address_range_address_range_start_address_address_range_end_address_offline_get
```

**Parameters:**

- **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:**

```

#comments/stanzas/data/cisco-cn-ipam:ipam/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range: {}

```

**"204":**

**Description:** No Content  
**Content:** {}  
**"400":**  
**Description:** 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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_offline\_put

**Parameters:**

- **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:**

```

#comments/stanzas/data-cisco-cn-ipam:ipam:address-pool:address-pool-pool-name:ipv6:address-ranges:address-range:address-range-start-address:address-range-end-address:offline

```

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

- data
- delete

**Operation ID:**

```

data-cisco-cn-ipam:ipam:address-pool:address-pool-pool-name:ipv6:address-ranges:address-range:address-range-start-address:address-range-end-address:offline:delete

```

**Parameters:**- **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: []
  patch:

  Tags:
  - data
  - patch
  Operation ID:
  data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv6_address_ranges_address_range_address_range_start_address_address_range_end_address_offline_patch

```

```

Parameters:
  - 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/address-pool/address-pool-pool-name-ipv6/address-ranges/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/address-pool={address-pool-pool-name}/ipv6/address-

```

get:

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_get

Parameters:
- 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\_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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_put

**Parameters:**

- **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_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_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_post

  Parameters:
    - 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\_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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_delete

**Parameters:**- **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:** []**patch:****Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_patch

**Parameters:****- 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\_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/address-pool={address-pool-pool-name}/ipv6/address-

get:

**Tags:**

```
- data
- get
```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_per\_cache\_get

**Parameters:**

```
- 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\_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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_per\_cache\_put

**Parameters:**  
 - **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\_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_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_cache_delete
```

**Parameters:**

```

- 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: []

```

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

```

- data
- patch

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_cache_patch
```

**Parameters:**

```

- 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_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/address-pool={address-pool-pool-name}/ipv6/address-****get:****Tags:**

```

- data
- get

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_dp_get
```

**Parameters:**

```

- 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_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_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_dp_put

  Parameters:
  - 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_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_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_dp_delete

Parameters:
- 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: []
patch:

Tags:
- data
- patch

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_per\_dp\_patch

**Parameters:**- **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\_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/address-pool={address-pool-pool-name}/ipv6/address-****get:****Tags:**

- data

- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_no\_split\_get

**Parameters:**

- **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_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_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_no_split_put

```

**Parameters:**

- **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\_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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_no\_split\_delete

**Parameters:**

- **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:** []

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

- data  
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_split\_size\_no\_split\_patch

**Parameters:**

- **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\_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/address-pool={address-pool-pool-name}/ipv6/address-ra

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_threshold\_get

**Parameters:**

- **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_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_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_put

```

**Parameters:**

```

- 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_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_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_post

Parameters:
- 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_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_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_delete

```

**Parameters:**

```

- 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: []

```

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

```

- data
- patch

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_patch

```

**Parameters:**

```

- 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_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/address-pool={address-pool-pool-name}/ipv6/address-ranges/threshold/upper-threshold

get:

```

  Tags:
    - data
    - get
  Operation ID:
    data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_upper_threshold_get

  Parameters:
    - 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_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_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_upper_threshold_put
```

**Parameters:**

```

- 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\_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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_address\_ranges\_threshold\_upper\_threshold\_delete

**Parameters:**

- **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: []
  patch:

  Tags:
  - data
  - patch
  Operation ID:
  data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_upper_threshold_patch

  Parameters:
  - 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_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/address-pool={address-pool-pool-name}/ipv6/prefix-rang

get:

**Tags:**

```
- data
- get
```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_get

**Parameters:**

```
- 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_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_address_pool_address_pool_pool_name_ipv6_prefix_ranges_put

  Parameters:
  - 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_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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_post

**Parameters:**

- **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\_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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_delete

**Parameters:**

- **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:** []

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

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_patch

**Parameters:**

- **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\_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/address-pool={address-pool-pool-name}/ipv6/prefix-range: {}**

```

?
/data/cisco-cn-ipam:ipam/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_address_pool_address_pool_pool_name_ipv6_prefix_ranges_prefix_range_prefix_range_prefix_prefix_range_length_get

```

```

Parameters:
- 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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_length\_put

**Parameters:**

- **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_address-pool_address-pool-pool-name_ipv6_prefix-ranges_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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_delete

**Parameters:**

- **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:** []

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

- data  
 - patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_patch

**Parameters:**

- **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_address_pool_address_pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length'
```

**Required/Optional:** true

**Responses:**

"204":

**Description:** list prefix-range updated

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

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

?

```
/data/cisco-cn-ipam:ipam/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range={prefix-range-prefix},{prefix-range-length}/prefix-range: get:
```

**Tags:**

- data

- get

**Operation ID:**

```
data_cisco_cn_ipam_ipam_address_pool_address_pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_prefix-range-get
```

**Parameters:**

- **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:**

#!/comments/schemas/data\_cisco-cn-ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_prefix\_put

**Parameters:**

- **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_address-pool_address-pool-pool-range_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_prefix\_delete

**Parameters:**

- **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:** []

**patch:**

**Tags:**  
 - data  
 - patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_prefix\_patch

**Parameters:**

- **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-address-pool-address-pool-pool-name-ipv6-prefix-ranges-prefix-range-prefix-range-prefix-range-length-prefix"

**Required/Optional:** true

**Responses:**

- "204":  
**Description:** leaf prefix updated  
**Content:** {}
- "400":  
**Description:** Bad Request  
**Content:** {}
- "401":  
**Description:** Unauthorized  
**Content:** {}
- "404":  
**Description:** Not Found  
**Content:** {}
- "405":  
**Description:** Method Not Allowed  
**Content:** {}
- "409":

```

    Description: Conflict
    Content: {}
security:
  - basicAuth: []
x-codegen-request-body-name: prefix
?
/data/cisco-cn-ipam:ipam/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\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_length\_get

**Parameters:**

- **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:**

```
#!/comments/schemas/data-cisco-cn-ipam:ipam-address-pool-address-pool-name-ipv6-prefix-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_address_pool_address_pool_pool_name_ipv6_prefix_ranges_prefix_range_prefix_range_prefix_prefix_range_length_length_put

```

**Parameters:**

- **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_address_pool_address_pool_pool_range_ipv6_prefix_ranges_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_address_pool_address_pool_pool_range_ipv6_prefix_ranges_prefix_range_prefix_range_prefix_range_length_length_delete

Parameters:
- 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: []
```

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

```
- data
- patch
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv6_prefix_ranges_prefix_range_prefix_range_prefix_prefix_range_length_length_patch
```

**Parameters:**

```

- 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_address_pool_address_pool_pool_name_ipv6_prefix_ranges_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/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range={prefix-range-prefix},{prefix-range-length}/offline
: get:

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv6_prefix_ranges_prefix_range_prefix_range_prefix_prefix_range_length_offline_get

Parameters:
- 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\_address-pool\_address-pool-name\_ipv6\_prefix-ranges\_prefix-range\_prefix-range-prefix-range-length\_offline'

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

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

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

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

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

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

**security:**

- **basicAuth:** []

**put:**

**Tags:**

- data
- put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_offline\_put

**Parameters:**

- **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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_offline'

**Required/Optional:** true

**Responses:**

**"201":**

**Description:** leaf offline created or replaced

**Content:** {}

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

```

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

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_length\_offline\_delete

**Parameters:**

```

- 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: []
patch:

```

```

Tags:
- data
- patch

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_prefix\_range\_length\_offline\_patch

**Parameters:**

```

- 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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_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/address-pool={address-pool-pool-name}/ipv6/prefix-rang

### get:

#### Tags:

- data
- get

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_get

#### Parameters:

- **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\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_split-size'

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

```

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

  Tags:
  - data
  - put
  Operation ID:
  data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_put

```

**Parameters:**

```

- 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_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_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_post

Parameters:
- 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_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_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_delete

```

```

Parameters:
- 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: []
patch:

  Tags:
  - data
  - patch
  Operation ID:
data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_patch

```

```

Parameters:
- 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_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/address-pool={address-pool-pool-name}/ipv6/prefix-ra

```

get:

  Tags:
  - data
  - get

  Operation ID:
  data_cisco_cn_ipam_ipam_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_per_cache_get

  Parameters:
  - 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\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_split-size\_per-cache'

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

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

**put:**

**Tags:**

- data  
 - put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_cache\_put

**Parameters:**

- **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_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_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_per_cache_delete

  Parameters:
    - 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:** []

**patch:**

**Tags:**

- data  
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_cache\_patch

**Parameters:**

- **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\_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/address-pool={address-pool-pool-name}/ipv6/prefix-rang

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_dp\_get

**Parameters:**

- **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_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_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_per_dp_put

Parameters:
- 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_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-dp'

Required/Optional: true

Responses:
"201":
  Description: leaf per-dp created or replaced
  Content: {}
"204":
  Description: No Content
  Content: {}
"400":
  Description: Bad Request
  Content: {}
"401":
  Description: Unauthorized
  Content: {}
"404":
  Description: Not Found
  Content: {}
"405":
  Description: Method Not Allowed
  Content: {}
"409":

```

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

**Tags:**  
 - data  
 - delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_dp\_delete

**Parameters:**

- **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:** []

**patch:**

**Tags:**  
 - data  
 - patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_dp\_patch

**Parameters:**

- **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\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_split-size\_per-dp'

**Required/Optional:** true

**Responses:**

"204":  
**Description:** leaf per-dp updated  
**Content:** {}

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

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

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

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

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

**security:**  
- **basicAuth:** []  
**x-codegen-request-body-name:** per-dp

## /data/cisco-cn-ipam:ipam/address-pool={address-pool-pool-name}/ipv6/prefix-rang

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_no\_split\_get

**Parameters:**

- **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_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_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_no_split_put

  Parameters:
  - 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_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_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_no_split_delete
```

**Parameters:**

```
- 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: []
```

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

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_no\_split\_patch

**Parameters:**

- **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\_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/address-pool={address-pool-pool-name}/ipv6/prefix-rang****get:****Tags:**



- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_get

**Parameters:**

- **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\_address-pool\_address-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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_put

**Parameters:**- **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\_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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_post

**Parameters:**

- **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\_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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_delete

**Parameters:**

- **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:** []

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

- data  
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_patch

**Parameters:**

- **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\_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/address-pool={address-pool-pool-name}/ipv6/prefix-rang

### get:

#### Tags:

- data
- get

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_upper\_threshold\_get

#### Parameters:

- **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_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_address_pool_address_pool_pool_name_ipv6_prefix_ranges_threshold_upper_threshold_put

```

**Parameters:**

```

- 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_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\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_upper\_threshold\_delete

**Parameters:**

- **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: []

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

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_upper\_threshold\_patch

**Parameters:**

- **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_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/threshold

get:

```

  Tags:
    - data
    - get
  Operation ID: data_cisco_cn_ipam_ipam_threshold_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_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_threshold_put
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_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_threshold_post
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_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\_threshold\_delete

**Responses:**

"204":

**Description:** No Content

**Content:** {}

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data  
- patch

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_threshold\_patch

**Request Body:**

**Content:**

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

**Schema:**

**Reference:** '#/components/schemas/data\_cisco-cn-ipam\_ipam\_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/threshold/ipv4-addr

**get:**

**Tags:**

- data  
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_threshold\_ipv4\_addr\_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\_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\_threshold\_ipv4\_addr\_put

**Request Body:**

**Content:**  
 application/yang-data+json:  
 Schema:  
**Reference:** '#/components/schemas/data\_cisco-cn-ipam\_ipam\_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_threshold_ipv4_addr_delete

Responses:
  "204":
    Description: No Content
    Content: {}
security:
- basicAuth: []
patch:

Tags:
- data
- patch
Operation ID: data_cisco_cn_ipam_ipam_threshold_ipv4_addr_patch
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_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/threshold/ipv6-addr

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_threshold_ipv6_addr_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\_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_threshold_ipv6_addr_put
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_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_threshold_ipv6_addr_delete

```

**Responses:**  
"204":  
  **Description:** No Content  
  **Content:** {}  
**security:**  
- **basicAuth:** []  
**patch:**

**Tags:**  
- data  
- patch  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_threshold\_ipv6\_addr\_patch  
**Request Body:**  
**Content:**  
  **application/yang-data+json:**  
    **Schema:**  
      **Reference:** '#/components/schemas/data\_cisco-cn-ipam\_ipam\_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/threshold/ipv6-prefix

**get:**

**Tags:**  
- data  
- get  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_threshold\_ipv6\_prefix\_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\_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\_threshold\_ipv6\_prefix\_put

**Request Body:**

**Content:**

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

**Schema:**

**Reference:** '#/components/schemas/data\_cisco-cn-ipam\_ipam\_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_threshold_ipv6_prefix_delete

Responses:
  "204":
    Description: No Content
    Content: {}
security:
- basicAuth: []
patch:

Tags:
- data
- patch
Operation ID: data_cisco_cn_ipam_ipam_threshold_ipv6_prefix_patch
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_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/min-dp-addr-size

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_min_dp_addr_size_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_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_min_dp_addr_size_put
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_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_min_dp_addr_size_post
Request Body:
```

**Content:**  
**application/yang-data+json:**  
**Schema:**  
**Reference:** '#/components/schemas/data\_cisco-cn-ipam\_ipam\_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\_min\_dp\_addr\_size\_delete

**Responses:**

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

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data  
- patch

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_min\_dp\_addr\_size\_patch

**Request Body:**

**Content:**

```

    application/yang-data+json:
      Schema:
        Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_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/min-dp-addr-size/ipv4-addr

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

```
- data
- get
```

```
Operation ID: data_cisco_cn_ipam_ipam_min_dp_addr_size_ipv4_addr_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\_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_min_dp_addr_size_ipv4_addr_put
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_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_min_dp_addr_size_ipv4_addr_delete

Responses:
  "204":
    Description: No Content
    Content: {}
security:
  - basicAuth: []
patch:

Tags:
- data
- patch
Operation ID: data_cisco_cn_ipam_ipam_min_dp_addr_size_ipv4_addr_patch
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_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/min-dp-addr-size/ipv6-addr

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_min\_dp\_addr\_size\_ipv6\_addr\_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_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_min_dp_addr_size_ipv6_addr_put

```

```

Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_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_min_dp_addr_size_ipv6_addr_delete

Responses:
  "204":
    Description: No Content
    Content: {}
security:
- basicAuth: []
patch:

Tags:
- data
- patch
Operation ID: data_cisco_cn_ipam_ipam_min_dp_addr_size_ipv6_addr_patch
Request Body:

```

```

Content:
  application/yang-data+json:
    Schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_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/min-dp-addr-size/ipv6-prefix

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_min_dp_addr_size_ipv6_prefix_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_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_min_dp_addr_size_ipv6_prefix_put
  Request Body:
  Content:
  application/yang-data+json:
  Schema:
  Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_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_min_dp_addr_size_ipv6_prefix_delete

  Responses:
  "204":
    Description: No Content
    Content: {}
  security:
  - basicAuth: []
patch:

  Tags:
  - data
  - patch
  Operation ID: data_cisco_cn_ipam_ipam_min_dp_addr_size_ipv6_prefix_patch
  Request Body:
  Content:
  application/yang-data+json:
  Schema:
  Reference:
  '#/components/schemas/data_cisco_cn_ipam_ipam_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: []
```

**/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: []

```

## /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: []

```

## /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: []

```

## /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: []

```

## /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: []

```

## /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: []

```

## /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: []

```

## /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: []

```

## /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: []

```

## /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: []

```

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

get:

**Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_pfx\_threshold\_get

**Parameters:**

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

```

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

Responses:
  "200":
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-pfx-threshold'
  "204":
    Description: No Content
    Content: {}
  "400":
    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []

```

## /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: []

```

## /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: []

```

## /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: []

```

**/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-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:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-start-addr}/s

**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":

```

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

```

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

```

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

```
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: []
```

**/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-start-addr}/i****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:**

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

- report-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: []

**/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-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:** []

**/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-start-addr}/****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: []

```

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

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: []

```

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

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: []

```

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

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_offline\_get

**Parameters:**

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

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

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

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

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

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



- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_offline'

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

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

**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:** []

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

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_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:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-start-addr}/f

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: []

```

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

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: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-start-addr}/addr-alloc-thrs

### get:

#### Tags:

- data
- get

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_addr\_alloc\_thrs\_get

#### Parameters:

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false

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

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

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_addr-alloc-thrs'

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**- **basicAuth:** []**/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-start-addr}/a****get:****Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_alloc\_addrs\_list\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path

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

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

**Responses:**

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

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_alloc-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:** []

**/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:** []

## /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: []
```

## /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\_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: []

```

## /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_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: []

```

## /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_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: []

```

## /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_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: []

## /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\_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: []
```

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

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_route\_get

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query

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

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

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

**Responses:**

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

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_route'

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

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

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

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

```

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

```

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

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: []

```

## /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\_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: []

```

## /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: []

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

**get:**

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

data\_cisco\_cn\_ipam\_ipam\_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: []
```



## /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\_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: []

```

## /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_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: []

```

## /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\_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:** []**/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\_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-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: []

```

## /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: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-prefix-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: []
```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-prefix-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: []

```

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

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: []

```

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

### 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: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-prefix-start-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:** []

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

- data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_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: []

```



## /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\_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: []

```

## /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: []

```

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

get:

**Tags:**

```
- data
- get
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_offline_get
```

**Parameters:**

```

- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true

```

**Schema:**

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

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

**Type:** integer  
**Format:** uint16

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

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

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

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

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

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

**Responses:****"200":**

```

    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_offline'

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

```

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

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: []

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

**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: []

```

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

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: []

```

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

**get:**

**Tags:**

```

- data
- get

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_native_peer_id_get
```

**Parameters:**

```

- Name: pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth

```

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

**Responses:**

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

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_native-peer-id'

**"204":**  
**Description:** No Content

```

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

```

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

### get:

#### Tags:

- data
- get

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_pool\_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:** []**/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-prefix-start-addr}****get:****Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_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:** []

## /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

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}

- 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: []

## /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:** []

## /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:** []

## /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:** []

## /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:** []

## /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:** []**/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:** []

## /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:** []

## /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:** []

## /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:** []

## /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:** []

## /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:** []**/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: []

```

**/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:** []

## /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

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

**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: []

/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: []

```

## /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:** []**/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:** []

## /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\_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

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

- 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: []

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-a**

**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\_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: []

```

## /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:** []

## /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: []

```

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

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_static\_get

**Parameters:**

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer

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

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

```

enum:
- report-all
- 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: []

```

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-a**

**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: []

```

## /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\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_native\_inst\_id\_get

**Parameters:**

- **Name:** dp-dp-name

In: path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-start-addr

In: path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-pool

In: path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-index

In: path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

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

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

**Responses:**

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

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_native-inst-id'

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

## /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\_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: []

```

## /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: []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-a

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_native-peer-id\_get

**Parameters:**

- **Name:** dp-dp-name
- In:** path
- Required/Optional:** true



```
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: ipv4-addr-start-addr
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv4-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
```

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

**Responses:**

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

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_native-peer-id'

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

```

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

```

## /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\_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:** []

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

**get:**

**Tags:**  
 - data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_alloc-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: []

```

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

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_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:** {}

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

```
"404":
  Description: Not Found
  Content: {}
"405":
  Description: Method Not Allowed
  Content: {}
"409":
  Description: Conflict
  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:** []

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-a****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: []

```

## /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:** []

## /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":**

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

```

    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    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:** []

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

**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\_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: []

```

## /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:** []

## /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: []

```

## /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

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

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

**Responses:**

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

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_offline'

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

**security:**  
 - basicAuth: []

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

**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: []

```

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

get:

**Tags:**

```
- data
- get
```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_peer\_inst\_id\_get

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-addr-pool

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

```

Schema:
  Type: string
  Format: string
- Name: ipv6-addr-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string

```

```

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

```

**Responses:**

```

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

```

```
'#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_peer-inst-id'
```

```

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

```

## /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\_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: []

```

## /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: []

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

**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\_addr\_alloc\_thrs\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all

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

**Responses:**

"200":

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

application/yang-data+json:

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

```
"/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_addr-alloc-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: []

```

## /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\_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: []

```

**/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: []

```

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{i**

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: []

```

## /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-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: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{i

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\_pool\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string

```

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

```

**Responses:**

```

"200":
  Description: OK
  Content:

```



```

    application/yang-data+json:
      Schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_pool'

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

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{i

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:** []

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

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_end\_addr\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string

```

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

```

**Responses:****"200":****Description:** OK**Content:**

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

```
'#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_end-addr'
```

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**- **basicAuth:** []**/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-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_alloc-id\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

```

    Type: string
    Format: string
- Name: ipv6-prefix-pool
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: ipv6-prefix-index
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query

```

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

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

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

**Responses:**

"200":

**Description:** OK

**Content:**

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

**Schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_alloc-id'

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []



## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{i

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\_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: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{i

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:** []

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

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_offline\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string

```

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

```

**Responses:****"200":****Description:** OK**Content:**

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

```
'#/components/schemas/data_cisco_cn_ipam_ipam_dp_dp_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:** []

?

```
/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_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: []

```

```

?
```

```

/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: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{i

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: []

```

```
?
```

```

/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\_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-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: []
?
/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:** []

?

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

**Tags:**

- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_alloc\_addr\_list\_get

**Parameters:**

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response

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

**Responses:**

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

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_alloc-addrs-list'

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

```

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

```

## Components

```

schemas:
  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
  root:
    Type: object
    Properties:
      ietf-restconf:restconf:
        Reference: '#/components/schemas/root_ietfrestconfrestconf'
  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
  data_cisco-cn-ipam_ipam_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_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_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_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_threshold:
Type: object
Properties:
  cisco-cn-ipam:threshold:

```



```

Reference:
'#/components/schemas/data_ciscocnipam_ipam_threshold_ciscocnipamthreshold'
data_cisco-cn-ipam_ipam_source_local:
  Type: object
  Properties:
    cisco-cn-ipam:local:
      Type: string
      Description: (leaf)
      format: "[null]"
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_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_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_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_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_source_external_ipam:
Type: object
Properties:
    cisco-cn-ipam:ipam:
        Reference:
'#/components/schemas/data_ciscocnipam_ipam_source_external_ipam_ciscocnipamipam'
data_cisco-cn-ipam_ipam_source_external-post:
Type: object
Properties:
    cisco-cn-ipam:ipam:
        Reference:
'#/components/schemas/data_ciscocnipam_ipam_source_external_ipam_ciscocnipamipam'
data_cisco-cn-ipam_ipam_source_external:
Type: object
Properties:
    cisco-cn-ipam:external:
        Reference:
'#/components/schemas/data_ciscocnipam_ipam_source_external_ciscocnipamexternal'
data_cisco-cn-ipam_ipam_source-post:
Type: object
Properties:
    cisco-cn-ipam:local:
        Type: string
        Description: (leaf)
        format: "[null]"
        x-yang:
            Type: leaf
data_cisco-cn-ipam_ipam_source:
Type: object
Properties:
    cisco-cn-ipam:source:
        Reference: '#/components/schemas/data_ciscocnipam_ipam_source_ciscocnipamsource'

data_cisco-cn-ipam_ipam_pool_pool-name_static:
Type: object
Properties:
    cisco-cn-ipam:static:
        Type: string
        Description: (leaf)

```

```

        format: boolean
        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_offline:
    Type: object
    Properties:
        cisco-cn-ipam:offline:
            Type: string
            Description: (leaf)
            format: boolean
            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: string
            Description: (leaf)
            format: boolean
            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_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_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_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_offline:`

**Type:** object

**Properties:**

`cisco-cn-ipam:offline:`

**Type:** string

**Description:** (leaf)

**format:** boolean

**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_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\_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\_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\_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\_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\_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\_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:**

```

Type: object
Properties:
  cisco-cn-ipam:ipv6-prefix:
    Type: array
    Description: (list)
    Items:
      Reference:

```

'#/components/schemas/data\_ciscocnipam\_ipam\_pool\_poolpoolname\_ipv6prefix\_ipv6prefixstartaddr\_ciscocnipamipv6prefix'

```

    x-yang:
      Type: list

```

**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/data\_ciscocnipam\_ipam\_pool\_poolpoolname\_ipv6prefix\_ipv6prefixstartaddr\_ciscocnipamipv6prefix'

```

    x-yang:
      Type: list

```

**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-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-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-addr_ipv6-addr-start-addr_static:
  Type: object
  Properties:
    cisco-cn-ipam:static:
      Type: string
      Description: (leaf)
      format: boolean
      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_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_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\_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\_offline:**

**Type:** object

**Properties:**

```

cisco-cn-ipam:offline:
  Type: string
  Description: (leaf)
  format: boolean
  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\_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\_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\_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\_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\_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\_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\_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:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:ipv6-addr:**  
**Type:** array  
**Description:** (list)  
**Items:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_addr-alloc-thrs'

**x-yang:**  
**Type:** list

**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-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-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:**

```

Type: object
Properties:
  cisco-cn-ipam:ipv6-addr:
    Type: array
    Description: (list)
    Items:
      Reference:
        '#/components/schemas/data_ciscocnipam_ipam_pool_poolpoolname_ipv6prefix_ipv6prefixstartaddr_ciscocnipamipv6prefix'

    x-yang:
      Type: list
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_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-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-addr_ipv4-addr-start-addr_static:
  Type: object
  Properties:
    cisco-cn-ipam:static:
      Type: string
      Description: (leaf)
      format: boolean
      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\_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\_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\_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\_offline:**

```

Type: object
Properties:
  cisco-cn-ipam:offline:
    Type: string
    Description: (leaf)
    format: boolean
    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\_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\_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\_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\_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_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_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_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:`

**Type:** object  
**Properties:**  
  **cisco-cn-ipam:ipv4-addr:**  
    **Type:** array  
    **Description:** (list)  
    **Items:**  
      **Reference:**

'#/components/schemas/data\_ciscocnipam\_ipam\_pool\_poolpoolname\_ipv6prefix\_ipv6prefixstartaddr\_ciscocnipamipv6prefix'

**x-yang:**  
  **Type:** list

`data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr:`

**Type:** object  
**Properties:**  
  **cisco-cn-ipam:ipv4-addr:**  
    **Type:** array  
    **Description:** (list)

```

    Items:
      Reference:
'#/components/schemas/data_ciscocnipam_ipam_pool_poolpoolname_ipv6prefix_ipv6prefixstartaddr_ciscocnipamipv6prefix'

    x-yang:
      Type: list
data_cisco-cn-ipam_ipam_pool_pool-pool-name:
  Type: object
  Properties:
    cisco-cn-ipam:pool:
      Type: array
      Description: (list)
      Items:
        Reference:
'#/components/schemas/data_ciscocnipam_ipam_pool_poolpoolname_ciscocnipampool'
        x-yang:
          Type: list
data_cisco-cn-ipam_ipam_pool:
  Type: object
  Properties:
    cisco-cn-ipam:pool:
      Type: array
      Description: (list)
      Items:
        Reference:
'#/components/schemas/data_ciscocnipam_ipam_pool_poolpoolname_ciscocnipampool'
        x-yang:
          Type: list
data_cisco-cn-ipam_ipam_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_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_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_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_min-dp-addr-size:
  Type: object
  Properties:
    cisco-cn-ipam:min-dp-addr-size:
      Reference:
'#/components/schemas/data_ciscocnipam_ipam_threshold_ciscocnipamthreshold'
data_cisco-cn-ipam_ipam_dp_dp-dp-name_static:
  Type: object
  Properties:
    cisco-cn-ipam:static:
      Type: string
      Description: (leaf)
      format: boolean
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_offline:
  Type: object
  Properties:
    cisco-cn-ipam:offline:
      Type: string
      Description: (leaf)
      format: boolean
      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:** string  
**Description:** (leaf)  
**format:** boolean  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_start-addr:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:start-addr:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_route:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:route:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_pool:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:pool:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_peer-inst-id:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:peer-inst-id:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_offline:**

**Type:** object  
**Properties:**  
 cisco-cn-ipam:offline:  
 Type: string  
 Description: (leaf)  
 format: boolean  
 x-yang:  
 Type: leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_native-peer-id**

**Type:** object  
**Properties:**  
 cisco-cn-ipam:native-peer-id:  
 Type: string  
 Description: (leaf)  
 format: string  
 x-yang:  
 Type: leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_native-inst-id**

**Type:** object  
**Properties:**  
 cisco-cn-ipam:native-inst-id:  
 Type: integer  
 Description: (leaf)  
 format: uint32  
 x-yang:  
 Type: leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_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\_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_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_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_dp_name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_alloc-addrs-list:`

**Type:** object  
**Properties:**  
   **cisco-cn-ipam:alloc-addrs-list:**  
     **Type:** string  
     **Description:** (leaf)  
     **format:** string  
     **x-yang:**  
       **Type:** leaf

`data_cisco-cn-ipam_ipam_dp_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_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/data_ciscocnipam_ipam_pool_poolpoolname_ipv6prefix_ipv6prefixstartaddr_ciscocnipamipv6prefix'

x-yang:
  Type: list
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-prefix:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-prefix:
      Type: array
      Description: (list)
      Items:
        Reference:
'#/components/schemas/data_ciscocnipam_ipam_pool_poolpoolname_ipv6prefix_ipv6prefixstartaddr_ciscocnipamipv6prefix'

        x-yang:
          Type: list
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-pfx-used:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-pfx-used:
      Type: integer
      Description: (leaf)
      format: uint64
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-pfx-total:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-pfx-total:
      Type: integer
      Description: (leaf)
      format: uint64
      x-yang:
        Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-pfx-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-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_static:

  Type: object
  Properties:
    cisco-cn-ipam:static:
      Type: string
      Description: (leaf)
      format: boolean

```

**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\_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\_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\_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\_offline:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:offline:**  
**Type:** string

**Description:** (leaf)  
**format:** boolean  
**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\_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\_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\_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\_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\_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\_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\_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:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:ipv6-addr:**  
**Type:** array  
**Description:** (list)  
**Items:**  
**Reference:**

'#/components/schemas/data\_ciscocnipam\_ipam\_pool\_poolpoolname\_ipv6prefix\_ipv6prefixstartaddr\_ciscocnipamipv6prefix'

**x-yang:**  
**Type:** list

```

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-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-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:
  Type: object
  Properties:
    cisco-cn-ipam:ipv6-addr:
      Type: array
      Description: (list)
      Items:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr'
      x-yang:
        Type: list
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_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-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-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_static:

```

```

    Type: object
    Properties:
      cisco-cn-ipam:static:
        Type: string
        Description: (leaf)
        format: boolean
        x-yang:
          Type: leaf

```

```

data_cisco-cn-ipam_ipam_dp_dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_start-addr:

```

```

    Type: object
    Properties:
      cisco-cn-ipam:start-addr:
        Type: string
        Description: (leaf)
        format: string
        x-yang:
          Type: leaf

```

```

data_cisco-cn-ipam_ipam_dp_dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_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_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\_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\_offline:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:offline:**  
**Type:** string  
**Description:** (leaf)  
**format:** boolean  
**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\_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\_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\_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\_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\_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\_alloc-addr-list:**

**Type:** object

**Properties:**

**cisco-cn-ipam:alloc-addr-list:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_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:**

```

Type: object
Properties:
  cisco-cn-ipam:ipv4-addr:
    Type: array
    Description: (list)
    Items:
      Reference:

```

'#/components/schemas/data\_ciscocnipam\_ipam\_pool\_poolpoolname\_ipv6prefix\_ipv6prefixstartaddr\_ciscocnipamipv6prefix'

```

x-yang:
  Type: list

```

**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/data\_ciscocnipam\_ipam\_pool\_poolpoolname\_ipv6prefix\_ipv6prefixstartaddr\_ciscocnipamipv6prefix'

```

x-yang:
  Type: list

```

**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:**

```

Type: object
Properties:
  cisco-cn-ipam:dp:
    Type: array
    Description: (list)
    Items:

```

Reference: '#/components/schemas/data\_ciscocnipam\_ipam\_dp\_dpdpname\_ciscocnipamdp'

```

    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/data_ciscocnipam_ipam_dp_dpdpname_ciscocnipamdp'

    x-yang:
      Type: list
data_cisco-cn-ipam_ipam_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_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_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_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_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_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold:`

**Type:** object  
**Properties:**  
     **cisco-cn-ipam:threshold:**  
         **Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_threshold\_cisco-cn-ipam-threshold'

`data_cisco-cn-ipam_ipam_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_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_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_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\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_split-size:**

```

Type: object
Properties:
  cisco-cn-ipam:split-size:

```

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_addresspool\_addresspoolpoolname\_ipv6\_prefixranges\_splitsize\_cisco-cn-ipam-split-size'

?

data\_cisco-cn-ipam\_ipam\_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\_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\_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_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/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_cisco-cn-ipam-prefix-range'

      x-yang:
        Type: list

data_cisco-cn-ipam_ipam_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/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_cisco-cn-ipam-prefix-range'

      x-yang:
        Type: list
    cisco-cn-ipam:split-size:
      Reference:
      '#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_cisco-cn-ipam-split-size'

    cisco-cn-ipam:threshold:
      Reference:
      '#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold_cisco-cn-ipam-threshold'

data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_prefix-ranges:

  Type: object
  Properties:
    cisco-cn-ipam:prefix-ranges:
      Reference:
      '#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_prefix-ranges_cisco-cn-ipam-prefix-ranges'

```



**data\_cisco-cn-ipam\_ipam\_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\_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\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_threshold:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:threshold:**  
**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_threshold\_cisco-cn-ipam-threshold'

**data\_cisco-cn-ipam\_ipam\_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\_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\_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\_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\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_split-size:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:split-size:**  
**Reference:**

'#/components/schemas/data\_ciscocnipam\_ipam\_addresspool\_addresspoolpoolname\_ipv6\_prefixranges\_splitsize\_ciscocnipamsplitsize'

?

**data\_cisco-cn-ipam\_ipam\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_address-range\_address-range-start-address\_address-range-end-address\_start-address**

**type:** object  
**Properties:**  
**cisco-cn-ipam:start-address:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

?

**data\_cisco-cn-ipam\_ipam\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_address-range\_address-range-start-address\_address-range-end-address\_offline**

```

: type: object
  Properties:
    cisco-cn-ipam:offline:
      Type: string
      Description: (leaf)
      format: "[null]"
      x-yang:
        Type: leaf
  ?
data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_address-ranges_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_address-pool_address-pool-pool-name_ipv6_address-ranges_address-range_address-range-start-address_address-range-end-address

: type: object
  Properties:
    cisco-cn-ipam:address-range:
      Type: array
      Description: (list)
      Items:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_address-ranges_address-range_address-range-start-address_address-range-end-address_cisco-cn-ipam-address-range'
      x-yang:
        Type: list
data_cisco-cn-ipam_ipam_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/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_address-ranges_address-range_address-range-start-address_address-range-end-address_cisco-cn-ipam-address-range'
      x-yang:
        Type: list
    cisco-cn-ipam:split-size:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_cisco-cn-ipam-split-size'
    cisco-cn-ipam:threshold:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold_cisco-cn-ipam-threshold'

```

**data\_cisco-cn-ipam\_ipam\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges:**

**Type:** object

**Properties:**

**cisco-cn-ipam:address-ranges:**

**Reference:**

'#/components/schemas/data\_ciscocnipam\_ipam\_addresspool\_addresspoolpoolname\_ipv6\_addressranges\_ciscocnipamaddressranges'

**data\_cisco-cn-ipam\_ipam\_address-pool\_address-pool-pool-name\_ipv6-post:**

**Type:** object

**Properties:**

**cisco-cn-ipam:address-ranges:**

**Reference:**

'#/components/schemas/data\_ciscocnipam\_ipam\_addresspool\_addresspoolpoolname\_ipv6\_addressranges\_ciscocnipamaddressranges'

**cisco-cn-ipam:prefix-ranges:**

**Reference:**

'#/components/schemas/data\_ciscocnipam\_ipam\_addresspool\_addresspoolpoolname\_ipv6\_prefixranges\_ciscocnipamprefixranges'

**data\_cisco-cn-ipam\_ipam\_address-pool\_address-pool-pool-name\_ipv6:**

**Type:** object

**Properties:**

**cisco-cn-ipam:ipv6:**

**Reference:**

'#/components/schemas/data\_ciscocnipam\_ipam\_addresspool\_addresspoolpoolname\_ipv6\_ciscocnipamipv6'

**data\_cisco-cn-ipam\_ipam\_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\_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\_address-pool\_address-pool-pool-name\_ipv4\_threshold:**

**Type:** object

**Properties:**

**cisco-cn-ipam:threshold:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_threshold\_cisco-cn-ipam-threshold'

**data\_cisco-cn-ipam\_ipam\_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\_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\_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\_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_address-pool_address-pool-pool-name_ipv4_split-size:

    Type: object
    Properties:
        cisco-cn-ipam:split-size:
            Reference:
                '#/components/schemas/data_cisco-cn-ipam_ipam_addresspool_addresspoolpoolname_ipv6_prefixranges_splitsize_cisco-cn-ipam-split-size'
                ?
                data_cisco-cn-ipam_ipam_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_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_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_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/data_cisco-cn-ipam_ipam_addresspool_addresspoolpoolname_ipv6_addressranges_addressrange_addressrange_start_addressrange_end_address_cisco-cn-ipam-addressrange'

    x-yang:
      Type: list
  data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv4-post:
    Type: object
    Properties:
      cisco-cn-ipam:address-range:
        Type: array
        Description: (list)
        Items:
          Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_addresspool_addresspoolpoolname_ipv6_addressranges_addressrange_addressrange_start_addressrange_end_address_cisco-cn-ipam-addressrange'

        x-yang:
          Type: list
      cisco-cn-ipam:split-size:
        Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_addresspool_addresspoolpoolname_ipv6_prefixranges_splitsize_cisco-cn-ipam-split-size'

      cisco-cn-ipam:threshold:
        Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_addresspool_addresspoolpoolname_ipv6_prefixranges_threshold_cisco-cn-ipam-threshold'

  data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv4:
    Type: object
    Properties:
      cisco-cn-ipam:ipv4:
        Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_addresspool_addresspoolpoolname_ipv6_addressranges_cisco-cn-ipam-addressranges'

  data_cisco-cn-ipam_ipam_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_address-pool_address-pool-pool-name:
    Type: object
    Properties:
      cisco-cn-ipam:address-pool:
        Type: array
        Description: (list)
        Items:
          Reference:

```

```

'/components/schemas/data_ciscocnipam_ipam_addresspool_addresspoolpoolname_ciscocnipamaddresspool'

    x-yang:
      Type: list
data_cisco-cn-ipam_ipam-post:
  Type: object
  Properties:
    cisco-cn-ipam:source:
      Reference: '#/components/schemas/data_ciscocnipam_ipam_source_ciscocnipamsource'

    cisco-cn-ipam:address-pool:
      Type: array
      Description: (list)
      Items:
        Reference:
'/components/schemas/data_ciscocnipam_ipam_addresspool_addresspoolpoolname_ciscocnipamaddresspool'

    x-yang:
      Type: list
    cisco-cn-ipam:threshold:
      Reference:
'/components/schemas/data_ciscocnipam_ipam_threshold_ciscocnipamthreshold'
    cisco-cn-ipam:min-dp-addr-size:
      Reference:
'/components/schemas/data_ciscocnipam_ipam_threshold_ciscocnipamthreshold'
    cisco-cn-ipam:pool:
      Type: array
      Description: (list)
      Items:
        Reference:
'/components/schemas/data_ciscocnipam_ipam_pool_poolpoolname_ciscocnipampool'
    x-yang:
      Type: list
    cisco-cn-ipam:dp:
      Type: array
      Description: (list)
      Items:
        Reference: '#/components/schemas/data_ciscocnipam_ipam_dp_dpdpname_ciscocnipamdp'

    x-yang:
      Type: list
data_cisco-cn-ipam_ipam:
  Type: object
  Properties:
    cisco-cn-ipam:ipam:
      Reference: '#/components/schemas/data_ciscocnipam_ipam_ciscocnipamipam'
data-put-patch:
  Type: object
  Properties:
    ietf-restconf:data:
      Reference: '#/components/schemas/dataputpatch_ietfrestconfdata'
data-post:
  Type: object

```



```

Properties:
  cisco-cn-ipam:ipam:
    Reference: '#/components/schemas/data_ciscocnipam_ipam_ciscocnipamipam'
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
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.
data_ciscocnipam_ipam_threshold_ciscocnipamthreshold:
  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)
data_ciscocnipam_ipam_source_external_ipam_ciscocnipamipam:
  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)
data_ciscocnipam_ipam_source_external_ciscocnipamexternal:
  Type: object
  Properties:
    ipam:
      Reference:
        '#/components/schemas/data_ciscocnipam_ipam_source_external_ipam_ciscocnipamipam'
      Description: (non-presence)
data_ciscocnipam_ipam_source_ciscocnipamsource:
  Type: object
  Properties:
    local:
      Type: string
      Description: (leaf)
      format: "[null]"
      x-yang:
        Type: leaf
  Description: (non-presence)

data_ciscocnipam_ipam_pool_poolpoolname_ipv6prefix_ipv6prefixstartaddr_ciscocnipamipv6prefix:
  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: string
  Description: (leaf)
  format: boolean
  x-yang:
    Type: leaf
offline:
  Type: string
  Description: (leaf)
  format: boolean
  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-addr-list:
  Type: string
  Description: (leaf)
  format: string
  x-yang:
    Type: leaf
data_ciscocnipam_ipam_pool_poolpoolname_ciscocnipampool:
Type: object
Properties:
  pool-name:
    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
static:
  Type: string
  Description: (leaf)
  format: boolean
  x-yang:
    Type: leaf
offline:
  Type: string
  Description: (leaf)
  format: boolean
  x-yang:
    Type: leaf
ipv4-addr:
  Type: array
```

```

Description: (list)
Items:
Reference:
'#/components/schemas/data_ciscocnipam_ipam_pool_poolpoolname_ipv6prefix_ipv6prefixstartaddr_ciscocnipamipv6prefix'

x-yang:
Type: list
ipv6-addr:
Type: array
Description: (list)
Items:
Reference:
'#/components/schemas/data_ciscocnipam_ipam_pool_poolpoolname_ipv6prefix_ipv6prefixstartaddr_ciscocnipamipv6prefix'

x-yang:
Type: list
ipv6-prefix:
Type: array
Description: (list)
Items:
Reference:
'#/components/schemas/data_ciscocnipam_ipam_pool_poolpoolname_ipv6prefix_ipv6prefixstartaddr_ciscocnipamipv6prefix'

x-yang:
Type: list
data_ciscocnipam_ipam_dp_dpdname_ciscocnipamdp:
Type: object
Properties:
dp-name:
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
static:
  Type: string
  Description: (leaf)
  format: boolean
  x-yang:
    Type: leaf
offline:
  Type: string
  Description: (leaf)
  format: boolean
  x-yang:
    Type: leaf
ipv4-addr:
  Type: array
  Description: (list)
  Items:
```

**Reference:**

```
'#/components/schemas/data_ciscoocnipam_ipam_pool_poolpoolname_ipv6prefix_ipv6prefixstartaddr_ciscoocnipamipv6prefix'
```

**x-yang:**

```
  Type: list
```

**ipv6-addr:**

```
  Type: array
```

```
  Description: (list)
```

**Items:****Reference:**

```
'#/components/schemas/data_ciscoocnipam_ipam_pool_poolpoolname_ipv6prefix_ipv6prefixstartaddr_ciscoocnipamipv6prefix'
```

**x-yang:**

```
  Type: list
```

**ipv6-prefix:**

```
  Type: array
```

```
  Description: (list)
```

**Items:****Reference:**

```
'#/components/schemas/data_ciscoocnipam_ipam_pool_poolpoolname_ipv6prefix_ipv6prefixstartaddr_ciscoocnipamipv6prefix'
```

**x-yang:**

```
  Type: list
```

```
data_ciscoocnipam_ipam_addresspool_addresspoolpoolname_ipv6_prefixranges_threshold_ciscoocnipamthreshold:
```

```
  Type: object
```

**Properties:****upper-threshold:**

```
  Type: integer
```

```
  Description: (leaf)
```

```
  format: uint32
```

**x-yang:**

```
  Type: leaf
```

```
  Description: (non-presence)
```

```
data_ciscoocnipam_ipam_addresspool_addresspoolpoolname_ipv6_prefixranges_splitsize_ciscoocnipamsplitsize:
```

```
  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)
  ?
data_ciscoipam_ipam_addresspool_addresspoolpoolname_ipv6_prefixranges_prefixrange_prefixrangeprefix_prefixrangelength_ciscoipamprefixrange
: 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

data_ciscoipam_ipam_addresspool_addresspoolpoolname_ipv6_prefixranges_ciscoipamprefixranges:
Type: object
Properties:
  prefix-range:
    Type: array
    Description: (list)
    Items:
      Reference:
        '#/components/schemas/data_ciscoipam_ipam_addresspool_addresspoolpoolname_ipv6_prefixranges_prefixrange_prefixrangeprefix_prefixrangelength_ciscoipamprefixrange'
    x-yang:
      Type: list
  split-size:
    Reference:
      '#/components/schemas/data_ciscoipam_ipam_addresspool_addresspoolpoolname_ipv6_prefixranges_splitsize_ciscoipamsplitsize'
  threshold:
    Reference:
      '#/components/schemas/data_ciscoipam_ipam_addresspool_addresspoolpoolname_ipv6_prefixranges_threshold_ciscoipamthreshold'
  Description: (non-presence)
  ?
data_ciscoipam_ipam_addresspool_addresspoolpoolname_ipv6_addressranges_addressrange_addressrangestartaddress_addressrangeendaddress_ciscoipamaddressrange

```

: 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

**data\_ciscocnipam\_ipam\_addresspool\_addresspoolpoolname\_ipv6\_addressranges\_ciscocnipamaddressranges:**

**Type:** object

**Properties:**

**address-range:**

**Type:** array

**Description:** (list)

**Items:**

**Reference:**

'#/components/schemas/data\_ciscocnipam\_ipam\_addresspool\_addresspoolpoolname\_ipv6\_addressranges\_addressrange\_addressrangeattributes\_addressrangeutils\_ciscocnipamaddressrange'

**x-yang:**

**Type:** list

**split-size:**

**Reference:**

'#/components/schemas/data\_ciscocnipam\_ipam\_addresspool\_addresspoolpoolname\_ipv6\_prefixranges\_splitsize\_ciscocnipamsplitsize'

**threshold:**

**Reference:**

'#/components/schemas/data\_ciscocnipam\_ipam\_addresspool\_addresspoolpoolname\_ipv6\_prefixranges\_threshold\_ciscocnipamthreshold'

**Description:** (non-presence)

**data\_ciscocnipam\_ipam\_addresspool\_addresspoolpoolname\_ipv6\_ciscocnipamipv6:**

**Type:** object

**Properties:**

**address-ranges:**

**Reference:**

'#/components/schemas/data\_ciscocnipam\_ipam\_addresspool\_addresspoolpoolname\_ipv6\_addressranges\_ciscocnipamaddressranges'

**prefix-ranges:**

**Reference:**

```
'#/components/schemas/data_ciscocnipam_ipam_addresspool_addresspoolpoolname_ipv6_prefixranges_ciscocnipamprefixranges'
```

**Description:** (non-presence)

**data\_ciscocnipam\_ipam\_addresspool\_addresspoolpoolname\_ciscocnipamaddresspool:**

**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

**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/data_ciscocnipam_ipam_addresspool_addresspoolpoolname_ipv6_addressranges_ciscocnipamaddressranges'
```

**ipv6:**

**Reference:**

```
'#/components/schemas/data_ciscocnipam_ipam_addresspool_addresspoolpoolname_ipv6_ciscocnipamipv6'
```

**data\_ciscocnipam\_ipam\_ciscocnipamipam:**

**Type:** object

**Properties:****source:**

**Reference:** '#/components/schemas/data\_ciscocnipam\_ipam\_source\_ciscocnipamsource'

**address-pool:**

**Type:** array

**Description:** (list)

**Items:**

**Reference:**

```
'#/components/schemas/data_ciscocnipam_ipam_addresspool_addresspoolpoolname_ciscocnipamaddresspool'
```

```

    x-yang:
      Type: list
  threshold:
    Reference:
'#/components/schemas/data_ciscocnipam_ipam_threshold_ciscocnipamthreshold'
  min-dp-addr-size:
    Reference:
'#/components/schemas/data_ciscocnipam_ipam_threshold_ciscocnipamthreshold'
  pool:
    Type: array
    Description: (list)
    Items:
      Reference:
'#/components/schemas/data_ciscocnipam_ipam_pool_poolpoolname_ciscocnipampool'
  x-yang:
    Type: list
  dp:
    Type: array
    Description: (list)
    Items:
      Reference: '#/components/schemas/data_ciscocnipam_ipam_dp_dpdpname_ciscocnipamdp'

  x-yang:
    Type: list
  Description: (non-presence)
  dataputpatch_ietfrestconfdata:
    Type: object
    Properties:
      cisco-cn-ipam:ipam:
        Reference: '#/components/schemas/data_ciscocnipam_ipam_ciscocnipamipam'
  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
prefix-range-prefix:
  name: prefix-range-prefix
  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
pool-pool-name:
  name: pool-pool-name
  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
ipv6-prefix-pool:
  name: ipv6-prefix-pool
  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-addr-start-addr:
  name: ipv6-addr-start-addr
  in: path
  Required: true
  style: simple
  explode: false
  schema:
    Type: string
    format: string
ipv6-addr-pool:
  name: ipv6-addr-pool
  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
  ipv4-addr-start-addr:
    name: ipv4-addr-start-addr
    in: path
    Required: true
    style: simple
    explode: false
    schema:
      Type: string
      format: string
  ipv4-addr-pool:
    name: ipv4-addr-pool
    in: path
    Required: true
    style: simple
    explode: false
    schema:
      Type: string
      format: string
  ipv4-addr-index:
    name: ipv4-addr-index
    in: path
    Required: true
    style: simple
    explode: false
    schema:
      Type: integer
      format: uint32
  dp-dp-name:
    name: dp-dp-name
    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
  address-range-end-address:
    name: address-range-end-address
    in: path
    Required: true
    style: simple
    explode: false
    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
requestBodies:
  data_cisco-cn-ipam_ipam_threshold_ipv6-prefix:
    content:
      application/yang-data+json:
        schema:
          Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_threshold_ipv6-prefix'

    Required: true
  data_cisco-cn-ipam_ipam_threshold_ipv6-addr:
    content:
      application/yang-data+json:
        schema:
          Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_threshold_ipv6-addr'

    Required: true
  data_cisco-cn-ipam_ipam_threshold_ipv4-addr:
    content:
      application/yang-data+json:
        schema:
          Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_threshold_ipv4-addr'

    Required: true
  data_cisco-cn-ipam_ipam_threshold-post:
    content:
      application/yang-data+json:
        schema:
          Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_threshold-post'

    Required: true
```

```

data_cisco-cn-ipam_ipam_threshold:
  content:
    application/yang-data+json:
      schema:
        Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_threshold'
  Required: true
data_cisco-cn-ipam_ipam_source_local:
  content:
    application/yang-data+json:
      schema:
        Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_source_local'
  Required: true
data_cisco-cn-ipam_ipam_source_external_ipam_vendor:
  content:
    application/yang-data+json:
      schema:
        Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_source_external_ipam_vendor'
  Required: true
data_cisco-cn-ipam_ipam_source_external_ipam_port:
  content:
    application/yang-data+json:
      schema:
        Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_source_external_ipam_port'
  Required: true
data_cisco-cn-ipam_ipam_source_external_ipam_host:
  content:
    application/yang-data+json:
      schema:
        Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_source_external_ipam_host'
  Required: true
data_cisco-cn-ipam_ipam_source_external_ipam-post:
  content:
    application/yang-data+json:
      schema:
        Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_source_external_ipam-post'
  Required: true
data_cisco-cn-ipam_ipam_source_external_ipam:
  content:
    application/yang-data+json:
      schema:
        Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_source_external_ipam'
  Required: true
data_cisco-cn-ipam_ipam_source_external-post:
  content:
    application/yang-data+json:
      schema:
        Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_source_external-post'
  Required: true

```

```

data_cisco-cn-ipam_ipam_source_external:
  content:
    application/yang-data+json:
      schema:
        Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_source_external'
      Required: true
data_cisco-cn-ipam_ipam_source-post:
  content:
    application/yang-data+json:
      schema:
        Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_source-post'
      Required: true
data_cisco-cn-ipam_ipam_source:
  content:
    application/yang-data+json:
      schema:
        Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_source'
      Required: true
data_cisco-cn-ipam_ipam_min-dp-addr-size_ipv6-prefix:
  content:
    application/yang-data+json:
      schema:
        Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_min-dp-addr-size_ipv6-prefix'
      Required: true
data_cisco-cn-ipam_ipam_min-dp-addr-size_ipv6-addr:
  content:
    application/yang-data+json:
      schema:
        Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_min-dp-addr-size_ipv6-addr'
      Required: true
data_cisco-cn-ipam_ipam_min-dp-addr-size_ipv4-addr:
  content:
    application/yang-data+json:
      schema:
        Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_min-dp-addr-size_ipv4-addr'
      Required: true
data_cisco-cn-ipam_ipam_min-dp-addr-size-post:
  content:
    application/yang-data+json:
      schema:
        Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_min-dp-addr-size-post'
      Required: true
data_cisco-cn-ipam_ipam_min-dp-addr-size:
  content:
    application/yang-data+json:
      schema:
        Reference: '#/components/schemas/data_cisco-cn-ipam_ipam_min-dp-addr-size'
      Required: true
data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_vrf-name:
  content:

```

```

    application/yang-data+json:
      schema:
        Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_vrf-name'

    Required: true
  data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_pool-name:
    content:
      application/yang-data+json:
        schema:
          Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_pool-name'

    Required: true
  data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_offline:
    content:
      application/yang-data+json:
        schema:
          Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_offline'
    Required: true

  data_cisco-cn-ipam_ipam_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_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold_upper-threshold'

    Required: true

  data_cisco-cn-ipam_ipam_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_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold-post'

    Required: true

  data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold:
    content:
      application/yang-data+json:
        schema:
          Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold'

    Required: true

  data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-op:
    content:
      application/yang-data+json:
        schema:

```

**Reference:**

```
'#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-dp'
```

```
Required: true
```

```
data_cisco-cn-ipam_ipam_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_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-cache'
```

```
Required: true
```

```
data_cisco-cn-ipam_ipam_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_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_no-split'
```

```
Required: true
```

```
data_cisco-cn-ipam_ipam_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_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size-post'
```

```
Required: true
```

```
data_cisco-cn-ipam_ipam_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_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size'
```

```
Required: true
```

```
?
```

```
data_cisco-cn-ipam_ipam_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_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_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_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_offset!'

      Required: true
    ?
data_cisco-cn-ipam_ipam_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_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_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_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length!'

      Required: true

data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_prefix-ranges-post:

  content:
    application/yang-data+json:
      schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_prefix-ranges-post!'

      Required: true

data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_prefix-ranges:

  content:
    application/yang-data+json:
      schema:
        Reference:
          '#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_prefix-ranges!'

      Required: true

data_cisco-cn-ipam_ipam_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_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold_upper-threshold!'

      Required: true

data_cisco-cn-ipam_ipam_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_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold-post'

Required: true

data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold:

content:
  application/yang-data+json:
    schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold'

Required: true

data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_per-dp:

content:
  application/yang-data+json:
    schema:
      Reference:
        '#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_per-dp'

Required: true

data_cisco-cn-ipam_ipam_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_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_per-cache'

Required: true

data_cisco-cn-ipam_ipam_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_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_no-split'

Required: true

data_cisco-cn-ipam_ipam_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_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size-post'

```

**Required:** true

**data\_cisco-cn-ipam\_ipam\_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\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_split-size'

**Required:** true

?

**data\_cisco-cn-ipam\_ipam\_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\_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\_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-cn-ipam\_ipam\_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\_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-cn-ipam\_ipam\_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-cn-ipam\_ipam\_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-cn-ipam\_ipam\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_address-range\_address-range-start-address\_address-range-end-address'

**Required:** true

**data\_cisco-cn-ipam\_ipam\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges-post:**

**content:**

application/yang-data+json:

**schema:**

**Reference:**



```

'#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_address-ranges-post'

    Required: true

data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_address-ranges:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6_address-ranges'

    Required: true

data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6-post:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6-post'

    Required: true

data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv6'

    Required: true

data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv4_threshold_upper-threshold:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv4_threshold_upper-threshold'

    Required: true

data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv4_threshold-post:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv4_threshold-post'

    Required: true

data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv4_threshold:

    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv4_threshold'

```

**Required:** true

**data\_cisco-cn-ipam\_ipam\_address-pool\_address-pool-pool-name\_ipv4\_split-size\_per-dp:**

**content:**

application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_address-pool\_address-pool-pool-name\_ipv4\_split-size\_per-dp'

**Required:** true

**data\_cisco-cn-ipam\_ipam\_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\_address-pool\_address-pool-pool-name\_ipv4\_split-size\_per-cache'

**Required:** true

**data\_cisco-cn-ipam\_ipam\_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\_address-pool\_address-pool-pool-name\_ipv4\_split-size\_no-split'

**Required:** true

**data\_cisco-cn-ipam\_ipam\_address-pool\_address-pool-pool-name\_ipv4\_split-size-post:**

**content:**

application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_address-pool\_address-pool-pool-name\_ipv4\_split-size-post'

**Required:** true

**data\_cisco-cn-ipam\_ipam\_address-pool\_address-pool-pool-name\_ipv4\_split-size:**

**content:**

application/yang-data+json:

**schema:**

**Reference:**

'#/components/schemas/data\_cisco-cn-ipam\_ipam\_address-pool\_address-pool-pool-name\_ipv4\_split-size'

**Required:** true

?

**data\_cisco-cn-ipam\_ipam\_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_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_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_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_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_address-pool_address-pool-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address_end-address'

Required: true
?
data_cisco-cn-ipam_ipam_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_address-pool_address-pool-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address'

Required: true
data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv4-post:
content:
  application/yang-data+json:
    schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv4-post'

Required: true
data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv4:
content:
  application/yang-data+json:
    schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_ipv4'
Required: true

data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_address-quarantine-timer:

content:
  application/yang-data+json:
    schema:
      Reference:
'#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name_address-quarantine-timer'

```

```

    Required: true
  data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name:
    content:
      application/yang-data+json:
        schema:
          Reference:
            '#/components/schemas/data_cisco-cn-ipam_ipam_address-pool_address-pool-pool-name'
        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:
    content:
      application/yang-data+json:
        schema:
          Reference: '#/components/schemas/data_cisco-cn-ipam_ipam'
        Required: true
  data-put-patch:
    content:
      application/yang-data+json:
        schema:
          Reference: '#/components/schemas/data-put-patch'
        Required: true
  data-post:
    content:
      application/yang-data+json:
        schema:
          Reference: '#/components/schemas/data-post'
        Required: true
  securitySchemes:
    basicAuth:
      Type: http
      scheme: basic

```