



ipam

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OpenAPI

OpenAPI Version: 3.0.1

Info

Title: cisco-cn-ipam
Description: ""
Version: 2021-02-21

Servers

URL: /restconf

tags

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

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

Paths

/

get:

Tags:

- root
- get

Operation ID: root_get

Responses:

"200":

Description: OK

Content:

application/yang-data+json:

Schema:

Reference: "#/components/schemas/root"

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

```

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

```

```

    Tags:
      - root
      - head
    Operation ID: root_head

```

```

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

```

/operations

```

get:

```

```

    Tags:
      - operations
      - get
    Operation ID: operations_get

```

```

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

```

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

/yang-library-version

get:

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

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

head:

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

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

/data

get:

Tags:

- data
- get

Operation ID: data_get

Responses:

"200":

Description: OK

Content:

application/yang-data+json:

Schema:

Reference: "#/components/schemas/data"

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:

- basicAuth: []

put:

Tags:

- data
- put

Operation ID: data_put

Request Body:

Content:

application/yang-data+json:

Schema:

Reference: "#/components/schemas/data-put-patch"

Required/Optional: true

Responses:

"201":

Description: Created

```

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

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

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

```

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

Tags:
- data
- head
Operation ID: data_head

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

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

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

/data/cisco-cn-ipam:ipam

get:

Tags:

- data
- get

Operation ID: data_cisco_cn_ipam_ipam_get

Parameters:

- **Name:** content

In: query

Description: controlling descendant nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: enumeration

Default: config

enum:

- config
- nonconfig
- all

- **Name:** depth

In: query

Description: limit the depth of nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: integer

Format: uint16

- **Name:** fields

In: query

Description: optionally identify specific data nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: string

- **Name:** filter

In: query

Description: xpath expression to filter data nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: string

- **Name:** with-defaults

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

Responses:

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

security:

- **basicAuth:** []

put:**Tags:**

- data
- put

Operation ID: data_cisco_cn_ipam_ipam_put

Request Body:

Content:
 application/yang-data+json:
 Schema:
 Reference: "#/components/schemas/data_cisco-cn-ipam_ipam"

Required/Optional: true

Responses:

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

security:

- **basicAuth:** []

x-codegen-request-body-name: ipam

Method: Post

Tags:

- data
 - post

Operation ID: data_cisco_cn_ipam_ipam_post

Request Body:

Content:
 application/yang-data+json:
Schema:
Reference: "#/components/schemas/data_cisco-cn-ipam_ipam-post"
Required/Optional: true

Responses:

"201":
Description: container ipam created
Content: {}
 "204":
Description: No Content
Content: {}
 "400":
Description: Bad Request
Content: {}
 "401":
Description: Unauthorized

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

  Tags:
  - data
  - delete
  Operation ID: data_cisco_cn_ipam_ipam_delete

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

  Tags:
  - data
  - options
  Operation ID: data_cisco_cn_ipam_ipam_options

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

  Tags:
  - data
  - head
  Operation ID: data_cisco_cn_ipam_ipam_head

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

```

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

Responses:
  "200":
    Description: OK

```

```

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

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

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

```

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

```

options:

  Tags:
  - data
  - options
  Operation ID: data_cisco_cn_ipam_ipam_instance_options

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

```

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

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

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

get:

Tags:

```
- data
- get
```

Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_get

Parameters:

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

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

- **Name:** content

In: query

Description: controlling descendant nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: enumeration

Default: config

enum:

```
- config
- nonconfig
- all
```

- **Name:** depth

In: query

Description: limit the depth of nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: integer

Format: uint16

- **Name:** fields

In: query

Description: optionally identify specific data nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

```

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

```

Responses:

```

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

```

```

    "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id"

```

```

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

```

```

    security:
      - basicAuth: []
  put:

    Tags:
      - data
      - put
    Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_put

    Parameters:
      - Name: instance-instance-id
        In: path
        Required/Optional: true
        Style: simple
        Explode: false
        Schema:
          Type: string
          Format: leafref
      - Name: insert
        In: query
        Description: controlling the order when adding new list elements
        Required/Optional: false
        Style: form
        Explode: true
        Schema:
          Type: string
          Format: enumeration
          Default: first
          enum:
            - first
            - last
            - before
            - after
      - Name: point
        In: query
        Description: used to specify the insertion point
        Required/Optional: false
        Style: form
        Explode: true
        Schema:
          Type: string
          Format: string
    Request Body:
      Content:
        application/yang-data+json:
          Schema:
            Reference:
              "#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance-id"
            Required/Optional: true

    Responses:
      "201":
        Description: list instance created or replaced

```



```

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

  Tags:
  - data
  - delete
  Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_delete

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

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

  Tags:
  - data
  - options
  Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_options

Parameters:

```

```

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

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

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_head

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

```

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

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

Tags:
- data
- patch
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_patch

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

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

```

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

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

```

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

get:

```

  Tags:
  - data
  - get
  Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_instance_id_get

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

```

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

Default: report-all

enum:

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

Responses:

"200":

Description: OK

Content:

application/yang-data+json:

Schema:

Reference:

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_instance-id"

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:

- basicAuth: []

put:

Tags:

- data
- put

Operation ID: data_cisco_cn_ipam_ipam_instance_instance-id_instance-id_put

Parameters:

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

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

Request Body:

Content:

```

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

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

Tags:
- data
- delete
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_instance_id_delete

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

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

```

```

    security:
      - basicAuth: []
  options:

  Tags:
    - data
    - options
  Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_instance_id_options

```

```

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

```

```

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

```

```

    security:
      - basicAuth: []

```

```
head:
```

```

  Tags:
    - data
    - head
  Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_instance_id_head

```

```

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

```



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

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

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

Tags:

- data
- patch

Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_instance_id_patch

Parameters:

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

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

Request Body:

Content:

application/yang-data+json:

Schema:

Reference:

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_instance-id"

Required/Optional: true

Responses:

"204":

Description: leaf instance-id updated

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:

- **basicAuth:** []

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

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

get:

Tags:

- data
- get

Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_ip_reserve_get

Parameters:

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

Format: string

- **Name:** with-defaults

In: query

Description: controlling default values in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: enumeration

Default: report-all

enum:

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

Responses:

"200":

Description: OK

Content:

application/yang-data+json:

Schema:

Reference:

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-reserve"

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:

- **basicAuth:** []

put:**Tags:**

- data
- put

Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance-id_ip_reserve_put

Parameters:

```

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

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

Tags:
- data
- delete
Operation ID: data_cisco_cn_ipam_ipam_instance_instance-id_ip_reserve_delete

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

```

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

Responses:

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

security:

- **basicAuth:** []

options:

Tags:

- data
- options

Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_ip_reserve_options

Parameters:

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

Responses:

"200":
 Description: OK
 Content: {}

security:

- **basicAuth:** []

head:

Tags:

- data
- head

Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_ip_reserve_head

Parameters:

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

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

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

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

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

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

- report-all-tagged

Responses:

"200":

Description: OK

Content: {}

security:

- **basicAuth:** []

patch:

Tags:

- data
- patch

Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_reserve_patch

Parameters:

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

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

Request Body:

Content:

application/yang-data+json:

Schema:

Reference:

 "#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance-instance-id_ip-reserve"

Required/Optional: true

Responses:

"204":

Description: leaf ip-reserve updated

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:


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

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

get:

Tags:

```
- data
- get
```

Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_source_get

Parameters:

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

```

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

```

Responses:

```

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

```

security:
 - **basicAuth:** []

put:

Tags:

- data
 - put

Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_source_put

Parameters:

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

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

Request Body:

Content:

application/yang-data+json:

Schema:

Reference:

"#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_source"

Required/Optional: true

Responses:

"201":

Description: container source created or replaced

Content: {}

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:

- **basicAuth:** []

x-codegen-request-body-name: source

Method: Post

Tags:

- data
- post

Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_source_post

Parameters:

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

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

Request Body:**Content:**

application/yang-data+json:

Schema:**Reference:**

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_source-post"

Required/Optional: true

Responses:

"201":

Description: container source created

Content: {}

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:

- **basicAuth:** []

x-codegen-request-body-name: source

delete:**Tags:**

- data
- delete

Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_source_delete

Parameters:

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

Responses:

"204":

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

security:

- **basicAuth:** []

options:

Tags:

- data
- options

Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_source_options

Parameters:

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

Responses:

"200":

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

security:

- **basicAuth:** []

head:

Tags:

- data
- head

Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_source_head

Parameters:

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

```

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

```

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

Responses:

"200":
Description: OK
Content: {}

security:

- **basicAuth:** []

patch:**Tags:**

- data
 - patch

Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_patch

Parameters:

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

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

Request Body:**Content:**

application/yang-data+json:

Schema:**Reference:**

"#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_instance_id_source"

Required/Optional: true

Responses:

"204":
Description: container source updated
Content: {}

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

"401":
Description: Unauthorized
Content: {}

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

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

"409":

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

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

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

get:

Tags:

- data
- get

Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_source_local_get

Parameters:

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


```

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

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

```

```

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

  Tags:
    - data
    - put
  Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_local_put

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

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

```

```

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

```

Tags:

- data
- delete

Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_local_delete

Parameters:

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

Responses:

"204":

Description: No Content

Content: {}

security:

- basicAuth: []

options:

Tags:

- data
- options

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_local_options

Parameters:

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

Responses:

"200":

Description: OK

Content: {}

security:

- basicAuth: []

head:

Tags:

- data

- head

Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_source_local_head

Parameters:

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

```

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

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

Tags:
  - data
  - patch
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_local_patch

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

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

```

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

```

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

```

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

get:

Tags:

- data
- get

Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_source_external_get

Parameters:

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

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

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

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

"/components/schemas/data_cisco-cn-ipam_ipam_instance-instance-id_source_external"

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

```

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

  Tags:
    - data
    - put
  Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_source_external_put

```

```

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

```

```

    Required/Optional: true

```

Responses:

```

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

```



```

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

Tags:
- data
- post
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_post

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

    Required/Optional: true

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

```

```

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

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_delete

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

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

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_options

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

```

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

- data
- head

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_head

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

- config
- nonconfig
- all

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

```

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

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

Tags:
- data
- patch
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_patch

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

```

```

    application/yang-data+json:
      Schema:
        Reference:
          "#/components/schemas/data_cisco-cn-ipam_ipam_instance-instance-id_source_external"

      Required/Optional: true

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

```

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

get:

```

  Tags:
    - data
    - get
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_get

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

```

```

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

```

- trim
- explicit
- report-all-tagged

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

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_source_external_ipam"
```

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

- **basicAuth:** []

put:**Tags:**

- data
- put

Operation ID:

```
data_cisco_cn_ipam_ipam_instance_instance-id_source_external_ipam_put
```

Parameters:

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

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

Reference:

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam"
```

Required/Optional: true

Responses:

"201":

Description: container ipam created or replaced

Content: {}

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:

- basicAuth: []

x-codegen-request-body-name: ipam

Method: Post

Tags:

- data

- post

Operation ID:

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_post
```

Parameters:

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

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

Request Body:

Content:

application/yang-data+json:

Schema:

Reference:

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam-post"
```


Required/Optional: true

Responses:

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

security:

- **basicAuth:** []

x-codegen-request-body-name: ipam

delete:

Tags:

- data
 - delete

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_delete

Parameters:

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

Responses:

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

security:

- **basicAuth:** []

options:

Tags:

- data
- options

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_options

Parameters:

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

Responses:**"200":****Description:** OK**Content:** {}**security:**

- **basicAuth:** []

head:**Tags:**

- data
- head

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_head

Parameters:

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

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

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

Tags:
- data
```

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

- patch

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_patch

Parameters:

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

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

Request Body:

Content:

application/yang-data+json:

Schema:

Reference:

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam"

Required/Optional: true

Responses:

"204":

Description: container ipam updated

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:

- **basicAuth:** []

x-codegen-request-body-name: ipam

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

get:

Tags:

- data
- get

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_host_get

Parameters:

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

```

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

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

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

  Tags:
    - data
    - put
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance-id_source_external_ipam_host_put

```

Parameters:

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

Request Body:

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

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_source_external_ipam_host"

Required/Optional: true

Responses:

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

security:

- **basicAuth:** []

x-codegen-request-body-name: host

delete:**Tags:**

- data
 - delete

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_host_delete

Parameters:

```

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

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

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_host_options

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

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

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_host_head

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

```



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

Default: report-all

enum:

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

Responses:

"200":

Description: OK

Content: {}

security:

- **basicAuth:** []

patch:

Tags:

- data
- patch

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_host_patch

Parameters:

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

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

Request Body:

Content:

application/yang-data+json:

Schema:

Reference:

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam_host"

Required/Optional: true

Responses:

"204":

Description: leaf host updated

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

```

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

```

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

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_source_external_ipam_port_get

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

```

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

Responses:

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

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_source_external_ipam_port"

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

```

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

Tags:
- data
- put
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_port_put

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

Required/Optional: true

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

```

```

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

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_port_delete

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

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

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_port_options

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

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

```

```

    security:
      - basicAuth: []

```

```

  head:

```

```

    Tags:

```

```

      - data
      - head

```

```

    Operation ID:

```

```

data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_port_head

```

```

Parameters:

```

```

- Name: instance-instance-id

```

```

  In: path

```

```

  Required/Optional: true

```

```

  Style: simple

```

```

  Explode: false

```

```

  Schema:

```

```

    Type: string

```

```

    Format: leafref

```

```

- Name: content

```

```

  In: query

```

```

  Description: controlling descendant nodes in response

```

```

  Required/Optional: false

```

```

  Style: form

```

```

  Explode: true

```

```

  Schema:

```

```

    Type: string

```

```

    Format: enumeration

```

```

    Default: config

```

```

    enum:

```

```

      - config
      - nonconfig
      - all

```

```

- Name: depth

```

```

  In: query

```

```

  Description: limit the depth of nodes in response

```

```

  Required/Optional: false

```

```

  Style: form

```

```

  Explode: true

```

```

  Schema:

```

```

    Type: integer

```

```

    Format: uint16

```

```

- Name: fields

```

```

  In: query

```

```

  Description: optionally identify specific data nodes in response

```

```

  Required/Optional: false

```

```

  Style: form

```

```

  Explode: true

```

```

  Schema:

```

```

    Type: string

```

```

    Format: string

```

```

- Name: filter

```

```

  In: query

```

Description: xpath expression to filter data nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: string

- **Name:** with-defaults

In: query

Description: controlling default values in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: enumeration

Default: report-all

enum:

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

Responses:

"200":

Description: OK

Content: {}

security:

- **basicAuth:** []

patch:

Tags:

- data
- patch

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_port_patch

Parameters:

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

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

Request Body:

Content:

application/yang-data+json:

Schema:

Reference:

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam_port"

Required/Optional: true

Responses:

```

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

```

security:

```
- basicAuth: []
```

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

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

get:**Tags:**

```
- data
- get
```

Operation ID:

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_vendor_get
```

Parameters:

```

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

```

```

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

Responses:
  "200":

```

```

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

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

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

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

    Required/Optional: true

```

Responses:

```

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

```

security:

```
- basicAuth: []
```

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

delete:**Tags:**

```
- data
- delete
```

Operation ID:

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_vendor_delete
```

Parameters:

```

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

```

Responses:

```

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

```

security:

```
- basicAuth: []
```

options:**Tags:**

```
- data
```

- options

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_vendor_options

Parameters:

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

Responses:

"200":

Description: OK

Content: {}

security:

- **basicAuth:** []

head:

Tags:

- data
- head

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_vendor_head

Parameters:

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

```

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

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

Tags:
- data
- patch
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_source_external_ipam_vendor_patch

```

```

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

      Required/Optional: true

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

```

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

get:

```

Tags:
- data
- get
Operation ID:

```

data_cisco_cn_ipam_ipam_instance_instance_instance_id_reserve_chunk_for_remote_site_get

Parameters:

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


```

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

```

Responses:

```

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

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_reserve-chunk-for-remote-site"

```

```

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

```

security:

```

- basicAuth: []

```

put:

Tags:

```

- data
- put

```

Operation ID:

```

data_cisco_cn_ipam_ipam_instance_instance-id_reserve_chunk_for_remote_site_put

```

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            "#/components/schemas/data_cisco-cn-ipam_ipam_instance-instance-id_reserve-chunk-for-remote-site"

    Required/Optional: true

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

  Tags:
    - data
    - post
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance_id_reserve_chunk_for_remote_site_post

  Parameters:
    - Name: instance-instance-id
      In: path

```

```

    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_reserve-chunk-for-remote-site-post"

    Required/Optional: true

  Responses:
    "201":
      Description: container reserve-chunk-for-remote-site created
      Content: {}
    "204":
      Description: No Content
      Content: {}
    "400":
      Description: Bad Request
      Content: {}
    "401":
      Description: Unauthorized
      Content: {}
    "404":
      Description: Not Found
      Content: {}
    "405":
      Description: Method Not Allowed
      Content: {}
    "409":
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  x-codegen-request-body-name: reserve-chunk-for-remote-site
delete:

  Tags:
    - data
    - delete
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance_instance-id_reserve_chunk_for_remote_site_delete

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

```

```

    Explode: false
    Schema:
      Type: string
      Format: leafref

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

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_reserve_chunk_for_remote_site_options

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

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

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_reserve_chunk_for_remote_site_head

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

```

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

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

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

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

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

- trim
- explicit
- report-all-tagged

Responses:**"200":****Description:** OK**Content:** {}**security:**

- **basicAuth:** []

patch:**Tags:**

- data
- patch

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_reserve_chunk_for_remote_site_patch

Parameters:

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

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

"/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_reserve-chunk-for-remote-site"

Required/Optional: true**Responses:****"204":****Description:** container reserve-chunk-for-remote-site updated**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict

```

    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: reserve-chunk-for-remote-site

```

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

get:

Tags:

- data
- get

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_reserve_chunk_for_remote_site_enable_get

Parameters:

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

Description: optionally identify specific data nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: string

- **Name:** filter

In: query

Description: xpath expression to filter data nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: string

- **Name:** with-defaults

In: query

Description: controlling default values in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: enumeration

Default: report-all

enum:

- report-all

- trim

- explicit

- report-all-tagged

Responses:

"200":

Description: OK

Content:

application/yang-data+json:

Schema:

Reference:

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_reserve-chunk-for-remote-site_enable"

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}


```

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

  Tags:
    - data
    - put
  Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_reserve_chunk_for_remote_site_enable_put

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

  Required/Optional: true

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

```

```

    Content: {}
  "409":
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: enable
delete:

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_reserve_chunk_for_remote_site_enable_delete

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

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

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_reserve_chunk_for_remote_site_enable_options

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

Responses:
"200":
  Description: OK

```

```

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

```

Tags:

- data
- head

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_reserve_chunk_for_remote_site_enable_head

Parameters:

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

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

Responses:

"200":

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

- **basicAuth:** []

patch:**Tags:**

- data
- patch

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_reserve_chunk_for_remote_site_enable_patch

Parameters:

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

Request Body:**Content:**

application/yang-data+json:

Schema:**Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_reserve-chunk-for-remote-site_enable"
```

Required/Optional: true

Responses:

"204":

Description: leaf enable updated

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:

- **basicAuth:** []

x-codegen-request-body-name: enable

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/ip-event- logging

get:

Tags:

- data
- get

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_event_logging_get

Parameters:

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

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

- **Name:** content

In: query

Description: controlling descendant nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

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

- **Name:** depth

In: query

Description: limit the depth of nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

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

- **Name:** fields

In: query

Description: optionally identify specific data nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

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

- **Name:** filter

In: query

Description: xpath expression to filter data nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

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

- **Name:** with-defaults

In: query

Description: controlling default values in response

Required/Optional: false

Style: form

Explode: true

Schema:

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

Responses:

"200":

```

    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-event-logging"

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

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

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

      Required/Optional: true

```

Responses:

```

"201":
  Description: container ip-event-logging created or replaced
  Content: {}
"204":
  Description: No Content
  Content: {}
"400":
  Description: Bad Request
  Content: {}
"401":
  Description: Unauthorized
  Content: {}
"404":
  Description: Not Found
  Content: {}
"405":
  Description: Method Not Allowed
  Content: {}
"409":
  Description: Conflict
  Content: {}

```

security:

```
- basicAuth: []
```

```
x-codegen-request-body-name: ip-event-logging
```

```
Method: Post
```

Tags:

```
- data
- post
```

Operation ID:

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_event_logging_post
```

Parameters:

```
- Name: instance-instance-id
```

```
In: path
```

```
Required/Optional: true
```

```
Style: simple
```

```
Explode: false
```

Schema:

```
Type: string
```

```
Format: leafref
```

Request Body:

```
Content:
```

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

```
Schema:
```

```
Reference:
```

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance-instance-id_ip-event-logging-post"
```

```
Required/Optional: true
```

Responses:

```
"201":
```



```

    Description: container ip-event-logging 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: ip-event-logging
delete:

  Tags:
  - data
  - delete
  Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_event_logging_delete

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

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

  Tags:
  - data
  - options
  Operation ID:

```

data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_event_logging_options

Parameters:

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

Responses:

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

security:

- **basicAuth:** []

head:

Tags:

- data
- head

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_event_logging_head

Parameters:

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

```

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

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

Tags:
  - data
  - patch
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_event_logging_patch

Parameters:

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/ip-event-logging/enable

```

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

    Required/Optional: true

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

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/ip-event-logging/enable

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_event_logging_enable_get

```

Parameters:

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

Description: controlling default values in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: enumeration

Default: report-all

enum:

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

Responses:

"200":

Description: OK

Content:

application/yang-data+json:

Schema:

Reference:

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_ip-event-logging_enable"

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:

- **basicAuth:** []

put:

Tags:

- data
- put

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance-id_ip_event_logging_enable_put

Parameters:

- **Name:** instance-instance-id
- In:** path

```

    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-event-logging_enable"

    Required/Optional: true

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

  Tags:
    - data
    - delete
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance_instance-id_ip_event_logging_enable_delete

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

```

```

    Explode: false
    Schema:
      Type: string
      Format: leafref

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

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_event_logging_enable_options

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

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

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_event_logging_enable_head

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

```


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

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

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

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

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

- report-all-tagged

Responses:

"200":

Description: OK

Content: {}

security:

 - **basicAuth:** []

patch:

Tags:

 - data

 - patch

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_event_logging_enable_patch

Parameters:

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

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

Request Body:

Content:

application/yang-data+json:

Schema:

Reference:

 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-event-logging_enable"

Required/Optional: true

Responses:

"204":

Description: leaf enable updated

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

```

security:
- basicAuth: []
x-codegen-request-body-name: enable

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/ip-chunk-event-logging

get:

Tags:

```

- data
- get

```

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_ip_chunk_event_logging_get

Parameters:

```

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

```

```

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

```

Responses:

```

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

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-chunk-event-logging"

```

```

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

```

```

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

  Tags:
    - data
    - put
  Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_chunk_event_logging_put

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

  Required/Optional: true

Responses:
  "201":
    Description: container ip-chunk-event-logging created or replaced
    Content: {}
  "204":
    Description: No Content
    Content: {}
  "400":
    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict

```

```

    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: ip-chunk-event-logging
Method: Post

Tags:
- data
- post
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_chunk_event_logging_post

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

  Required/Optional: true

Responses:
  "201":
    Description: container ip-chunk-event-logging 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: ip-chunk-event-logging
delete:

```

Tags:

```

- data
- delete

```

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_chunk_event_logging_delete

Parameters:

```

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

```

Responses:

"204":

 Description: No Content

 Content: {}

security:

```

- basicAuth: []

```

options:

Tags:

```

- data
- options

```

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_chunk_event_logging_options

Parameters:

```

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

```

Responses:

"200":

 Description: OK

 Content: {}

security:

```

- basicAuth: []

```

head:

Tags:

```

- data

```

- head

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_chunk_event_logging_head

Parameters:

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

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

- **Name:** content

In: query

Description: controlling descendant nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: enumeration

Default: config

enum:

- config

- nonconfig

- all

- **Name:** depth

In: query

Description: limit the depth of nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: integer

Format: uint16

- **Name:** fields

In: query

Description: optionally identify specific data nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: string

- **Name:** filter

In: query

Description: xpath expression to filter data nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string


```

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

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

Tags:
  - data
  - patch
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_chunk_event_logging_patch

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

    Required/Optional: true

Responses:
  "204":
    Description: container ip-chunk-event-logging updated
    Content: {}
  "400":

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/ip-chunk-event-logging/enable

```

    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: ip-chunk-event-logging

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/ip-chunk-event-logging/enable

get:

Tags:

- data
- get

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_chunk_event_logging_enable_get

Parameters:

- Name: instance-instance-id

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

- Name: content

In: query

Description: controlling descendant nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: enumeration

Default: config

enum:

- config
- nonconfig

```

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

```

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

```

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-chunk-event-logging_enable"

```

```

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

  Tags:
    - data
    - put
  Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_chunk_event_logging_enable_put

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

    Required/Optional: true

  Responses:
    "201":
      Description: leaf enable created or replaced
      Content: {}
    "204":
      Description: No Content
      Content: {}

```

```

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

  Tags:
    - data
    - delete
  Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_chunk_event_logging_enable_delete

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

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

  Tags:
    - data
    - options
  Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_chunk_event_logging_enable_options

Parameters:
- Name: instance-instance-id
  In: path

```

```

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

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

  Tags:
  - data
  - head
  Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_chunk_event_logging_enable_head

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

```

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

Responses:**"200":****Description:** OK**Content:** {}**security:**

- **basicAuth:** []

patch:**Tags:**

- data
- patch

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_ip_chunk_event_logging_enable_patch

Parameters:

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

```

    Explode: false
    Schema:
      Type: string
      Format: leafref
    Request Body:
      Content:
        application/yang-data+json:
          Schema:
            Reference:
              "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_ip-chunk-event-logging_enable"

    Required/Optional: true

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

```

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

```

get:

Tags:
  - data
  - get
Operation ID:
  data_cisco_cn_ipam_ipam_instance_instance_id_reconcile_schedule_get

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

```



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

Format: enumeration

Default: report-all

enum:

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

Responses:

"200":

Description: OK

Content:

application/yang-data+json:

Schema:

Reference:

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_reconcile-schedule"

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:

- **basicAuth:** []

put:

Tags:

- data
- put

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance-id_reconcile-schedule_put

Parameters:

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

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

Request Body:
Content:
 application/yang-data+json:
 Schema:
 Reference:
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_reconcile-schedule"

Required/Optional: true

Responses:
 "201":
 Description: container reconcile-schedule 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: reconcile-schedule
Method: Post

Tags:
- data
- post

Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_reconcile_schedule_post

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

```

    application/yang-data+json:
      Schema:
      Reference:
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_reconcile-schedule-post"

    Required/Optional: true

Responses:
  "201":
    Description: container reconcile-schedule 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: reconcile-schedule
delete:

  Tags:
  - data
  - delete
  Operation ID:
data_cisco_cn_ipam_ipam_instance_instance-id_reconcile_schedule_delete

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

Responses:
  "204":
    Description: No Content

```

```

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

  Tags:
    - data
    - options
  Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_reconcile_schedule_options

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

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

  Tags:
    - data
    - head
  Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_reconcile_schedule_head

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

```

```

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

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

```

patch:**Tags:**

- data
- patch

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_reconcile_schedule_patch

Parameters:

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

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

Request Body:**Content:**

application/yang-data+json:

Schema:**Reference:**

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_reconcile-schedule"

Required/Optional: true

Responses:**"204":**

Description: container reconcile-schedule 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: reconcile-schedule

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/reconcile -schedule/time-of-day-hour

get:

Tags:

- data
- get

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_reconcile_schedule_time_of_day_hour_get

Parameters:

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


```

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

```

Responses:

```

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

```

```

    "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_reconcile-schedule_time-of-day-hour"

```

```

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

```

```

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

  Tags:
    - data
    - put
  Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_reconcile_schedule_time_of_day_hour_put

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

    Required/Optional: true

Responses:
"201":
  Description: leaf time-of-day-hour 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: time-of-day-hour
delete:

```

Tags:

```

- data
- delete

```

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_reconcile_schedule_time_of_day_hour_delete

Parameters:

```

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

```

Responses:

```

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

```

security:

```

- basicAuth: []

```

options:

Tags:

```

- data
- options

```

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_reconcile_schedule_time_of_day_hour_options

Parameters:

```

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

```

Responses:

```

"200":
  Description: OK
  Content: {}

```

security:

```

- basicAuth: []

```

head:

Tags:

- data
- head

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_reconcile_schedule_time_of_day_hour_head

Parameters:

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

```

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

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

Tags:
- data
- patch
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_reconcile_schedule_time_of_day_hour_patch

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

      Required/Optional: true

Responses:

```

```

"204":
  Description: leaf time-of-day-hour 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: time-of-day-hour

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/reconcile -schedule/time-of-day-minute

get:

Tags:

- data
- get

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_reconcile_schedule_time_of_day_minute_get

Parameters:

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

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

Responses:
  "200":
    Description: OK
```

```

    Content:
      application/yang-data+json:
        Schema:
          Reference:
            "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_reconcile-schedule_time-of-day-minute"

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

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

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

  Required/Optional: true

Responses:

```



```

"201":
  Description: leaf time-of-day-minute 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: time-of-day-minute
delete:

```

Tags:

- data
- delete

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_reconcile_schedule_time_of_day_minute_delete

Parameters:

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

Responses:

- ```

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

```

**security:**

- basicAuth: []

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

- data

- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_reconcile\_schedule\_time\_of\_day\_minute\_options

**Parameters:**

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data

- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_reconcile\_schedule\_time\_of\_day\_minute\_head

**Parameters:**

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

- config

- nonconfig

- all

- **Name:** depth

```

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

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

Tags:
 - data
 - patch

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_reconcile\_schedule\_time\_of\_day\_minute\_patch

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

application/yang-data+json:

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

"/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_reconcile-schedule\_time-of-day-minute"

**Required/Optional:** true**Responses:****"204":****Description:** leaf time-of-day-minute 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:** time-of-day-minute

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

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

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_reconcile\_schedule\_frequency\_get

**Parameters:**

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

```

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

Responses:
 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_reconcile-schedule_frequency"

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

 Tags:
 - data
 - put
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_instance_id_reconcile_schedule_frequency_put

```

```

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

 Required/Optional: true

Responses:
"201":
 Description: leaf frequency 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: frequency
delete:

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance-id_reconcile_schedule_frequency_delete

Parameters:

```

```

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

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

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_reconcile_schedule_frequency_options

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

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

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_reconcile_schedule_frequency_head

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

```



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

**Default:** report-all

**enum:**

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

**Responses:**

**"200":**

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_reconcile\_schedule\_frequency\_patch

**Parameters:**

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

**Request Body:**

**Content:**

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

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_reconcile-schedule\_frequency"

**Required/Optional:** true

**Responses:**

**"204":**

**Description:** leaf frequency 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: frequency

```

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

options:

```

 Tags:
 - data
 - options
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_options

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

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

```

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

get:

```

 Tags:
 - data
 - get
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_get

 Parameters:
 - Name: instance-instance-id
 In: path

```

```

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

```

```

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

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

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

Tags:
 - data
 - put

```

**Operation ID:**

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

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** insert
  - In:** query
  - Description:** controlling the order when adding new list elements
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** first
    - enum:**
      - first
      - last
      - before
      - after
- **Name:** point
  - In:** query
  - Description:** used to specify the insertion point
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string

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

application/yang-data+json:

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

"/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name"

**Required/Optional:** true

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

- data
- delete

**Operation ID:**

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

**Parameters:**

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

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

#### Responses:

"204":

**Description:** No Content

**Content:** {}

#### security:

- **basicAuth:** []

#### options:

#### Tags:

- data  
- options

#### Operation ID:

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

#### Parameters:

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

#### Schema:

**Type:** string

**Format:** leafref

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

#### Schema:

**Type:** string

**Format:** string

#### Responses:

"200":

**Description:** OK

**Content:** {}

#### security:

- **basicAuth:** []

#### head:

#### Tags:

- data  
- head

#### Operation ID:

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

#### Parameters:

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false



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

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

**Responses:**

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

**security:**

- **basicAuth:** []

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

- data  
 - patch

**Operation ID:**

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

**Parameters:**

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

**Request Body:**

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

**Reference:**

"#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name"

**Required/Optional:** true

**Responses:**

"204":

**Description:** list address-pool updated

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

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

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

**get:**

**Tags:**

- data

- get

**Operation ID:**

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

**Parameters:**

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

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

**In:** path

**Required/Optional:** true

**Style:** simple

```

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

```

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

**Responses:**

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

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

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

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

**put:**

**Tags:**  
 - data  
 - put

**Operation ID:**

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

**Parameters:**

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

```

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

 Required/Optional: true

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

 Tags:
 - data
 - delete
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_pool_name_delete

```

**Parameters:**

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

**Responses:**

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

**security:**

- **basicAuth:** []

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

- data
- options

**Operation ID:**

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

**Parameters:**

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

**Responses:**

- "200":

```

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

 Tags:
 - data
 - head
 Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_pool_name_head

```

#### Parameters:

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



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

**Responses:****"200":****Description:** OK**Content:** {}**security:**

- **basicAuth:** []

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

- data
- patch

**Operation ID:**

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

**Parameters:**

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

```

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

 Required/Optional: true

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

```

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

get:

Tags:

- data
- get

**Operation ID:**

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

**Parameters:**

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

```

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

```

**Responses:**

```

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

```

```

 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_address-quarantine-timer"

```

```

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

```

```

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

```

**Tags:**

```

- data
- put

```

**Operation ID:**

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

**Parameters:**

```

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

```

**Request Body:**

```

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

```

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

```

 Required/Optional: true

```

**Responses:**

```

"201":
 Description: leaf address-quarantine-timer created or replaced
 Content: {}
"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found

```

```

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

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

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

**Parameters:**

```

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

```

**Responses:**

```

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

```

```

 security:
 - basicAuth: []

```

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

```

- data
- options

```

**Operation ID:**

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

**Parameters:**

```

- Name: instance-instance-id

```

```

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

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

Tags:
- data
- head

Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_address_quarantine_timer_head

```

```

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

```

```

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

```

#### Responses:



```

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

```

```

 Tags:
 - data
 - patch

```

**Operation ID:**

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

**Parameters:**

```

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

```

**Request Body:**

```

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

```

"#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_address\_quarantine\_timer"

**Required/Optional:** true

**Responses:**

```

"204":
 Description: leaf address-quarantine-timer updated
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}

```

```

"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: address-quarantine-timer

```

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

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_address_quarantine_qsize_get

```

### Parameters:

```

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

```

```

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

```

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

```

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_address-quarantine-qsize"

```

```

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

```

**security:**

```
- basicAuth: []
```

**put:**

**Tags:**

```
- data
- put
```

**Operation ID:**

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

**Parameters:**

```

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

```

**Request Body:**

```

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

```

**Reference:**

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

**Required/Optional:** true

**Responses:**

"201":

**Description:** leaf address-quarantine-qsize created or replaced

**Content:** {}

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** address-quarantine-qsize

**delete:**

**Tags:**

- data
- delete

**Operation ID:**

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

**Parameters:**

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

**Responses:**

**"204":**

**Description:** No Content

**Content:** {}

**security:**

- **basicAuth:** []

**options:**

**Tags:**

- data
- options

**Operation ID:**

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

**Parameters:**

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

**Responses:**

**"200":**

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

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

**Parameters:**

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

**In:** path

**Required/Optional:** true

```

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

```

```

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

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

**security:**

```

- basicAuth: []

```

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

```

- data
- patch

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_name_address_quarantine_qsize_patch

```

**Parameters:**

```

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

```

**Request Body:**

```

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

```



**Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_address-quarantine-qsize"
```

**Required/Optional:** true

**Responses:**

**"204":**

**Description:** leaf address-quarantine-qsize updated

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** address-quarantine-qsize

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

**get:**

**Tags:**

- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance-id\_address\_pool\_address\_pool\_pool\_name\_offline\_get

**Parameters:**

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

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

**In:** path

```

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

```

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

**Responses:**

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

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

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

**security:**

- **basicAuth:** []

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

- data  
 - put

**Operation ID:**

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

**Parameters:**

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

```

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

 Required/Optional: true

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

 Tags:
 - data
 - delete
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_offline_delete

```

**Parameters:**

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

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

- **basicAuth:** []

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

- data
- options

**Operation ID:**

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

**Parameters:**

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

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

- data
- head

**Operation ID:**

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

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

- config
- nonconfig
- all

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

```

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

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

**security:**

```

- basicAuth: []

```

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

```

- data
- patch

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_offline_patch
```

**Parameters:**

```

- Name: instance-instance-id
 In: path

```

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

```

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

 Required/Optional: true

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

```

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

get:



**Tags:**

- data
- get

**Operation ID:**

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

**Parameters:**

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

```

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

```

#### Responses:

```

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

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_vrf-name"

```

```

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

```

```

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

 Tags:
 - data
 - put
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_vrf_name_put

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

 Required/Optional: true

 Responses:
 "201":
 Description: leaf vrf-name created or replaced
 Content: {}
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}

```

```

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

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_vrf_name_delete

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

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

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_vrf_name_options

```

**Parameters:**

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

**Responses:**

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

**security:**

- **basicAuth:** []

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

- data
- head

**Operation ID:**

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

**Parameters:**

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

```

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

```

**Responses:****"200":****Description:** OK**Content:** {}**security:****- basicAuth:** []**patch:****Tags:**

- data
- patch

**Operation ID:**

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

**Parameters:**

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

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

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

**Required/Optional:** true**Responses:****"204":****Description:** leaf vrf-name updated**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":**

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

```

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

```

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

get:

Tags:

- data
- get

Operation ID:

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

Parameters:

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



```

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

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

```

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

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

```
"204":
```

```
 Description: No Content
```

```
 Content: {}
```

```
"400":
```

```
 Description: Bad Request
```

```
 Content: {}
```

```
"401":
```

```
 Description: Unauthorized
```

```
 Content: {}
```

```
"404":
```

```
 Description: Not Found
```

```
 Content: {}
```

```
"405":
```

```
 Description: Method Not Allowed
```

```
 Content: {}
```

```
"409":
```

```
 Description: Conflict
```

```
 Content: {}
```

```
security:
```

```
- basicAuth: []
```

```
put:
```

```
Tags:
```

```
- data
```

```
- put
```

```
Operation ID:
```

```
data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address_pool_pool-name_ipv4_put
```

**Parameters:**

```
- Name: instance-instance-id
```

```
 In: path
```

```
 Required/Optional: true
```

```
 Style: simple
```

```
 Explode: false
```

```
 Schema:
```

```
 Type: string
```

```
 Format: leafref
```

```
- Name: address-pool-pool-name
```

```
 In: path
```

```
 Required/Optional: true
```

```
 Style: simple
```

```
 Explode: false
```

```
 Schema:
```

```
 Type: string
```

```
 Format: string
```

```
Request Body:
```

```
 Content:
```

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

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

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

**Required/Optional:** true

**Responses:**

**"201":**

**Description:** container ipv4 created or replaced

**Content:** {}

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** ipv4

**Method:** Post

**Tags:**

- data  
- post

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_instance-id_address_pool_address_pool_pool-name_ipv4_post
```

**Parameters:**

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

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

**In:** path

**Required/Optional:** true

**Style:** simple

```

 Explode: false
 Schema:
 Type: string
 Format: string
 Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4-post"

 Required/Optional: true

 Responses:
 "201":
 Description: container ipv4 created
 Content: {}
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: ipv4
 delete:

 Tags:
 - data
 - delete
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address_pool_pool_name_ipv4_delete

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

```

```

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

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

 Tags:
 - data
 - options
 Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_options

```

```

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

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

```

**Tags:**

- data
- head

**Operation ID:**

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

**Parameters:**

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

```

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

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

Tags:
- data
- patch
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_patch

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

```

```

 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4"

 Required/Optional: true

 Responses:
 "204":
 Description: container ipv4 updated
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: ipv4

```

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

### options:

```

 Tags:
 - data
 - options
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address_pool-pool-name_ipv4_address_range_options

```

### Parameters:



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

**Responses:****"200":****Description:** OK**Content:** {}**security:**

- **basicAuth:** []

?

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

**Tags:**

- data
- get

**Operation ID:**

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

**Parameters:**

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

```

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

```

```

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

Responses:
 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "%/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range/status-address-range-status"

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

Tags:
 - data
 - put

```

**Operation ID:**

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

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** address-range-start-address
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** address-range-end-address
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **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/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range/address-range-start-address-address-range-end-address"

**Required/Optional:** true

**Responses:**

**"201":**

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

**Content:** {}

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

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

**delete:**

**Tags:**

- data  
- delete

**Operation ID:**

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

**Parameters:**

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

```

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

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

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_address_range_address_range_start_address_address_range_end_address_options

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

```

```

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

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

Tags:
- data
- head

Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_address_range_address_range_start_address_address_range_end_address_head

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

```

```

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

```



**Schema:**

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

**- Name:** filter

**In:** query

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

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

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

**- Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**

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

**Responses:**

**"200":**

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

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

- data
- patch

**Operation ID:**

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

**Parameters:**

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

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

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

**In:** path

```

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

```

#### Request Body:

```

Content:
 application/yang-data+json:

```

```

 Schema:

```

```

 Reference:

```

```

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

```

```

Required/Optional: true

```

#### Responses:

```

"204":
 Description: list address-range updated
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

#### security:

```

- basicAuth: []

```

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

?

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

**Tags:**

- data
- get

**Operation ID:**

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

**Parameters:**

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

```

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

```

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

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

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

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

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

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

```

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

 Required/Optional: true

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

 Tags:
 - data
 - delete

```

**Operation ID:**

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

**Parameters:**

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

**Responses:**

"204":

**Description:** No Content

**Content:** {}

**security:**

- **basicAuth:** []

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

- data
- options

**Operation ID:**

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

**Parameters:**

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

**Responses:**

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

**security:**

- **basicAuth:** []

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

- data
- head

**Operation ID:**

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

**Parameters:**

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



```

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

```

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

**Responses:**

"200":

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

- **basicAuth:** []

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

- data
- patch

**Operation ID:**

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

**Parameters:**

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

```

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

Responses:
 "204":
 Description: leaf start-address updated
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed

```

```

 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: start-address
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range={address-range-start-address},{address-range-end-address}/end-address
: get:

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_instance_instance_id_address_pool_address_pool_name_ipv4_address_range_address_range_start_address_address_range_end_address_end_address_get

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

```

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

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

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

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

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

- report-all-tagged

#### Responses:

"200":

Description: OK

Content:

application/yang-data+json:

Schema:

Reference:

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

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

#### security:

- basicAuth: []

put:

#### Tags:

- data

- put

#### Operation ID:

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

#### Parameters:

- Name: instance-instance-id

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

- Name: address-pool-pool-name

In: path

Required/Optional: true

Style: simple

```

 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: address-range-start-address
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: address-range-end-address
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
Request Body:
Content:
 application/yang-data+json:
 Schema:
 Reference:
 %/components/schemas/cisco-cn-ipam:instance-id/cisco-cn-ipam:address-pool-pool-name/ipv4/address-range-start-address/cisco-cn-ipam: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\_instance\_instance\_id\_address\_pool\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_delete

#### Parameters:

```

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

```

#### Responses:

```

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

```

#### security:

```

- basicAuth: []

```

options:



**Tags:**

- data
- options

**Operation ID:**

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

**Parameters:**

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

**Responses:****"200":****Description:** OK**Content:** {}**security:**

- **basicAuth:** []

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

- data
- head

**Operation ID:**

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

#### Parameters:

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

```

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

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

Tags:
 - data
 - patch
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_address_range_address_range_start_address_address_range_end_address_end_address_patch

```

**Parameters:**

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

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

application/yang-data+json:

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

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

**Required/Optional:** true**Responses:****"204":****Description:** leaf end-address updated**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":**

```

 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: end-address
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range={address-range-start-address},{address-range-end-address}/offline
: get:

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_address_range_address_range_start_address_address_range_end_address_offline_get

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

```

```

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

```

**Schema:**

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

**Responses:**

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

"/components/schemas/data-cisco-cn-ipam:ipam/instance-instance-id/address-pool-address-pool-name-ipv4/address-range-address-range-start-address-address-range-end-address-offline-put"

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

**security:**

- **basicAuth:** []

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

- data  
 - put

**Operation ID:**

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

**Parameters:**

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

```

 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: address-range-start-address
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: address-range-end-address
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "%/components/schemas/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/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\_instance\_instance\_id\_address\_pool\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_offline\_delete

#### Parameters:

```

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

```

#### Responses:

```

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

```

```

 Tags:
 - data
 - options

```

```

 Operation ID:

```

```

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

```

#### Parameters:

```

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

```

#### Responses:

```

 "200":
 Description: OK
 Content: {}
 security:

```

- basicAuth: []  
head:

**Tags:**

- data
- head

**Operation ID:**

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

**Parameters:**

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

```

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

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

```

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

- data
- patch

**Operation ID:**

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

**Parameters:**

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

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

application/yang-data+json:

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

"/components/structs/data-cisco-cn-ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_address\_range\_address\_range\_start\_address\_address\_range\_end\_address\_offline"

**Required/Optional:** true

**Responses:**

"204":

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

```

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

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_instance_instance_id_address_pool_name_ipv4_address_range_start_address_address_range_end_address_cisco_cn_ipam_ipam_get

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

```

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

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

#### Responses:

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

"/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range/status/attributes/cisco-by-jan-default-gateways"

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

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

**put:**

**Tags:**  
 - data  
 - put

**Operation ID:**

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range/status/attributes/cisco-by-jan-default-gateways/put



**Parameters:**

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

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

application/yang-data+json:

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

["/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/address-range-start-address={address-range-start-address}/default-gateway"](#)

**Required/Optional:** true**Responses:****"201":****Description:** leaf default-gateway created or replaced**Content:** {}**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}

```

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

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

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

**Parameters:**

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

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

**Responses:**

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

**security:**

- **basicAuth:** []

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

- data  
 - options

**Operation ID:**

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

**Parameters:**

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



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

#### Responses:

"200":

**Description:** OK

**Content:** {}

#### security:

- **basicAuth:** []

#### patch:

#### Tags:

- data  
- patch

#### Operation ID:

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

#### Parameters:

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

#### Schema:

**Type:** string

**Format:** leafref

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

#### Schema:

**Type:** string

**Format:** string

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

#### Schema:

**Type:** string

**Format:** string

- **Name:** address-range-end-address

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

#### Schema:

**Type:** string

**Format:** string

#### Request Body:

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

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

```

**Required/Optional:** true

**Responses:**

"204":

**Description:** leaf default-gateway updated

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

**x-codegen-request-body-name:** default-gateway

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

**options:**

**Tags:**

- data  
- options

**Operation ID:**

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

**Parameters:**

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

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

**In:** path

**Required/Optional:** true

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

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

?

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

**: get:**

**Tags:**  
     - data  
     - get

**Operation ID:**

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

**Parameters:**

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



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

**Format:** enumeration

**Default:** report-all

**enum:**

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

#### Responses:

"200":

**Description:** OK

**Content:**

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

**Schema:**

**Reference:**

"/components/schemas/data-cisco-cn-ipam-ipam-instance-instance-id-address-pool-address-pool-pool-name-ipv4-prefix-range-prefix-range-prefix-prefix-range-length"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

**put:**

**Tags:**

- data
- put

**Operation ID:**

data-cisco-cn-ipam-ipam-instance-instance-id-address-pool-address-pool-pool-name-ipv4-prefix-range-prefix-range-prefix-prefix-range-length-put

#### Parameters:

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

```

 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: prefix-range-prefix
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: prefix-range-length
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: insert
 In: query
 Description: controlling the order when adding new list elements
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: first
 enum:
 - first
 - last
 - before
 - after
- Name: point
 In: query
 Description: used to specify the insertion point
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
Request Body:
Content:
 application/yang-data+json:

```

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

#### Schema:

#### Reference:

"#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_range\_length"

**Required/Optional:** true

#### Responses:

"201":

**Description:** list prefix-range created or replaced

**Content:** {}

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

#### security:

- basicAuth: []

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

**delete:**

#### Tags:

- data  
- delete

#### Operation ID:

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

#### Parameters:

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

#### Schema:

**Type:** string

**Format:** leafref

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

**In:** path

**Required/Optional:** true

**Style:** simple

```

 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: prefix-range-prefix
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: prefix-range-length
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32

```

**Responses:**

"204":

  Description: No Content

  Content: {}

**security:**

- basicAuth: []

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

- data  
- options

**Operation ID:**

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

**Parameters:**

```

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

```

- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** integer  
    **Format:** uint32

**Responses:**

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

**security:**

- **basicAuth:** []

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

- data
- head

**Operation ID:**

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

**Parameters:**

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

```

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

```

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

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

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

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

- data
- patch

**Operation ID:**

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

**Parameters:**

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** prefix-range-prefix

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false



```

 Schema:
 Type: string
 Format: string
 - Name: prefix-range-length
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
 Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#components/schemas/data-cisco-cn-ipam:ipam_instance_instance-id_address_pool_address_pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length"

 Required/Optional: true

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

 Tags:
 - data
 - get
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_instance-id_address_pool_address_pool-pool-name_ipv4_prefix_range_prefix_range_prefix_prefix_range_length_prefix_get

```

**Parameters:**

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

```

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

```

**Responses:**

```

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

```

```

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

```

```

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

```

```

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

```

**Tags:**

```

- data
- put

```

**Operation ID:**

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

**Parameters:**

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

**Schema:****Type:** integer**Format:** uint32**Request Body:****Content:**

application/yang-data+json:

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

"/components/schemas/data-cisco-cn-ipam-ipam-instance-instance-id-address-pool-address-pool-pool-name-ipv4-prefix-range-prefix-range-prefix-range-length-prefix"

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

- data
- delete

**Operation ID:**

data-cisco-cn-ipam-ipam-instance-instance-instance-id-address-pool-address-pool-pool-name-ipv4-prefix-range-prefix-range-prefix-range-length-prefix-delete

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

```

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

```

**Responses:**

"204":

  Description: No Content

  Content: {}

**security:**

- basicAuth: []

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

```

- data
- options

```

**Operation ID:**

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

**Parameters:**

```

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

```

```

 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: prefix-range-prefix
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: prefix-range-length
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32

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

Tags:
- data
- head

Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_prefix_range_prefix_range_prefix_prefix_range_length_prefix_head

```

```

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

```

```

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

```



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

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

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

**Responses:**

**"200":**

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data
- patch

**Operation ID:**

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

**Parameters:**

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

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

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

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

```

 Format: string
- Name: prefix-range-prefix
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: prefix-range-length
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range={prefix-range-prefix}/prefix-range-length={prefix-range-length}/length"

 Required/Optional: true

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

```

**Tags:**

- data
- get

**Operation ID:**

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

**Parameters:**

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

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

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

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

```

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

```

**Tags:**

```

- data
- put

```

**Operation ID:**

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

**Parameters:**

```

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

```

**Format:** string  
**- Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32

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

application/yang-data+json:

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

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

**Required/Optional:** true

**Responses:****"201":****Description:** leaf length created or replaced**Content:** {}**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**

- basicAuth: []

**x-codegen-request-body-name:** length**delete:****Tags:**

- data  
 - delete

**Operation ID:**

```
data-cisco-cn-ipam:ipam/instance-instance-id/address-pool-address-pool-pool-name-ipv4/prefix-range/prefix-range-prefix/prefix-range-length-length-delete
```

**Parameters:**

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

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

- **basicAuth:** []

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

- data
- options

**Operation ID:**

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

**Parameters:**

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

```

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

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

Tags:
- data
- head

Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_prefix_range_prefix_range_prefix_range_length_length_head

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

```



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

```

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

```

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

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

- data  
- patch

**Operation ID:**

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

**Parameters:**

```

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

```

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: prefix-range-prefix
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: prefix-range-length
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32

```

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

application/yang-data+json:

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

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

**Required/Optional:** true

**Responses:**

"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:**

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

```

- basicAuth: []
x-codegen-request-body-name: length
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range={prefix-range-prefix},{prefix-range-length}/offline
: get:

```

#### Tags:

- data
- get

#### Operation ID:

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

#### Parameters:

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

```

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

Responses:
"200":
 Description: OK
```

```

 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range/prefix-range-prefix/prefix-range-length/offline"

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

 Tags:
 - data
 - put
 Operation ID:
 data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range/prefix-range-prefix/prefix-range-length/offline.put

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

```

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: prefix-range-length
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: integer
 Format: uint32
Request Body:
Content:
 application/yang-data+json:
 Schema:
 Reference:
 "%/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range/prefix-range-length offline"
Required/Optional: true

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

Tags:

```

- data
- delete

**Operation ID:**

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

**Parameters:**

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

**Responses:**

"204":

**Description:** No Content

**Content:** {}

**security:**

- **basicAuth:** []

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

- data
- options

**Operation ID:**

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



**Parameters:**

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

**Responses:**

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

**security:**

- **basicAuth:** []

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

- data
- head

**Operation ID:**

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

**Parameters:**

- **Name:** instance-instance-id  
**In:** path

```

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

```

```

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

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

**security:**

```

- basicAuth: []

```

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

```

- data
- patch

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_prefix_range_prefix_range_prefix_range_length_offline_patch
```

**Parameters:**

```

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

```

```

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

```

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

application/yang-data+json:

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

```

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

```

**Required/Optional:** true**Responses:****"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_discovery/instance-id/address-pool-pool-name/v4/prefix-range-prefix/prefix-range-length/cidr-by-jan/default-gate/get
: get:

 Tags:
 - data
 - get
 Operation ID:
data_discovery/instance-id/address-pool-pool-name/v4/prefix-range-prefix/prefix-range-length/cidr-by-jan/default-gate/get

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

```

```

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

```

- trim
- explicit
- report-all-tagged

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

```
"/components/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range/prefix-range/prefix-range-length-disc-by-ip-and-fault-gate"
```

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

- **basicAuth:** []

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

- data
- put

**Operation ID:**

```
data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range/prefix-range/prefix-range-length-disc-by-ip-and-fault-gate/put
```

**Parameters:**

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

```

 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: prefix-range-prefix
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: prefix-range-length
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range-prefix-range-length"
 Required/Optional: true

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

```



```

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

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

data\_cisco\_cn\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_name\_ipv4\_prefix\_range\_prefix\_range\_prefix\_range\_prefix\_range\_length\_discriminator\_and\_default\_gateway\_delete

**Parameters:**

```

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

```

**Responses:**

```

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

```

**security:**

```

- basicAuth: []

```

**options:**

**Tags:**

- data
- options

**Operation ID:**

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

**Parameters:**

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

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

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

- data
- head

**Operation ID:**

data-cisco-cn-ipam:ipam:instance-instance-id:address-pool-pool-name:ipv4:prefix-range:prefix-range:prefix-range:prefix-range-length:cisco-cn-ipam:default:gateway

**Parameters:**

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

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

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

**patch:**

**Tags:**  
     - data  
     - patch  
**Operation ID:**

`data cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range={prefix-range-prefix-range-length}cisco-cn-ipam:default-gateway/path`

#### Parameters:

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** 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/leaf/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/prefix-range={prefix-range-prefix-range-length}cisco-cn-ipam:default-gateway"`

**Required/Optional:** true

#### Responses:

"204":

**Description:** leaf default-gateway updated

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

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

```

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

```

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

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_split_size_get

```

### Parameters:

```

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

```

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

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

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

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

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

**Responses:**  
  "200":

```

 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4_split-size"

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

 Tags:
 - data
 - put
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_instance-id_address_pool_address_pool_pool-name_ipv4_split_size_put

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

```



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

application/yang-data+json:

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

"/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size"

**Required/Optional:** true**Responses:****"201":****Description:** container split-size created or replaced**Content:** {}**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**

- basicAuth: []

**x-codegen-request-body-name:** split-size**Method:** Post**Tags:**

- data

- post

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance-id\_address\_pool\_address\_pool\_pool-name\_ipv4\_split\_size\_post

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

```

 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_split-size-post"

 Required/Optional: true

 Responses:
 "201":
 Description: container split-size created
 Content: {}
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: split-size
delete:

 Tags:
 - data
 - delete
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_split_size_delete

 Parameters:
 - Name: instance-instance-id
 In: path

```

```

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

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

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_split_size_options

```

```

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

Responses:
 "200":
 Description: OK
 Content: {}
 security:

```

```
- basicAuth: []
head:
```

**Tags:**

- data
- head

**Operation ID:**

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

**Parameters:**

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

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

#### Responses:

**"200":**  
     **Description:** OK  
     **Content:** {}

#### security:

- **basicAuth:** []

#### patch:

#### Tags:

- data  
 - patch

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_patch

#### Parameters:

**- Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/split-size/per-cache

```

 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4_split-size"

 Required/Optional: true

 Responses:
 "204":
 Description: container split-size updated
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: split-size

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/split-size/per-cache

get:

```

 Tags:
 - data
 - get
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address_pool_pool_name_ipv4_split_size_per_cache_get

```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** config  
     **enum:**  
         - config  
         - nonconfig  
         - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size\_per-cache"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []



**put:**

**Tags:**

- data
- put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_per\_cache\_put

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string

**Request Body:**

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size\_per-cache"

**Required/Optional:** true

**Responses:**

**"201":**

**Description:** leaf per-cache created or replaced

**Content:** {}

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

```

 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: per-cache
 delete:

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_per\_cache\_delete

**Parameters:**

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

**Responses:**

```

"204":
 Description: No Content
 Content: {}

```

```

security:
 - basicAuth: []

```

**options:**
**Tags:**

```

- data
- options

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_per\_cache\_options

**Parameters:**

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple

```

```

 Explode: false
 Schema:
 Type: string
 Format: leafref
 - Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []
head:

Tags:
- data
- head

Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_split_size_per_cache_head

```

```

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string

```

```

 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
"200":
 Description: OK
 Content: {}

```

```

 security:
 - basicAuth: []
 patch:

```

```

 Tags:
 - data
 - patch

```

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_per\_cache\_patch

#### Parameters:

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

#### Request Body:

```

 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

"#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_per\_cache"

```

 Required/Optional: true

```

#### Responses:

```

"204":
 Description: leaf per-cache updated
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/split-size/per-dp

```
"409":
 Description: Conflict
 Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: per-cache
```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/split-size/per-dp

get:

```
Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_split_size_per_dp_get
```

### Parameters:

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth

**In:** query

**Description:** limit the depth of nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** integer

**Format:** uint16

- **Name:** fields

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

#### Responses:

"200":

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size\_per-dp"

"204":

**Description:** No Content

```

 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
put:

Tags:
- data
- put
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_split_size_per_dp_put

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_split_size_per_dp"

 Required/Optional: true

```



**Responses:**

```

"201":
 Description: leaf per-dp created or replaced
 Content: {}
"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

**security:**

```
- basicAuth: []
```

```
x-codegen-request-body-name: per-dp
```

**delete:****Tags:**

```
- data
- delete
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_split_size_per_dp_delete
```

**Parameters:**

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

**Responses:**

```

 "204":
 Description: No Content
 Content: {}
 security:
 - basicAuth: []
 options:

 Tags:
 - data
 - options
 Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_split_size_per_dp_options

```

```

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

```

Responses:
"200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []
head:

```

```

 Tags:
 - data
 - head
 Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_split_size_per_dp_head

```

```

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:

```

```

 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults

```

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:** {}

**security:**

- basicAuth: []

**patch:**

**Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_per\_dp\_patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

**Request Body:**

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_per\_dp"

**Required/Optional:** true

**Responses:**

"204":

**Description:** leaf per-dp updated

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** per-dp

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/split-size/no-split

**get:**

**Tags:**

- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_no\_split\_get

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

```

Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string

```

**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4_split-size_no-split"
```

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**- **basicAuth:** []**put:****Tags:**

- data
- put

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address_pool_pool-name_ipv4_split_size_no_split_put
```

**Parameters:**- **Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string

```

 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address-pool-pool-name_ipv4_split-size_no-split"

 Required/Optional: true

Responses:
 "201":
 Description: leaf no-split created or replaced
 Content: {}
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: no-split
delete:

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address-pool-pool-name_ipv4_split-size_no-split_delete

Parameters:

```



- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string

**Responses:****"204":****Description:** No Content**Content:** {}**security:**

- **basicAuth:** []

**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_no\_split\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string

**Responses:****"200":****Description:** OK

```

 Content: {}
 security:
 - basicAuth: []
 head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_split_size_no_split_head
```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields

**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit  
         - report-all-tagged

**Responses:**

"200":  
     **Description:** OK  
     **Content:** {}

**security:**

- **basicAuth:** []

**patch:****Tags:**

- data  
 - patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_split\_size\_no\_split\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/threshold

```

 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_split-size_no-split"

 Required/Optional: true

 Responses:
 "204":
 Description: leaf no-split updated
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: no-split

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/threshold

get:

Tags:  
- data

- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_threshold\_get

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string

```

 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4_threshold"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```

security:
- basicAuth: []
put:

```

**Tags:**

```

- data
- put

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_threshold_put
```

**Parameters:**

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

**Request Body:**

```

Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```
"#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_threshold"
```

```
Required/Optional: true
```

**Responses:**

```

"201":
 Description: container threshold created or replaced
 Content: {}
"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}

```

```

 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: threshold
Method: Post

Tags:
- data
- post
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_threshold_post

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv4_threshold-post"

 Required/Optional: true

Responses:
 "201":
 Description: container threshold created
 Content: {}
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request

```



```

 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: threshold
delete:

```

**Tags:**

- data
- delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv4\_threshold\_delete

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string

**Responses:**

```

 "204":
 Description: No Content
 Content: {}

```

- ```

  security:
  - basicAuth: []

```

options:**Tags:**

- data

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/threshold

- options

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_threshold_options

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string

Responses:

"200":

Description: OK

Content: {}

security:

- **basicAuth:** []

head:

Tags:

- data
- head

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_threshold_head

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string

```

    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all

```

```

enum:
- report-all
- trim
- explicit
- report-all-tagged

```

Responses:

```

"200":
  Description: OK
  Content: {}

```

security:

```

- basicAuth: []

```

patch:**Tags:**

```

- data
- patch

```

Operation ID:

```
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_threshold_patch
```

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

Request Body:

```

Content:
  application/yang-data+json:
    Schema:
      Reference:

```

```
"/components/schemas/data_cisco-cn-ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_threshold"
```

```
Required/Optional: true
```

Responses:

```

"204":
  Description: container threshold updated
  Content: {}

```

```

"400":
  Description: Bad Request
  Content: {}

```

```

"401":
  Description: Unauthorized
  Content: {}
"404":
  Description: Not Found
  Content: {}
"405":
  Description: Method Not Allowed
  Content: {}
"409":
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: threshold

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/threshold/upper-threshold

get:

Tags:

- data
- get

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_threshold_upper_threshold_get

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form

```

Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

Responses:

```

    "200":
      Description: OK
      Content:
        application/yang-data+json:
          Schema:
            Reference:
              "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_threshold_upper-threshold"

    "204":
      Description: No Content
      Content: {}
    "400":
      Description: Bad Request
      Content: {}
    "401":
      Description: Unauthorized
      Content: {}
    "404":
      Description: Not Found
      Content: {}
    "405":
      Description: Method Not Allowed
      Content: {}
    "409":
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  put:

  Tags:
    - data
    - put
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance_instance-id_address_pool_address_pool_pool_name_ipv4_threshold_upper_threshold_put

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv4/threshold/upper-threshold

Format: string

Request Body:

Content:

application/yang-data+json:

Schema:

Reference:

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_threshold_upper-threshold"

Required/Optional: true

Responses:

"201":

Description: leaf upper-threshold created or replaced

Content: {}

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:

- basicAuth: []

x-codegen-request-body-name: upper-threshold

delete:

Tags:

- data

- delete

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv4_threshold_upper_threshold_delete

Parameters:

- **Name:** instance-instance-id

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref


```

- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

Responses:
  "204":
    Description: No Content
    Content: {}
  security:
    - basicAuth: []
options:

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_threshold_upper_threshold_options

```

```

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

Responses:
  "200":
    Description: OK
    Content: {}
  security:
    - basicAuth: []
head:

Tags:
- data
- head
Operation ID:

```

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_threshold_upper_threshold_head

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 - Type:** string
 - Format:** enumeration
 - Default:** config
 - enum:**
 - config
 - nonconfig
 - all
- **Name:** depth
In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 - Type:** integer
 - Format:** uint16
- **Name:** fields
In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 - Type:** string
 - Format:** string
- **Name:** filter

In: query

Description: xpath expression to filter data nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: string

- **Name:** with-defaults

In: query

Description: controlling default values in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: enumeration

Default: report-all

enum:

- report-all
- trim
- explicit
- report-all-tagged

Responses:

"200":

Description: OK

Content: {}

security:

- **basicAuth:** []

patch:

Tags:

- data
- patch

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv4_threshold_upper_threshold_patch

Parameters:

- **Name:** instance-instance-id

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

- **Name:** address-pool-pool-name

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6

```

    Type: string
    Format: string
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_threshold_upper-threshold"

    Required/Optional: true

  Responses:
    "204":
      Description: leaf upper-threshold updated
      Content: {}
    "400":
      Description: Bad Request
      Content: {}
    "401":
      Description: Unauthorized
      Content: {}
    "404":
      Description: Not Found
      Content: {}
    "405":
      Description: Method Not Allowed
      Content: {}
    "409":
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  x-codegen-request-body-name: upper-threshold

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6

```

get:

  Tags:
    - data
    - get
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance_instance-id_address_pool_address_pool_pool-name_ipv6_get

  Parameters:
    - Name: instance-instance-id
      In: path
      Required/Optional: true
      Style: simple

```

```
Explode: false
Schema:
  Type: string
  Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
```

Format: string

- **Name:** with-defaults

In: query

Description: controlling default values in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: enumeration

Default: report-all

enum:

- report-all
- trim
- explicit
- report-all-tagged

Responses:

"200":

Description: OK

Content:

application/yang-data+json:

Schema:

Reference:

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6"

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:

- **basicAuth:** []

put:

Tags:

- data
- put

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance-id_address_pool_address_pool_pool_name_ipv6_put

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string

Request Body:**Content:**

application/yang-data+json:

Schema:**Reference:**

"/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6"

Required/Optional: true**Responses:****"201":****Description:** container ipv6 created or replaced**Content:** {}**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**

- **basicAuth:** []

x-codegen-request-body-name: ipv6

Method: Post

Tags:

- data
- post

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_post

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string

Request Body:

Content:

application/yang-data+json:

Schema:

Reference:

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6-post"

Required/Optional: true

Responses:

"201":

Description: container ipv6 created

Content: {}

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed


```

    Content: {}
  "409":
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: ipv6
delete:

```

Tags:

```

- data
- delete

```

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_delete

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

Responses:

```

"204":
  Description: No Content
  Content: {}

```

```

  security:
  - basicAuth: []

```

options:**Tags:**

```

- data
- options

```

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_options

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple

```

```

    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string

  Responses:
    "200":
      Description: OK
      Content: {}
    security:
      - basicAuth: []
  head:

  Tags:
  - data
  - head
  Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_head

```

```

Parameters:
  - Name: instance-instance-id
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: content
    In: query
    Description: controlling descendant nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string

```

```

    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

Responses:
"200":
  Description: OK
  Content: {}

```

security:
 - **basicAuth:** []

patch:

Tags:
 - data
 - patch

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_patch

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
 - **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string

Request Body:

Content:
 application/yang-data+json:
Schema:
Reference:

"#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6"

Required/Optional: true

Responses:

"204":
Description: container ipv6 updated
Content: {}
 "400":
Description: Bad Request
Content: {}
 "401":
Description: Unauthorized
Content: {}
 "404":
Description: Not Found
Content: {}
 "405":
Description: Method Not Allowed
Content: {}

```

    "409":
      Description: Conflict
      Content: {}
    security:
      - basicAuth: []
    x-codegen-request-body-name: ipv6

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/split-prefix-iana-first

get:

```

    Tags:
      - data
      - get
    Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_split_prefix_iana_first_get

```

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 - Type:** string
 - Format:** enumeration
 - Default:** config
 - enum:**
 - config
 - nonconfig
 - all
- **Name:** depth

In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: integer
 Format: uint16
- Name: fields
In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: filter
In: query
Description: xpath expression to filter data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:

"200":
Description: OK
Content:
 application/yang-data+json:
 Schema:
 Reference:

"/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_split-prefix-iana-first"

"204":
Description: No Content

```

    Content: {}
  "400":
    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  put:

  Tags:
  - data
  - put
  Operation ID:
  data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_split_prefix_iana_first_put

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
        "#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_split_prefix_iana_first"

    Required/Optional: true

```

Responses:

```

"201":
  Description: leaf split-prefix-iana-first 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-prefix-iana-first
```

delete:**Tags:**

```
- data
- delete
```

Operation ID:

```
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_split_prefix_iana_first_delete
```

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

Responses:


```

    "204":
      Description: No Content
      Content: {}
      security:
        - basicAuth: []
      options:

```

```

      Tags:
        - data
        - options

```

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_split_prefix_iana_first_options

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

Responses:

```

    "200":
      Description: OK
      Content: {}

```

```

      security:
        - basicAuth: []

```

head:

```

      Tags:
        - data
        - head

```

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_split_prefix_iana_first_head

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:

```

```

    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults

```

In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - **basicAuth:** []

patch:

Tags:
 - data
 - patch

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_split_prefix_iana_first_patch

Parameters:
 - **Name:** instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
 - **Name:** address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:

"#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_split_prefix_iana_first"

Required/Optional: true

Responses:

"204":
Description: leaf split-prefix-iana-first 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-prefix-iana-first

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges

get:

Tags:

- data
 - get

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_get

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref

- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false

```

Schema:
  Type: string
  Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string

```

Format: enumeration

Default: report-all

enum:

- report-all
- trim
- explicit
- report-all-tagged

Responses:

"200":

Description: OK

Content:

application/yang-data+json:

Schema:

Reference:

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges"

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:

- basicAuth: []

put:

Tags:

- data
- put

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_put

Parameters:

- **Name:** instance-instance-id

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

```

    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges"

    Required/Optional: true

Responses:
  "201":
    Description: container address-ranges created or replaced
    Content: {}
  "204":
    Description: No Content
    Content: {}
  "400":
    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
  security:
    - basicAuth: []
  x-codegen-request-body-name: address-ranges
Method: Post

Tags:
- data
- post
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address_pool-pool-name_ipv6_address_ranges_post

Parameters:

```

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges-post"

      Required/Optional: true

Responses:
  "201":
    Description: container address-ranges created
    Content: {}
  "204":
    Description: No Content
    Content: {}
  "400":
    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: address-ranges
delete:

```


Tags:

- data
- delete

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_delete

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string

Responses:**"204":****Description:** No Content**Content:** {}**security:**

- **basicAuth:** []

options:**Tags:**

- data
- options

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_options

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false

Schema:

Type: string
Format: string

Responses:**"200":**

Description: OK
Content: {}

security:

- **basicAuth:** []

head:**Tags:**

- data
- head

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_head

Parameters:

- **Name:** instance-instance-id

In: path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref

- **Name:** address-pool-pool-name

In: path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** content

In: query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** config**enum:**

- config
- nonconfig
- all

- **Name:** depth

In: query**Description:** limit the depth of nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: integer
  Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

Responses:

```

"200":
  Description: OK
  Content: {}

```

security:

```

- basicAuth: []

```

patch:**Tags:**

```

- data
- patch

```

Operation ID:

```

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_patch

```

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string

Request Body:

- Content:**
 - application/yang-data+json:**
 - Schema:**
 - Reference:**

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges"

Required/Optional: true

Responses:

- "204":
 - Description:** container address-ranges updated
 - Content:** {}
- "400":
 - Description:** Bad Request
 - Content:** {}
- "401":
 - Description:** Unauthorized
 - Content:** {}
- "404":
 - Description:** Not Found
 - Content:** {}
- "405":
 - Description:** Method Not Allowed
 - Content:** {}
- "409":
 - Description:** Conflict
 - Content:** {}

security:

- **basicAuth:** []

x-codegen-request-body-name: address-ranges

?

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range

: options:

Tags:

- data
- options

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_address_range_options

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string

Responses:

"200":
Description: OK
Content: {}

security:

- **basicAuth:** []

?

/data/cisco-cn-ipam/ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address},{address-range-end-address}

: get:

Tags:

- data
- get

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_address_range_address_range_start_address_address_range_end_address_get

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true

```

```

Schema:
  Type: string
  Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

Responses:

```
"200":
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:
```

```
"#/ports/stas/cia/cis-crian/inare-inare-inare-idades-pol-ades-pal-pal-rae-ip6ades-rays ades-ray ades-ray-stat-ades ades-ray-en-ades"
```

```
"204":
  Description: No Content
  Content: {}

"400":
  Description: Bad Request
  Content: {}

"401":
  Description: Unauthorized
  Content: {}

"404":
  Description: Not Found
  Content: {}

"405":
  Description: Method Not Allowed
  Content: {}

"409":
```

Description: Conflict

Content: {}

security:

- **basicAuth:** []

put:

Tags:

- data

- put

Operation ID:

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}-address-range-end-address.put

Parameters:

- **Name:** instance-instance-id

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

- **Name:** address-pool-pool-name

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: string

- **Name:** address-range-start-address

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: string

- **Name:** address-range-end-address

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: string

- **Name:** insert

In: query

Description: controlling the order when adding new list elements

Required/Optional: false

Style: form

Explode: true

Schema:


```

    Type: string
    Format: enumeration
    Default: first
    enum:
    - first
    - last
    - before
    - after
- Name: point
  In: query
  Description: used to specify the insertion point
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        "%/components/schemas/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range/address-range-stat/address-range-entries"
    Required/Optional: true

Responses:
  "201":
    Description: list address-range created or replaced
    Content: {}
  "204":
    Description: No Content
    Content: {}
  "400":
    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: address-range
delete:

```

Tags:

- data
- delete

Operation ID:

data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}-address-range={address-range-end-address}/delete

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** address-range-start-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** address-range-end-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string

Responses:

"204":

Description: No Content

Content: {}

security:

- **basicAuth:** []

options:**Tags:**

- data
- options

Operation ID:

data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** address-range-start-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** address-range-end-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string

Responses:

"200":
Description: OK
Content: {}

security:

- **basicAuth:** []

head:

Tags:

- data
- head

Operation ID:

data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** address-range-start-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** address-range-end-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 - Type:** string
 - Format:** enumeration
 - Default:** config
 - enum:**
 - config
 - nonconfig
 - all
- **Name:** depth
In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true

Schema:

Type: integer
Format: uint16

- Name: fields

In: query

Description: optionally identify specific data nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string
Format: string

- Name: filter

In: query

Description: xpath expression to filter data nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string
Format: string

- Name: with-defaults

In: query

Description: controlling default values in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string
Format: enumeration
Default: report-all

enum:

- report-all
- trim
- explicit
- report-all-tagged

Responses:

"200":

Description: OK

Content: {}

security:

- **basicAuth:** []

patch:**Tags:**

- data
- patch

Operation ID:

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/{address-range-start-address-address-range-end-address-address-range-address-range}/patch

Parameters:

- **Name:** instance-instance-id

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

Request Body:**Content:****application/yang-data+json:****Schema:****Reference:**

```

"/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/{address-range-address-range-start-address-address-range-end-address-address-range-id}"

```

Required/Optional: true**Responses:****"204":****Description:** list address-range updated**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found

```

    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: address-range
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range-start-address,{address-range-end-address}/start-address
: get:

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_instance_instance_id_address_pool_pool_name_ipv6_address_ranges_address_range_address_range_start_address_address_range_end_address_start_address_get

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string

```

```

    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all

```



```

enum:
- report-all
- trim
- explicit
- report-all-tagged

```

Responses:**"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```

"/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv6/address-ranges/address-range={address-range-name}/address-range-statistics/address-range-statistics"

```

"204":**Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:****- basicAuth:** []**put:****Tags:**

```

- data
- put

```

Operation ID:

```

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv6/address-ranges/address-range={address-range-name}/address-range-statistics/address-range-statistics-put

```

Parameters:**- Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref**- Name:** address-pool-pool-name

Required/Optional: true

Description: Conflict
Content: {}
security:
 - **basicAuth:** []
x-codegen-request-body-name: start-address
delete:

Tags:
 - data
 - delete

Operation ID:

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}-address-range-end-address/delete

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** address-range-start-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** address-range-end-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string

Responses:

"204":
Description: No Content
Content: {}

security:

```
- basicAuth: []
options:
```

Tags:

```
- data
- options
```

Operation ID:

```
data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range-start-address/addresses
```

Parameters:

```
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
```

Responses:

```
"200":
  Description: OK
  Content: {}
```

security:

```
- basicAuth: []
```

head:

Tags:

- data
- head

Operation ID:

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** address-range-start-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** address-range-end-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
Type: string
Format: enumeration
Default: config
enum:
 - config
 - nonconfig
 - all

```

- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  "200":
    Description: OK
    Content: {}
  security:
    - basicAuth: []
patch:

Tags:
- data

```

- patch

Operation ID:

data-cisco-cn-ipam:instance-instance-id-address-pool-pool-name-ipv6-address-range-address-range-start-address-address-range-end-address-start-address-patch

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** address-range-start-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** address-range-end-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string

Request Body:

Content:

application/yang-data+json:

Schema:

Reference:

"/components/data-cisco-cn-ipam:instance-instance-id-address-pool-pool-name-ipv6-address-range-address-range-start-address-address-range-end-address-start-address"

Required/Optional: true

Responses:

"204":

Description: leaf start-address updated

Content: {}

"400":

Description: Bad Request

```

    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: start-address
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address},(address-range-end-address)/address-range-attributes
: get:

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_instance_instance_id_address_pool_pool_name_ipv6_address_ranges_address_range_start_address_address_range_end_address_address_range_attributes_get

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address

```



```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false

```

Style: form
Explode: true
Schema:
Type: string
Format: enumeration
Default: report-all
enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:

"200":
Description: OK
Content:
application/yang-data+json:
Schema:
Reference:

"/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-address-range-id}/address-range-entries"

"204":
Description: No Content
Content: {}
"400":
Description: Bad Request
Content: {}
"401":
Description: Unauthorized
Content: {}
"404":
Description: Not Found
Content: {}
"405":
Description: Method Not Allowed
Content: {}
"409":
Description: Conflict
Content: {}

security:
 - **basicAuth:** []

put:

Tags:
 - data
 - put

Operation ID:

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-address-range-id}/address-range-entries.put

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true

```

Style: simple
Explode: false
Schema:
  Type: string
  Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

Request Body:**Content:**

application/yang-data+json:

Schema:**Reference:**

```

"%C:/mnts/areas/cisco-cn-ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv6/address-ranges/address-range-start-address={address-range-start-address}/address-range-end-address={address-range-end-address}"

```

Required/Optional: true**Responses:****"201":****Description:** leaf end-address created or replaced**Content:** {}**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":**

```

    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: end-address
delete:

```

Tags:

```

- data
- delete

```

Operation ID:

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges={address-range-address-range-start-address-address-range-end-address-address-range-end-address}

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

Responses:**"204":****Description:** No Content**Content:** {}**security:****- basicAuth:** []**options:****Tags:**

- data
- options

Operation ID:

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}-address-range-end-address-operations

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** address-range-start-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** address-range-end-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string

Responses:**"200":****Description:** OK

```

    Content: {}
  security:
    - basicAuth: []
  head:

```

Tags:

```

- data
- head

```

Operation ID:

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** address-range-start-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** address-range-end-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 - Type:** string

```

    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

Responses:
"200":
  Description: OK
  Content: {}

```

"/coveys/streas/dia/cio/nion/instante/instante/instante/idades/polades/polades/polades/in6ades/ares/ades/ares/ades/ares/at-ades/ades/ades/ades/ades/ades"

Responses:**"204":****Description:** leaf end-address updated**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:****- basicAuth:** []**x-codegen-request-body-name:** end-address

?

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/ipv6/address-ranges/address-range={address-range-start-address},{address-range-end-address}/fire
: get:

Tags:

- data
- get

Operation ID:

data_cisco_cn_ipam_instance_instance_id_address_pool_pool_name_ipv6_address_ranges_address_range_start_address_address_range_end_address_offline_get

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** address-range-start-address
In: path
Required/Optional: true

```

    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:

```

```

    Type: string
    Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
        - report-all
        - trim
        - explicit
        - report-all-tagged

Responses:
  "200":
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            "%/components/schemas/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range/address-range-stat/address-range-end/address-range-offline"

  "204":
    Description: No Content
    Content: {}
  "400":
    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
  security:
    - basicAuth: []
  put:

Tags:
  - data
  - put
  Operation ID:
    data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range/address-range-stat/address-range-end/address-range-offline.put

```

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** address-range-start-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** address-range-end-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string

Request Body:**Content:**

application/yang-data+json:

Schema:**Reference:**

"/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/{address-range-start-address}/address-range-end-address-offline"

Required/Optional: true**Responses:****"201":****Description:** leaf offline created or replaced**Content:** {}**"204":****Description:** No Content**Content:** {}**"400":**

```

    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: offline
delete:

```

Tags:

- data
- delete

Operation ID:

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}-address-range-end-address/delete

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- **Name:** address-range-start-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- **Name:** address-range-end-address
In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: string

Responses:

"204":

Description: No Content

Content: {}

security:

- **basicAuth:** []

options:

Tags:

- data

- options

Operation ID:

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}-address-range-end-address-offline-operations

Parameters:

- **Name:** instance-instance-id

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

- **Name:** address-pool-pool-name

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: string

- **Name:** address-range-start-address

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: string

- **Name:** address-range-end-address

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string
Format: string

Responses:

"200":

Description: OK

Content: {}

security:

- **basicAuth:** []

head:

Tags:

- data
 - head

Operation ID:

data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}-address-range-end-address/offline/red

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** address-range-start-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** address-range-end-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** content
In: query

Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all

- **Name:** depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16

- **Name:** fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string

- **Name:** filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string

- **Name:** with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit

- report-all-tagged

Responses:

"200":

 Description: OK

 Content: {}

security:

- basicAuth: []

patch:

Tags:

- data
- patch

Operation ID:

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}-end-address/offline/patch

Parameters:

- **Name:** instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref

- **Name:** address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

- **Name:** address-range-start-address
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

- **Name:** address-range-end-address
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

Request Body:

Content:

 application/yang-data+json:

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges

Schema:

Reference:

"/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/{address-range-address-range-id}/address-range-address-range-id/offline"

Required/Optional: true

Responses:

"204":

Description: leaf offline updated

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:

- basicAuth: []

x-codegen-request-body-name: offline

?

"/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/{address-range-address-range-id}/address-range-address-range-id/offline"
: get:

Tags:

- data
- get

Operation ID:

data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/{address-range-address-range-id}/address-range-address-range-id/offline:post

Parameters:

- **Name:** instance-instance-id

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

- **Name:** address-pool-pool-name

In: path

Required/Optional: true

Style: simple

Explode: false

```

Schema:
  Type: string
  Format: string
- 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

```

- report-all-tagged

Reference:

[illegible]

Content: {}

```
- basicAuth: []
```

put:

Tags:

- data
- put

Operation ID:

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}-address-range-end-address:body:and-fault-gate

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** address-range-start-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** address-range-end-address
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string

Request Body:

Content:

application/yang-data+json:

Schema:

Reference:

"/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}-address-range-end-address:body:and-fault-gate"

Required/Optional: true

Responses:

"201":

```

    Description: leaf default-gateway created or replaced
    Content: {}
  "204":
    Description: No Content
    Content: {}
  "400":
    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: default-gateway
delete:

Tags:
- data
- delete
Operation ID:
data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}/address-range-end-address={address-range-end-address}/delete

```

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** address-range-start-address
In: path
Required/Optional: true
Style: simple

```

Explode: false
Schema:
  Type: string
  Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

Responses:

"204":

Description: No Content

Content: {}

security:

- **basicAuth:** []

options:**Tags:**

- data
- options

Operation ID:

data/cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/address-range={address-range-start-address}-{address-range-end-address}/update/ipv6/addresses

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

```
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

Responses:
  "200":
    Description: OK
    Content: {}
  security:
    - basicAuth: []

head:

Tags:
- data
- head

Operation ID:
```

```
Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-start-address
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: address-range-end-address
  In: path
  Required/Optional: true
  Style: simple
```



```

    Explode: false
    Schema:
      Type: string
      Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:

```

Responses:

Description: OK

security:

```
- basicAuth: []
```

patch:

Tags:

- data

- patch

Operation ID:

dadsonianinistareinstareinstaredadespoladespoloneip6adesruesadesrueadesruestatadesadesrueadesisobrandfaultdeavath

Parameters:

- **Name:** instance-instance-id

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

- **Name:** address-pool-pool-name

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: string

- **Name:** address-range-start-address

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: string

- **Name:** address-range-end-address

In: path

Required/Optional: true

Style: simple

```
Explode: false
```

```

Schema:
  Type: string
  Format: string
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          "/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range"

Required/Optional: true

Responses:
  "204":
    Description: leaf default-gateway updated
    Content: {}
  "400":
    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: default-gateway

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range

options:

Tags:

- data
- options

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_prefix_range_options

Parameters:

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range

Style: simple
Explode: false
Schema:
 Type: string
 Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string

Responses:

"200":
 Description: OK
 Content: {}

security:

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range={prefix-range-prefix},{prefix-range-length}

: get:

Tags:

- data
- get

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_prefix_range_prefix_range_prefix_prefix_range_length_get

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- **Name:** prefix-range-prefix
In: path
Required/Optional: true
Style: simple
Explode: false

```

Schema:
  Type: string
  Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string

```

- **Name:** with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
Type: string
Format: enumeration
Default: report-all
enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:

"200":
Description: OK
Content:
 application/yang-data+json:
 Schema:
 Reference:

"#/components/schemas/data-cisco-cn-ipam:ipam/instance-instance-id/address-pool-address-pool-pool-name-ipv6/address-ranges/prefix-range/prefix-range-length"

"204":
Description: No Content
Content: {}
 "400":
Description: Bad Request
Content: {}
 "401":
Description: Unauthorized
Content: {}
 "404":
Description: Not Found
Content: {}
 "405":
Description: Method Not Allowed
Content: {}
 "409":
Description: Conflict
Content: {}

security:
 - **basicAuth:** []

put:

Tags:
 - data
 - put

Operation ID:

data-cisco-cn-ipam:ipam/instance-instance-id/address-pool-address-pool-pool-name-ipv6/address-ranges/prefix-range/prefix-range-length.put

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** prefix-range-prefix
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** prefix-range-length
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** integer
 - Format:** uint32
- **Name:** insert
In: query
Description: controlling the order when adding new list elements
Required/Optional: false
Style: form
Explode: true
Schema:
 - Type:** string
 - Format:** enumeration
 - Default:** first
 - enum:**
 - first
 - last
 - before
 - after
- **Name:** point
In: query
Description: used to specify the insertion point
Required/Optional: false

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range

```

Style: form
Explode: true
Schema:
  Type: string
  Format: string
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          "%/components/schemas/data-cisco-cn-ipam:ipam/instance-instance-id/address-pool-address-pool-pool-name-ipv6/address-ranges/prefix-range/prefix-range/prefix-range-length"

  Required/Optional: true

Responses:
  "201":
    Description: list prefix-range created or replaced
    Content: {}
  "204":
    Description: No Content
    Content: {}
  "400":
    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: prefix-range
delete:

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_prefix_range_prefix_range_prefix_range_length_delete

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple

```



```

    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-prefix
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-length
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: integer
      Format: uint32

```

Responses:

"204":

 Description: No Content

 Content: {}

security:

- basicAuth: []

options:**Tags:**

- data
- options

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_prefix_range_prefix_range_prefix_range_length_options

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

```

- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- **Name:** prefix-range-prefix
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- **Name:** prefix-range-length
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: integer
 Format: uint32

Responses:

"200":

Description: OK **Content:** {}**security:**

- **basicAuth:** []

head:**Tags:**

- data
- head

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_prefix_range_prefix_range_prefix_range_prefix_range_length_head

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple

```

    Explode: false
    Schema:
      Type: string
      Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string

```

- **Name:** filter
 - In:** query
 - Description:** xpath expression to filter data nodes in response
 - Required/Optional:** false
 - Style:** form
 - Explode:** true
 - Schema:**
 - Type:** string
 - Format:** string
- **Name:** with-defaults
 - In:** query
 - Description:** controlling default values in response
 - Required/Optional:** false
 - Style:** form
 - Explode:** true
 - Schema:**
 - Type:** string
 - Format:** enumeration
 - Default:** report-all
 - enum:**
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:

"200":

Description: OK**Content:** {}**security:**

- **basicAuth:** []

patch:**Tags:**

- data
- patch

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_prefix_range_prefix_range_prefix_range_prefix_range_length_patch

Parameters:

- **Name:** instance-instance-id
 - In:** path
 - Required/Optional:** true
 - Style:** simple
 - Explode:** false
 - Schema:**
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
 - In:** path
 - Required/Optional:** true
 - Style:** simple
 - Explode:** false

```

    Schema:
      Type: string
      Format: string
  - Name: prefix-range-prefix
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-length
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: integer
      Format: uint32
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          "%/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range={prefix-range-prefix}/{prefix-range-length}"
  Required/Optional: true

Responses:
  "204":
    Description: list prefix-range updated
    Content: {}
  "400":
    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
security:
  - basicAuth: []
x-codegen-request-body-name: prefix-range
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range={prefix-range-prefix}/{prefix-range-length}/prefix-range-length

```

: get:

Tags:

- data
- get

Operation ID:

data_cisco_cn_ipam_instance_instance_id_address_pool_address_pool_name_ipv6_address_ranges_prefix_range_prefix_range_length_prefix_get

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** prefix-range-prefix
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** prefix-range-length
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** integer
 - Format:** uint32
- **Name:** content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 - Type:** string
 - Format:** enumeration
 - Default:** config
 - enum:**

```

- config
- nonconfig
- all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

Responses:**"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```
"204":
  Description: No Content
  Content: {}

"400":
  Description: Bad Request
  Content: {}

"401":
  Description: Unauthorized
  Content: {}

"404":
  Description: Not Found
  Content: {}

"405":
  Description: Method Not Allowed
  Content: {}

"409":
  Description: Conflict
  Content: {}
```

Tags:

- data
- put

[illegible]

```
- Name: instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
    Type: string
    Format: leafref

- Name: address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
    Type: string
    Format: string

- Name: prefix-range-prefix
In: path
Required/Optional: true
Style: simple
Explode: false
```



```

    Schema:
      Type: string
      Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          "%/components/schemas/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range/prefix-range-length/prefix-range-length"

    Required/Optional: true

Responses:
  "201":
    Description: leaf prefix created or replaced
    Content: {}
  "204":
    Description: No Content
    Content: {}
  "400":
    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: prefix
delete:

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_prefix_range_prefix_range_prefix_range_length_prefix_delete

```

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** prefix-range-prefix
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** prefix-range-length
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** integer
 - Format:** uint32

Responses:

"204":
Description: No Content
Content: {}

security:

- **basicAuth:** []

options:**Tags:**

- data
- options

Operation ID:

data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range/prefix-range-length/prefix-options

Parameters:

- **Name:** instance-instance-id
In: path

```

    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-prefix
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-length
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: integer
      Format: uint32

```

Responses:

```

"200":
  Description: OK
  Content: {}

```

security:

```

- basicAuth: []

```

head:**Tags:**

```

- data
- head

```

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_prefix_range_prefix_range_prefix_range_length_prefix_head

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:

```

```

    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response

```

ipam

```

    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32

```

Request Body:**Content:**

application/yang-data+json:

Schema:**Reference:**

```

"%/configs/aaa/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range/prefix-range-prefix-range-length-prefix"

```

Required/Optional: true**Responses:****"204":****Description:** leaf prefix updated**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict

```

    Content: {}
  security:
    - basicAuth: []
  x-codegen-request-body-name: prefix
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range={prefix-range-prefix},{prefix-range-length}/length
: get:

```

Tags:

- data
- get

Operation ID:

```
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_prefix_range_prefix_range_prefix_range_length_length_get
```

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- **Name:** prefix-range-prefix
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- **Name:** prefix-range-length
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: integer
 Format: uint32
- **Name:** content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form

```

Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

Responses:


```
"/components/stems/data/cisco-n-igmp_instance_instance-id_address_pool_address_pool-pool-name_ipv6_address_range_prefix+range_prefix+range_prefix+range+length_length"
```

```

    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/paths/{instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range/prefix-range-length"

    Required/Optional: true

Responses:
  "201":
    Description: leaf length created or replaced
    Content: {}
  "204":
    Description: No Content
    Content: {}
  "400":
    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: length
delete:

```

Tags:

- data
- delete

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_name_ipv6_address_ranges_prefix_range_prefix_range_prefix_range_length_length_delete

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** prefix-range-prefix
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** prefix-range-length
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: integer
Format: uint32

Responses:

"204":

Description: No Content

Content: {}

security:

- **basicAuth:** []

options:**Tags:**

- data
- options

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_prefix_range_prefix_range_prefix_range_prefix_range_length_length_options

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** prefix-range-prefix
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** prefix-range-length
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: integer
Format: uint32

Responses:

"200":
Description: OK
Content: {}

security:

- **basicAuth:** []

head:**Tags:**

- data
- head

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_prefix_range_prefix_range_prefix_range_prefix_range_length_length_head

Parameters:

- **Name:** instance-instance-id
 - In:** path
 - Required/Optional:** true
 - Style:** simple
 - Explode:** false
 - Schema:**
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
 - In:** path
 - Required/Optional:** true
 - Style:** simple
 - Explode:** false
 - Schema:**
 - Type:** string
 - Format:** string
- **Name:** prefix-range-prefix
 - In:** path
 - Required/Optional:** true
 - Style:** simple
 - Explode:** false
 - Schema:**
 - Type:** string
 - Format:** string
- **Name:** prefix-range-length
 - In:** path
 - Required/Optional:** true
 - Style:** simple
 - Explode:** false
 - Schema:**
 - Type:** integer
 - Format:** uint32
- **Name:** content
 - In:** query
 - Description:** controlling descendant nodes in response
 - Required/Optional:** false
 - Style:** form
 - Explode:** true
 - Schema:**
 - Type:** string
 - Format:** enumeration
 - Default:** config
 - enum:**
 - config
 - nonconfig
 - all
- **Name:** depth
 - In:** query
 - Description:** limit the depth of nodes in response
 - Required/Optional:** false
 - Style:** form

ipam

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32

```

Request Body:**Content:**

application/yang-data+json:

Schema:**Reference:**

"/components/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range={prefix-range-prefix}/prefix-range-length={prefix-range-length}"

Required/Optional: true

Responses:

"204":

Description: leaf length updated

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

```

    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: length
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range={prefix-range-prefix},{prefix-range-length}/offline
: get:

```

Tags:

- data
- get

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_prefix_range_prefix_range_prefix_range_length_offline_get

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- **Name:** prefix-range-prefix
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- **Name:** prefix-range-length
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:


```

    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range

Default: report-all

enum:

- report-all
- trim
- explicit
- report-all-tagged

Responses:

"200":

Description: OK

Content:

application/yang-data+json:

Schema:

Reference:

"/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range/prefix-range-length-offline"

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:

- basicAuth: []

put:

Tags:

- data
- put

Operation ID:

data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range/prefix-range-length-offline.put

Parameters:

- **Name:** instance-instance-id

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

```

- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32

```

Request Body:**Content:**

application/yang-data+json:

Schema:**Reference:**

```

"%/components/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range={prefix-range-prefix}/prefix-range-length={prefix-range-length}offline"

```

Required/Optional: true**Responses:****"201":****Description:** leaf offline created or replaced**Content:** {}**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}

```

    "409":
      Description: Conflict
      Content: {}
    security:
      - basicAuth: []
    x-codegen-request-body-name: offline
  delete:

```

Tags:

```

- data
- delete

```

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_prefix_range_prefix_range_prefix_range_prefix_range_length_offline_delete

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32

```

Responses:

```

    "204":
      Description: No Content
      Content: {}

```

```

    security:
      - basicAuth: []
  options:

```

Tags:

```

- data
- options

```

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_name_ipv6_address_ranges_prefix_range_prefix_range_prefix_range_prefix_range_length_options

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32

```

Responses:

```

"200":
  Description: OK
  Content: {}

```

```

  security:
    - basicAuth: []

```

```

head:

```

- data
- head

data	cisco	on	ipam	ipam	instance	instance	instance	id	address	pool	address	pool	pool	name	ip6	address	names	prefix	range	prefix	range	prefix	prefix	range	length	off	line	head

```
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32

- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
```

```

    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  "200":
    Description: OK
    Content: {}
  security:
    - basicAuth: []
patch:

Tags:
```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/prefix-range

- data
- patch

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_prefix_range_prefix_range_prefix_range_prefix_range_length_offline_patch

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** prefix-range-prefix
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** prefix-range-length
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: integer
Format: uint32

Request Body:

Content:
 application/yang-data+json:

Schema:

Reference:

"%/components/steas/data-cisco-cn-ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_prefix_range_prefix_range_prefix_range_prefix_range_length_offline"

Required/Optional: true

Responses:

- "204":
Description: leaf offline updated
Content: {}
- "400":


```

    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: offline

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/split-size

get:

```

Tags:
- data
- get

```

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_get

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response

```

```

Required/Optional: false
Style: form
Explode: true
Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

Responses:**"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

"/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size"

"204":**Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:****- basicAuth:** []**put:****Tags:****- data****- put****Operation ID:**

data_cisco_cn_ipam_ipam_instance_instance_instance-id_address_pool_address_pool_pool-name_ipv6_address_ranges_split_size_put

Parameters:**- Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref**- Name:** address-pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false

Schema:**Type:** string**Format:** string**Request Body:****Content:****application/yang-data+json:****Schema:****Reference:**

"/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size"

Required/Optional: true**Responses:****"201":****Description:** container split-size created or replaced**Content:** {}**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:****- basicAuth:** []**x-codegen-request-body-name:** split-size**Method:** Post**Tags:****- data****- post****Operation ID:**

data_cisco_cn_ipam_ipam_instance_instance-instance-id_address_pool_address_pool-pool-name_ipv6_address_ranges_split_size_post

Parameters:**- Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:**

```

    Type: string
    Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            "#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address-pool-pool-name_ipv6_address-ranges_split-size-post"

    Required/Optional: true

  Responses:
    "201":
      Description: container split-size created
      Content: {}
    "204":
      Description: No Content
      Content: {}
    "400":
      Description: Bad Request
      Content: {}
    "401":
      Description: Unauthorized
      Content: {}
    "404":
      Description: Not Found
      Content: {}
    "405":
      Description: Method Not Allowed
      Content: {}
    "409":
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: split-size
delete:

  Tags:
  - data
  - delete
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address_pool-pool-name_ipv6_address_ranges_split_size_delete

```

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string

Responses:

- "204":
 Description: No Content
 Content: {}

security:

- **basicAuth:** []

options:**Tags:**

- data
- options

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_options

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string

Responses:

- "200":

Description: OK

Content: {}

security:

- **basicAuth:** []

head:

Tags:

- data

- head

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_head

Parameters:

- **Name:** instance-instance-id

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

- **Name:** address-pool-pool-name

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: string

- **Name:** content

In: query

Description: controlling descendant nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: enumeration

Default: config

enum:

- config

- nonconfig

- all

- **Name:** depth

In: query

Description: limit the depth of nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: integer

Format: uint16

- **Name:** fields
 - In:** query
 - Description:** optionally identify specific data nodes in response
 - Required/Optional:** false
 - Style:** form
 - Explode:** true
 - Schema:**
 - Type:** string
 - Format:** string
- **Name:** filter
 - In:** query
 - Description:** xpath expression to filter data nodes in response
 - Required/Optional:** false
 - Style:** form
 - Explode:** true
 - Schema:**
 - Type:** string
 - Format:** string
- **Name:** with-defaults
 - In:** query
 - Description:** controlling default values in response
 - Required/Optional:** false
 - Style:** form
 - Explode:** true
 - Schema:**
 - Type:** string
 - Format:** enumeration
 - Default:** report-all
 - enum:**
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:

"200":

Description: OK**Content:** {}**security:**

- **basicAuth:** []

patch:**Tags:**

- data
- patch

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_patch

Parameters:

- **Name:** instance-instance-id
 - In:** path
 - Required/Optional:** true
 - Style:** simple


```

    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size"

    Required/Optional: true

  Responses:
    "204":
      Description: container split-size updated
      Content: {}
    "400":
      Description: Bad Request
      Content: {}
    "401":
      Description: Unauthorized
      Content: {}
    "404":
      Description: Not Found
      Content: {}
    "405":
      Description: Method Not Allowed
      Content: {}
    "409":
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: split-size
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/split-size/per-cache
: get:

  Tags:
  - data
  - get
  Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_cache_get

```

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 - Type:** string
 - Format:** enumeration
 - Default:** config
 - enum:**
 - config
 - nonconfig
 - all
- **Name:** depth
In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 - Type:** integer
 - Format:** uint16
- **Name:** fields
In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 - Type:** string
 - Format:** string
- **Name:** filter
In: query

Description: xpath expression to filter data nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: string

- **Name:** with-defaults

In: query

Description: controlling default values in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: enumeration

Default: report-all

enum:

- report-all
- trim
- explicit
- report-all-tagged

Responses:

"200":

Description: OK

Content:

application/yang-data+json:

Schema:

Reference:

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_per-addr"

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:

- **basicAuth:** []

put:

Tags:

- data
- put

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_cache_put

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string

Request Body:**Content:**

application/yang-data+json:

Schema:**Reference:**

"#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_cache"

Required/Optional: true

Responses:

"201":

Description: leaf per-cache created or replaced

Content: {}

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

```

    "409":
      Description: Conflict
      Content: {}
    security:
      - basicAuth: []
    x-codegen-request-body-name: per-cache
  delete:

```

```

  Tags:
    - data
    - delete

```

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_cache_delete

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

Responses:

```

    "204":
      Description: No Content
      Content: {}
    security:
      - basicAuth: []
  options:

```

```

  Tags:
    - data
    - options

```

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_cache_options

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false

```

Schema:**Type:** string**Format:** leafref**- Name:** address-pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**Responses:****"200":****Description:** OK**Content:** {}**security:****- basicAuth:** []**head:****Tags:****- data****- head****Operation ID:**

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_cache_head

Parameters:**- Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref**- Name:** address-pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** content**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration

```
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged
```

```
Responses:
  "200":
    Description: OK
    Content: {}
security:
```

- basicAuth: []
patch:

Tags:

- data
- patch

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_cache_patch

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string

Request Body:

Content:
application/yang-data+json:
Schema:

Reference:

"/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_cache"

Required/Optional: true

Responses:

- "204":
Description: leaf per-cache updated
Content: {}
- "400":
Description: Bad Request
Content: {}
- "401":
Description: Unauthorized
Content: {}
- "404":
Description: Not Found
Content: {}
- "405":
Description: Method Not Allowed
Content: {}
- "409":


```

      Description: Conflict
      Content: {}
    security:
      - basicAuth: []
    x-codegen-request-body-name: per-cache
  ?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/split-size/per-cache
: get:

```

Tags:

- data
- get

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_cache_get

Parameters:

- **Name:** instance-instance-id
 - In:** path
 - Required/Optional:** true
 - Style:** simple
 - Explode:** false
 - Schema:**
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
 - In:** path
 - Required/Optional:** true
 - Style:** simple
 - Explode:** false
 - Schema:**
 - Type:** string
 - Format:** string
- **Name:** content
 - In:** query
 - Description:** controlling descendant nodes in response
 - Required/Optional:** false
 - Style:** form
 - Explode:** true
 - Schema:**
 - Type:** string
 - Format:** enumeration
 - Default:** config
 - enum:**
 - config
 - nonconfig
 - all
- **Name:** depth
 - In:** query
 - Description:** limit the depth of nodes in response
 - Required/Optional:** false
 - Style:** form
 - Explode:** true

Schema:**Type:** integer**Format:** uint16**- Name:** fields**In:** query**Description:** optionally identify specific data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** string**- Name:** filter**In:** query**Description:** xpath expression to filter data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** string**- Name:** with-defaults**In:** query**Description:** controlling default values in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** report-all**enum:**

- report-all
- trim
- explicit
- report-all-tagged

Responses:**"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```
"/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_per-dp"
```

"204":**Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":**

```

    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
put:

```

Tags:

```

- data
- put

```

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_dp_put

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

Request Body:

```

Content:
  application/yang-data+json:
    Schema:
      Reference:

```

"#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_dp"

Required/Optional: true

Responses:

```

"201":
  Description: leaf per-dp created or replaced
  Content: {}
"204":

```

```

    Description: No Content
    Content: {}
  "400":
    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: per-dp
delete:

```

```

Tags:
- data
- delete

```

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_dp_delete

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

Responses:

```

  "204":
    Description: No Content
    Content: {}
security:
- basicAuth: []

```

options:**Tags:**

- data
- options

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_dp_options

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string

Responses:

"200":
Description: OK
Content: {}

security:

- **basicAuth:** []

head:**Tags:**

- data
- head

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_dp_head

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true

```

Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true

```

Schema:

Type: string
Format: enumeration
Default: report-all
enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:

"200":
Description: OK
Content: {}
security:
 - **basicAuth:** []

patch:**Tags:**

- data
 - patch

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_dp_patch

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
 - **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string

Request Body:

Content:
 application/yang-data+json:
Schema:
Reference:

"#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_per_dp"

Required/Optional: true

Responses:

"204":
Description: leaf per-dp updated

```

    Content: {}
  "400":
    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: per-dp
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/split-size/no-split
: get:

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_no_split_get

```

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true


```

Schema:
  Type: string
  Format: enumeration
  Default: config
  enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  "200":

```

```

    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_no-split"

    "204":
      Description: No Content
      Content: {}
    "400":
      Description: Bad Request
      Content: {}
    "401":
      Description: Unauthorized
      Content: {}
    "404":
      Description: Not Found
      Content: {}
    "405":
      Description: Method Not Allowed
      Content: {}
    "409":
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  put:

  Tags:
    - data
    - put
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance_instance-id_address_pool_address_pool_pool-name_ipv6_address_ranges_split_size_no_split_put

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

Request Body:**Content:**

application/yang-data+json:

Schema:**Reference:**

"/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address_pool_address-pool-pool-name_ipv6_address-ranges_split-size_no-split"

Required/Optional: true**Responses:****"201":****Description:** leaf no-split created or replaced**Content:** {}**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**

- basicAuth: []

x-codegen-request-body-name: no-split**delete:****Tags:**- data
- delete**Operation ID:**

data_cisco_cn_ipam_ipam_instance_instance_instance-id_address_pool_address_pool_pool-name_ipv6_address_ranges_split_size_no_split_delete

Parameters:- **Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref- **Name:** address-pool-pool-name

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string

Responses:

"204":
 Description: No Content
 Content: {}

security:

- **basicAuth:** []

options:

Tags:

- data
- options

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_no_split_options

Parameters:

- **Name:** instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
 - **Name:** address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

Responses:

"200":
 Description: OK
 Content: {}

security:

- **basicAuth:** []

head:

Tags:

- data
- head

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_no_split_head

Parameters:

- **Name:** instance-instance-id
 - In:** path
 - Required/Optional:** true
 - Style:** simple
 - Explode:** false
 - Schema:**
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
 - In:** path
 - Required/Optional:** true
 - Style:** simple
 - Explode:** false
 - Schema:**
 - Type:** string
 - Format:** string
- **Name:** content
 - In:** query
 - Description:** controlling descendant nodes in response
 - Required/Optional:** false
 - Style:** form
 - Explode:** true
 - Schema:**
 - Type:** string
 - Format:** enumeration
 - Default:** config
 - enum:**
 - config
 - nonconfig
 - all
- **Name:** depth
 - In:** query
 - Description:** limit the depth of nodes in response
 - Required/Optional:** false
 - Style:** form
 - Explode:** true
 - Schema:**
 - Type:** integer
 - Format:** uint16
- **Name:** fields
 - In:** query
 - Description:** optionally identify specific data nodes in response
 - Required/Optional:** false
 - Style:** form
 - Explode:** true
 - Schema:**
 - Type:** string
 - Format:** string
- **Name:** filter

In: query

Description: xpath expression to filter data nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: string

- **Name:** with-defaults

In: query

Description: controlling default values in response

Required/Optional: false

Style: form

Explode: true

Schema:

Type: string

Format: enumeration

Default: report-all

enum:

- report-all
- trim
- explicit
- report-all-tagged

Responses:

"200":

Description: OK

Content: {}

security:

- **basicAuth:** []

patch:

Tags:

- data
- patch

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_split_size_no_split_patch

Parameters:

- **Name:** instance-instance-id

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

- **Name:** address-pool-pool-name

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

```

    Type: string
    Format: string
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address_pool_address-pool-pool-name_ipv6_address-ranges_split-size_no-split"

    Required/Optional: true

  Responses:
    "204":
      Description: leaf no-split updated
      Content: {}
    "400":
      Description: Bad Request
      Content: {}
    "401":
      Description: Unauthorized
      Content: {}
    "404":
      Description: Not Found
      Content: {}
    "405":
      Description: Method Not Allowed
      Content: {}
    "409":
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  x-codegen-request-body-name: no-split

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/threshold

get:

```

  Tags:
    - data
    - get
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance-instance-id_address_pool_address-pool-pool-name_ipv6_address_ranges_threshold_get

  Parameters:
    - Name: instance-instance-id
      In: path
      Required/Optional: true
      Style: simple

```

```

    Explode: false
    Schema:
      Type: string
      Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string

```



```

    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

Responses:
  "200":
    Description: OK
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold"

  "204":
    Description: No Content
    Content: {}
  "400":
    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
  security:
    - basicAuth: []
  put:

  Tags:
    - data
    - put
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance-instance-id_address_pool_address_pool-pool-name_ipv6_address_ranges_threshold_put

```

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string

Request Body:

- Content:**
 - application/yang-data+json:**
 - Schema:**
 - Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold"
```

Required/Optional: true

Responses:

- "201":
 - Description:** container threshold created or replaced
 - Content:** {}
- "204":
 - Description:** No Content
 - Content:** {}
- "400":
 - Description:** Bad Request
 - Content:** {}
- "401":
 - Description:** Unauthorized
 - Content:** {}
- "404":
 - Description:** Not Found
 - Content:** {}
- "405":
 - Description:** Method Not Allowed
 - Content:** {}
- "409":
 - Description:** Conflict
 - Content:** {}

security:

- **basicAuth:** []

x-codegen-request-body-name: threshold

Method: Post

Tags:

- data
- post

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_post

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string

Request Body:

Content:

application/yang-data+json:

Schema:

Reference:

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_post"

Required/Optional: true

Responses:

"201":

Description: container threshold created

Content: {}

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

```

    Content: {}
  "409":
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: threshold
delete:

```

Tags:

```

- data
- delete

```

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_delete

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

Responses:

```

"204":
  Description: No Content
  Content: {}

```

```

security:
- basicAuth: []

```

options:**Tags:**

```

- data
- options

```

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_options

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple

```

```

    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string

Responses:
  "200":
    Description: OK
    Content: {}
  security:
    - basicAuth: []
head:

Tags:
- data
- head

Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_head

```

```

Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string

```

```

    Format: enumeration
    Default: config
    enum:
    - config
    - nonconfig
    - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
    - report-all
    - trim
    - explicit
    - report-all-tagged

```

Responses:

```

"200":
  Description: OK
  Content: {}

```

```

    security:
      - basicAuth: []
  patch:

```

```

  Tags:
  - data
  - patch

```

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_patch

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

Request Body:

```

  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

"#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold"

```

    Required/Optional: true

```

Responses:

```

"204":
  Description: container threshold updated
  Content: {}
"400":
  Description: Bad Request
  Content: {}
"401":
  Description: Unauthorized
  Content: {}
"404":
  Description: Not Found
  Content: {}
"405":
  Description: Method Not Allowed
  Content: {}

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/threshold

```

    "409":
      Description: Conflict
      Content: {}
    security:
      - basicAuth: []
      x-codegen-request-body-name: threshold
  ?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/address-ranges/threshold/upper-threshold
: get:

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_upper_threshold_get

```

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 - Type:** string
 - Format:** enumeration
 - Default:** config
 - enum:**
 - config
 - nonconfig
 - all
- **Name:** depth
In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form


```

    Explode: true
    Schema:
      Type: integer
      Format: uint16
  - Name: fields
    In: query
    Description: optionally identify specific data nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: string
  - Name: filter
    In: query
    Description: xpath expression to filter data nodes in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: string
  - Name: with-defaults
    In: query
    Description: controlling default values in response
    Required/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: enumeration
      Default: report-all
      enum:
        - report-all
        - trim
        - explicit
        - report-all-tagged

```

Responses:

```

"200":
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

"#{@components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold_upper-threshold}"

```

```

"204":
  Description: No Content
  Content: {}
"400":
  Description: Bad Request
  Content: {}

```

```

    "401":
      Description: Unauthorized
      Content: {}
    "404":
      Description: Not Found
      Content: {}
    "405":
      Description: Method Not Allowed
      Content: {}
    "409":
      Description: Conflict
      Content: {}
  security:
    - basicAuth: []
  put:

  Tags:
    - data
    - put
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_upper_threshold_put

  Parameters:
    - Name: instance-instance-id
      In: path
      Required/Optional: true
      Style: simple
      Explode: false
      Schema:
        Type: string
        Format: leafref
    - Name: address-pool-pool-name
      In: path
      Required/Optional: true
      Style: simple
      Explode: false
      Schema:
        Type: string
        Format: string
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            "#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_upper_threshold"

    Required/Optional: true

  Responses:
    "201":
      Description: leaf upper-threshold created or replaced
      Content: {}

```

```

"204":
  Description: No Content
  Content: {}
"400":
  Description: Bad Request
  Content: {}
"401":
  Description: Unauthorized
  Content: {}
"404":
  Description: Not Found
  Content: {}
"405":
  Description: Method Not Allowed
  Content: {}
"409":
  Description: Conflict
  Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: upper-threshold
delete:

```

Tags:

```

- data
- delete

```

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_upper_threshold_delete

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

```

Responses:

```

"204":
  Description: No Content
  Content: {}
security:

```

- basicAuth: []
options:

Tags:

- data
- options

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_upper_threshold_options

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string

Responses:

"200":
Description: OK
Content: {}

security:

- basicAuth: []

head:

Tags:

- data
- head

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_upper_threshold_head

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path

```

Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: string
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form

```

Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:

"200":
 Description: OK
 Content: {}

security:

- **basicAuth:** []

patch:**Tags:**

- data
- patch

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_upper_threshold_patch

Parameters:

- **Name:** instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- **Name:** address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

Request Body:

Content:
 application/yang-data+json:
 Schema:
 Reference:

"#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_address_ranges_threshold_upper_threshold"

Required/Optional: true

Responses:

"204":

```

    Description: leaf upper-threshold updated
    Content: {}
  "400":
    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: upper-threshold

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges

get:

Tags:

- data
- get

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_get

Parameters:

- Name: instance-instance-id
 - In: path
 - Required/Optional: true
 - Style: simple
 - Explode: false
 - Schema:
 - Type: string
 - Format: leafref
- Name: address-pool-pool-name
 - In: path
 - Required/Optional: true
 - Style: simple
 - Explode: false
 - Schema:
 - Type: string
 - Format: string

- **Name:** content
 - In:** query
 - Description:** controlling descendant nodes in response
 - Required/Optional:** false
 - Style:** form
 - Explode:** true
 - Schema:**
 - Type:** string
 - Format:** enumeration
 - Default:** config
 - enum:**
 - config
 - nonconfig
 - all
- **Name:** depth
 - In:** query
 - Description:** limit the depth of nodes in response
 - Required/Optional:** false
 - Style:** form
 - Explode:** true
 - Schema:**
 - Type:** integer
 - Format:** uint16
- **Name:** fields
 - In:** query
 - Description:** optionally identify specific data nodes in response
 - Required/Optional:** false
 - Style:** form
 - Explode:** true
 - Schema:**
 - Type:** string
 - Format:** string
- **Name:** filter
 - In:** query
 - Description:** xpath expression to filter data nodes in response
 - Required/Optional:** false
 - Style:** form
 - Explode:** true
 - Schema:**
 - Type:** string
 - Format:** string
- **Name:** with-defaults
 - In:** query
 - Description:** controlling default values in response
 - Required/Optional:** false
 - Style:** form
 - Explode:** true
 - Schema:**
 - Type:** string
 - Format:** enumeration
 - Default:** report-all
 - enum:**

- report-all
- trim
- explicit
- report-all-tagged

Responses:**"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges"
```

"204":**Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**

- **basicAuth:** []

put:**Tags:**

- data
- put

Operation ID:

```
data_cisco_cn_ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_put
```

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path

```

    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
    Request Body:
      Content:
        application/yang-data+json:
          Schema:
            Reference:
              "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges"

    Required/Optional: true

  Responses:
    "201":
      Description: container prefix-ranges created or replaced
      Content: {}
    "204":
      Description: No Content
      Content: {}
    "400":
      Description: Bad Request
      Content: {}
    "401":
      Description: Unauthorized
      Content: {}
    "404":
      Description: Not Found
      Content: {}
    "405":
      Description: Method Not Allowed
      Content: {}
    "409":
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: prefix-ranges
  Method: Post

  Tags:
  - data
  - post
  Operation ID:
    data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_post

  Parameters:
  - Name: instance-instance-id
    In: path
    Required/Optional: true

```

```

    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges-post"

    Required/Optional: true

Responses:
  "201":
    Description: container prefix-ranges created
    Content: {}
  "204":
    Description: No Content
    Content: {}
  "400":
    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: prefix-ranges
delete:

Tags:
- data
- delete
Operation ID:

```

data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_delete

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string

Responses:

"204":
 Description: No Content
 Content: {}

security:

- **basicAuth:** []

options:

Tags:

- data
- options

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_options

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string

Responses:**"200":****Description:** OK**Content:** {}**security:****- basicAuth:** []**head:****Tags:**

- data
- head

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_head

Parameters:**- Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref**- Name:** address-pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** content**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** config**enum:**

- config
- nonconfig
- all

- Name: depth**In:** query**Description:** limit the depth of nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

```

    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

Responses:

```

"200":
  Description: OK
  Content: {}

```

security:

```

- basicAuth: []

```

patch:**Tags:**

```

- data
- patch

```

Operation ID:

```

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_patch

```

Parameters:

```

- Name: instance-instance-id
  In: path

```

```

    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
            "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges"

    Required/Optional: true

  Responses:
    "204":
      Description: container prefix-ranges updated
      Content: {}
    "400":
      Description: Bad Request
      Content: {}
    "401":
      Description: Unauthorized
      Content: {}
    "404":
      Description: Not Found
      Content: {}
    "405":
      Description: Method Not Allowed
      Content: {}
    "409":
      Description: Conflict
      Content: {}
  security:
  - basicAuth: []
  x-codegen-request-body-name: prefix-ranges

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range

options:

Tags:

- data
- options

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_prefix_range_options

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string

Responses:

"200":
Description: OK
Content: {}

security:

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range={prefix-range-prefix},{prefix-range-length}

: get:

Tags:

- data
- get

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_prefix_range_prefix_range_prefix_range_length_get

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path


```

    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:

```

```

    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

Responses:

```

"200":
  Description: OK
  Content:
    application/yang-data+json:
      Schema:
        Reference:

```

```

"/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range/prefix-range-legit"

```

```

"204":
  Description: No Content
  Content: {}
"400":
  Description: Bad Request
  Content: {}
"401":
  Description: Unauthorized
  Content: {}
"404":
  Description: Not Found
  Content: {}
"405":
  Description: Method Not Allowed
  Content: {}
"409":
  Description: Conflict

```

```

    Content: {}
  security:
    - basicAuth: []
  put:

```

Tags:

```

- data
- put

```

Operation ID:

```

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_prefix_range_prefix_range_prefix_range_prefix_range_length_put

```

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: insert
  In: query
  Description: controlling the order when adding new list elements
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range

```

    Format: enumeration
    Default: first
    enum:
    - first
    - last
    - before
    - after
- Name: point
  In: query
  Description: used to specify the insertion point
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference:
          "%/operations/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range/prefix-range-legit"
    Required/Optional: true

Responses:
  "201":
    Description: list prefix-range created or replaced
    Content: {}
  "204":
    Description: No Content
    Content: {}
  "400":
    Description: Bad Request
    Content: {}
  "401":
    Description: Unauthorized
    Content: {}
  "404":
    Description: Not Found
    Content: {}
  "405":
    Description: Method Not Allowed
    Content: {}
  "409":
    Description: Conflict
    Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: prefix-range
delete:

Tags:

```

- data
- delete

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_prefix_range_prefix_range_prefix_range_length_delete

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** prefix-range-prefix
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** prefix-range-length
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: integer
Format: uint32

Responses:

"204":

Description: No Content

Content: {}

security:

- **basicAuth:** []

options:**Tags:**

- data
- options

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_prefix_range_prefix_range_prefix_range_length_options

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** prefix-range-prefix
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** prefix-range-length
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: integer
Format: uint32

Responses:

"200":
Description: OK
Content: {}

security:

- **basicAuth:** []

head:**Tags:**

- data
- head

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_prefix_range_prefix_range_prefix_range_length_head

Parameters:

- **Name:** instance-instance-id
In: path

```

Required/Optional: true
Style: simple
Explode: false
Schema:
  Type: string
  Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
  In: query
  Description: controlling descendant nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: config
    enum:
      - config
      - nonconfig
      - all
- Name: depth
  In: query
  Description: limit the depth of nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer

```

```

    Format: uint16
- Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: filter
  In: query
  Description: xpath expression to filter data nodes in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
- Name: with-defaults
  In: query
  Description: controlling default values in response
  Required/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: enumeration
    Default: report-all
    enum:
      - report-all
      - trim
      - explicit
      - report-all-tagged

```

Responses:

"200":

 Description: OK

 Content: {}

security:

- basicAuth: []

patch:**Tags:**

- data
- patch

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_prefix_range_prefix_range_prefix_range_length_patch

Parameters:

```

- Name: instance-instance-id
  In: path
  Required/Optional: true

```



```

    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: leafref
  - Name: address-pool-pool-name
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-prefix
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-length
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: integer
      Format: uint32

```

Request Body:**Content:**

application/yang-data+json:

Schema:

Reference:

```

"/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range/prefix-range-length"

```

Required/Optional: true**Responses:****"204":****Description:** list prefix-range updated**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":**

Tags:

- data
- get

Operation ID:

data disco on ipan ipan instance instance instance id address pool address pool pool name ip6 prefix range prefix range prefix range prefix range prefix range length prefix get

```
Parameters:
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref
- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string
- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
- Name: content
```

In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all

- **Name:** depth
In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: integer
 Format: uint16

- **Name:** fields
In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string

- **Name:** filter
In: query
Description: xpath expression to filter data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string

- **Name:** with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all

Responses:

Description: OK

```
application/yang-data+json:
```

Reference:

"204":

Description: No Content

Content: {}

"400":

Description: 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:

Parameters:

- **Name:** instance-instance-id

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: leafref

- **Name:** address-pool-pool-name

In: path

Required/Optional: true

```

    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-prefix
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: string
      Format: string
  - Name: prefix-range-length
    In: path
    Required/Optional: true
    Style: simple
    Explode: false
    Schema:
      Type: integer
      Format: uint32
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference:
        %3C%2Fdata%3D%2Fdata-cisco-cn-ipam%3Aipam%3Ainstance-instance-id%3Fpool=address-pool-pool-name%2Fipv6%2Fprefix-ranges%2Fprefix-range%2Fprefix-range-length%3E
    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: {}

```

Tags:

- data
- delete

Operation ID:

data disco on ipam ipam instance instance id address pool address pool pool name ipv6 prefix range prefix range prefix range prefix range length prefix delete

```
- Name: instance-instance-id
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: leafref

- Name: address-pool-pool-name
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

- Name: prefix-range-prefix
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: string
    Format: string

- Name: prefix-range-length
  In: path
  Required/Optional: true
  Style: simple
  Explode: false
  Schema:
    Type: integer
    Format: uint32
```

```
"204":
  Description: No Content
  Content: {}
```

ipam

Tags:

- data
- options

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_pool_name_ipv6_prefix_ranges_prefix_range_prefix_range_length_options

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** prefix-range-prefix
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: string
Format: string
- **Name:** prefix-range-length
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
Type: integer
Format: uint32

Responses:

"200":
Description: OK
Content: {}

security:

- **basicAuth:** []

head:**Tags:**

- data
- head

Operation ID:

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_prefix_range_prefix_range_prefix_range_length_prefix_range

Parameters:

- **Name:** instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** leafref
- **Name:** address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** prefix-range-prefix
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** string
 - Format:** string
- **Name:** prefix-range-length
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 - Type:** integer
 - Format:** uint32
- **Name:** content
In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 - Type:** string
 - Format:** enumeration
 - Default:** config
 - enum:**
 - config
 - nonconfig
 - all
- **Name:** depth
In: query

Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: integer
 Format: uint16
- Name: fields
In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: filter
In: query
Description: xpath expression to filter data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - **basicAuth:** []

patch:

Tags:
 - data
 - patch
Operation ID:

Parameters:

- ```
- Name: instance-instance-id
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: leafref

- Name: address-pool-pool-name
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string

- Name: prefix-range-prefix
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string

- Name: prefix-range-length
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: integer
 Format: uint32
```

**Request Body:**

Content:

```
application/yang-data+json:
```

**Schema :**

**Reference:**

```
"#/components/schemas/data-discovery-instances-pool-addresses-pool-name-ip6-prefix-attributes-prefix-attributes-prefix-attributes-prefix-length-prefix"
```

**Required/Optional:** true

**Responses:**

**"204":**

**Description:** leaf prefix updated

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

"401":

```

 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: prefix
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range={prefix-range-prefix},{prefix-range-length}/length
: get:

```

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_length\_length\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true

```

Style: simple
Explode: false
Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true

```

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:****"200":****Description:** OK**Content:**

application/yang-data+json:

**Schema:****Reference:**

```

"%/components/cisco-cn-ipam/ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range/prefix-range-length-tagged"

```

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**- **basicAuth:** []**put:****Tags:**

- data  
 - put

**Operation ID:**

```

data-cisco-cn-ipam/ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range/prefix-range-length-tagged.put

```

**Parameters:**- **Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false

```

Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: prefix-range-prefix
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: prefix-range-length
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32

```

**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

```

"/components/leafref/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range/prefix-range-length"

```

**Required/Optional:** true**Responses:****"201":****Description:** 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\_instance\_instance\_id\_address\_pool\_pool\_name\_ipv6\_prefix\_range\_prefix\_range\_prefix\_range\_prefix\_range\_length\_length\_delete

**Parameters:**

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: prefix-range-prefix
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: prefix-range-length
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32

```

**Responses:**

"204":

**Description:** No Content

**Content:** {}

**security:**

- **basicAuth:** []

**options:**

**Tags:**

- data

- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_prefix\_range\_prefix\_range\_length\_length\_options

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** prefix-range-prefix

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** prefix-range-length

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** integer

**Format:** uint32

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**



- basicAuth: []  
head:

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_prefix\_range\_length\_length\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** config

```

 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
security:
- basicAuth: []

```

**patch:****Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_range\_prefix\_range\_prefix\_range\_prefix\_range\_prefix\_range\_length\_length\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32

**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

"/components/structs/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_range\_prefix\_range\_prefix\_range\_prefix\_range\_prefix\_range\_length\_length"

**Required/Optional:** true

**Responses:**

"204":

```

 Description: leaf length updated
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: length
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range={prefix-range-prefix},{prefix-range-length}/offline
: get:

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_prefix_range_prefix_range_prefix_range_length_offline_get

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: prefix-range-prefix
 In: path
 Required/Optional: true
 Style: simple
 Explode: false

```

```
Schema:
 Type: string
 Format: string
- Name: prefix-range-length
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
```

| data | cisco | cn | ipam | ipam | instance | instance | instance | id | address | pool | address | pool | pool | rate | ipv6 | prefix | ranges | prefix | range | prefix | range | prefix | range | length | offline | put |
|------|-------|----|------|------|----------|----------|----------|----|---------|------|---------|------|------|------|------|--------|--------|--------|-------|--------|-------|--------|-------|--------|---------|-----|
|------|-------|----|------|------|----------|----------|----------|----|---------|------|---------|------|------|------|------|--------|--------|--------|-------|--------|-------|--------|-------|--------|---------|-----|

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32

**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

```
"/components/cisco-cn-ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range/prefix-range-length offline"
```

**Required/Optional:** true**Responses:****"201":****Description:** leaf offline created or replaced**Content:** {}**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}

```

"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: offline
delete:

```

#### Tags:

```

- data
- delete

```

#### Operation ID:

data\_cisco\_cn\_ipam\_instance\_instance\_id\_address\_pool\_pool\_name\_ipv6\_prefix\_range\_prefix\_range\_prefix\_range\_prefix\_range\_prefix\_range\_length\_offline\_delete

#### Parameters:

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: prefix-range-prefix
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: prefix-range-length
 In: path
 Required/Optional: true
 Style: simple

```



**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32

**Responses:**

**"204":**  
**Description:** No Content  
**Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data  
 - options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_length\_offline\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32

**Responses:****"200":****Description:** OK**Content:** {}**security:****- basicAuth:** []**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_prefix\_range\_length\_offline\_head

**Parameters:****- Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref**- Name:** address-pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** prefix-range-prefix**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** prefix-range-length**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** integer**Format:** uint32**- Name:** content**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false

```

Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:****"200":****Description:** OK**Content:** {}**security:****- basicAuth:** []**patch:****Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_prefix\_range\_length\_offline\_patch

**Parameters:****- Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref**- Name:** address-pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** prefix-range-prefix**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** prefix-range-length**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** integer**Format:** uint32**Request Body:****Content:****application/yang-data+json:****Schema:****Reference:**

"/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range={prefix-range-prefix-range-length}offline"

**Required/Optional:** true

**Responses:**

"204":

**Description:** leaf offline updated

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** offline

?

~~"/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range={prefix-range-prefix-range-length}/cisco-ipam:ipam:offline"~~

**get:**

**Tags:**

- data

- get

**Operation ID:**

~~data\_cisco\_cn\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_name\_ipv6\_prefix\_ranges\_prefix\_range\_prefix\_range\_prefix\_range\_length\_cisco\_ipam\_default\_gateway\_get~~

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

```

 Format: string
- Name: prefix-range-prefix
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: prefix-range-length
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response

```

```

 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "/api/v1/ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range/prefix-range-by-cs-by-in-defaults"
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
security:
 - basicAuth: []
put:

```

**Tags:**

- data
- put

**Operation ID:**

data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range/prefix-range-length/cisco-cn-ipam:default-gateway

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32

**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

"/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range/prefix-range-length/cisco-cn-ipam:default-gateway"

**Required/Optional:** true

**Responses:**

"201":

**Description:** leaf default-gateway created or replaced

**Content:** {}



```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: default-gateway
delete:

```

**Tags:**

- data
- delete

**Operation ID:**

~~data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range/prefix-range-length/delete~~

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

dataisonipniristareistareistareidadescoladescolcolraep6prefixareprefixareprefixareprefixareprefixarelengthisobriandefaultcategory

```
In: path
```

dta disc n ipan ipan instanc instanc instanc id adss pool adss pool pool rae ip6 prefix range prefix range prefix range prefix range length iso by ip and fault gatewayed

```
Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: prefix-range-prefix
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: prefix-range-length
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
```

```

 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data
- patch

**Operation ID:**

data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/prefix-range/prefix-range-length/cisco-cn-ipam:Fault-gate/patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-prefix  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** prefix-range-length  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/split-size

```

 Format: uint32
 Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/split-size"
 Required/Optional: true

 Responses:
 "204":
 Description: leaf default-gateway updated
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: default-gateway

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/split-size

get:

```

 Tags:
 - data
 - get
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_get

 Parameters:
 - Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false

```

```

Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string

```

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
  - report-all  
  - trim  
  - explicit  
  - report-all-tagged

#### Responses:

"200":  
  **Description:** OK  
  **Content:**  
    **application/yang-data+json:**  
      **Schema:**  
        **Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_split-size"

"204":  
  **Description:** No Content  
  **Content:** {}  
"400":  
  **Description:** Bad Request  
  **Content:** {}  
"401":  
  **Description:** Unauthorized  
  **Content:** {}  
"404":  
  **Description:** Not Found  
  **Content:** {}  
"405":  
  **Description:** Method Not Allowed  
  **Content:** {}  
"409":  
  **Description:** Conflict  
  **Content:** {}

**security:**  
- **basicAuth:** []

**put:**

#### Tags:

- data  
- put

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance-id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_put



**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string

**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size"
```

**Required/Optional:** true**Responses:****"201":****Description:** container split-size created or replaced**Content:** {}**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** split-size**Method:** Post

**Tags:**

- data
- post

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_post

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

"#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_post"

**Required/Optional:** true

**Responses:**

"201":

**Description:** container split-size created

**Content:** {}

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

```

 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: split-size
 delete:

```

```

 Tags:
 - data
 - delete

```

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_delete

#### Parameters:

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

#### Responses:

```

 "204":
 Description: No Content
 Content: {}
 security:
 - basicAuth: []
 options:

```

```

 Tags:
 - data
 - options

```

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_options

#### Parameters:

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false

```

**Schema:****Type:** string**Format:** leafref**- Name:** address-pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**Responses:****"200":****Description:** OK**Content:** {}**security:****- basicAuth:** []**head:****Tags:****- data****- head****Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_head

**Parameters:****- Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref**- Name:** address-pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** content**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration

```
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged
```

```
Responses:
 "200":
 Description: OK
 Content: {}
security:
```

```
- basicAuth: []
patch:
```

**Tags:**

```
- data
- patch
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_patch
```

**Parameters:**

```
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
```

**Request Body:**

```
Content:
 application/yang-data+json:
 Schema:
 Reference:
```

```
"#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size"
```

```
Required/Optional: true
```

**Responses:**

```
"204":
 Description: container split-size updated
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
```

```

 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: split-size
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/split-size/per-cache
: get:

```

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_cache\_get

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true

**Schema:****Type:** integer**Format:** uint16**- Name:** fields**In:** query**Description:** optionally identify specific data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** string**- Name:** filter**In:** query**Description:** xpath expression to filter data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** string**- Name:** with-defaults**In:** query**Description:** controlling default values in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** report-all**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```
"/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-cache"
```

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":**



```

 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
put:

 Tags:
 - data
 - put
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_per_cache_put

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_per_cache"

 Required/Optional: true

Responses:
 "201":
 Description: leaf per-cache created or replaced
 Content: {}
 "204":

```

```

 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: per-cache
delete:

```

#### Tags:

```

- data
- delete

```

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_cache\_delete

#### Parameters:

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

#### Responses:

```

 "204":
 Description: No Content
 Content: {}
 security:
 - basicAuth: []

```

**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_cache\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_cache\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true

```

Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true

```

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**"200":**  
**Description:** OK  
**Content:** {}  
**security:**  
 - **basicAuth:** []

**patch:****Tags:**

- data  
 - patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_cache\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref  
 - **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Request Body:**

**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

"#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance-id\_address\_pool\_address\_pool-pool-name\_ipv6\_prefix-ranges\_split-size\_per-cache"

**Required/Optional:** true

**Responses:**

**"204":**  
**Description:** leaf per-cache updated

```

 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: per-cache
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/split-size/per-dp
: get:

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_per_dp_get

```

#### Parameters:

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

```

Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":

```

```

 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-dp"

 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 put:

 Tags:
 - data
 - put
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance-instance-id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_per_dp_put

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```



**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

```
"/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-dp"
```

**Required/Optional:** true**Responses:****"201":****Description:** leaf per-dp created or replaced**Content:** {}**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**- **basicAuth:** []**x-codegen-request-body-name:** per-dp**delete:****Tags:**

- data
- delete

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_per_dp_delete
```

**Parameters:**- **Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref- **Name:** address-pool-pool-name

**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string

**Responses:**

**"204":**  
     **Description:** No Content  
     **Content:** {}

**security:**

- **basicAuth:** []

**options:**

**Tags:**

- data  
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_dp\_options

**Parameters:**

- **Name:** instance-instance-id  
     **In:** path  
     **Required/Optional:** true  
     **Style:** simple  
     **Explode:** false  
     **Schema:**  
         **Type:** string  
         **Format:** leafref  
 - **Name:** address-pool-pool-name  
     **In:** path  
     **Required/Optional:** true  
     **Style:** simple  
     **Explode:** false  
     **Schema:**  
         **Type:** string  
         **Format:** string

**Responses:**

**"200":**  
     **Description:** OK  
     **Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_dp\_head

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_per\_dp\_patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

```

 Type: string
 Format: string
 Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address_pool-pool-name_ipv6_prefix-ranges_split-size_per-dp"

 Required/Optional: true

 Responses:
 "204":
 Description: leaf per-dp updated
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: per-dp
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/split-size/no-split
: get:

 Tags:
 - data
 - get
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address_pool-pool-name_ipv6_prefix-ranges_split-size_no-split_get

 Parameters:
 - Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref

```

- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_split-size\_no-split"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**put:**

**Tags:**

- data
- put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_split-size\_no-split\_put

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** leafref  
**- Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string

**Request Body:**

**Content:**  
     application/yang-data+json:  
         **Schema:**  
             **Reference:**

"#/components/schemas/data-cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_split-size\_no-split"

**Required/Optional:** true

**Responses:**

**"201":**  
     **Description:** leaf no-split created or replaced  
     **Content:** {}  
**"204":**  
     **Description:** No Content  
     **Content:** {}  
**"400":**  
     **Description:** Bad Request  
     **Content:** {}  
**"401":**  
     **Description:** Unauthorized  
     **Content:** {}  
**"404":**  
     **Description:** Not Found  
     **Content:** {}  
**"405":**  
     **Description:** Method Not Allowed  
     **Content:** {}  
**"409":**  
     **Description:** Conflict  
     **Content:** {}

**security:**

- basicAuth: []

**x-codegen-request-body-name:** no-split

**delete:**

**Tags:**

- data  
 - delete



**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_no\_split\_delete

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:****"204":****Description:** No Content**Content:** {}**security:**

- **basicAuth:** []

**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_no\_split\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string

**Format:** string

**Responses:**

**"200":**

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_split\_size\_no\_split\_head

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

- config  
- nonconfig  
- all

- **Name:** depth

**In:** query

**Description:** limit the depth of nodes in response

**Required/Optional:** false

**Style:** form

```

 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

**security:**

```

- basicAuth: []

```

**patch:****Tags:**

```

- data
- patch

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_split_size_no_split_patch
```

**Parameters:**

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

**Request Body:****Content:**

```
application/yang-data+json:
```

**Schema:****Reference:**

```
"#/components/schemas/data-cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_no-split"
```

```
Required/Optional: true
```

**Responses:**

```
"204":
```

```
 Description: leaf no-split updated
```

```
 Content: {}
```

```
"400":
```

```
 Description: Bad Request
```

```
 Content: {}
```

```
"401":
```

```
 Description: Unauthorized
```

```
 Content: {}
```

```
"404":
```

```
 Description: Not Found
```

```
 Content: {}
```

```
"405":
```

```
 Description: Method Not Allowed
```

```
 Content: {}
```

```
"409":
```

```
 Description: Conflict
```

```
 Content: {}
```

**security:**

```
- basicAuth: []
```

```
x-codegen-request-body-name: no-split
```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/threshold

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer

```

 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}

```

```

 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 put:

 Tags:
 - data
 - put
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_threshold_put

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_threshold"

 Required/Optional: true

Responses:
 "201":
 Description: container threshold created or replaced
 Content: {}
 "204":
 Description: No Content
 Content: {}

```

```

"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: threshold
Method: Post

Tags:
- data
- post
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_threshold_post

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
Request Body:
Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_threshold_post"

Required/Optional: true

```



**Responses:**

```

"201":
 Description: container threshold created
 Content: {}
"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

**security:**

```
- basicAuth: []
```

```
x-codegen-request-body-name: threshold
```

**delete:****Tags:**

```
- data
- delete
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_threshold_delete
```

**Parameters:**

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

**Responses:**

```

 "204":
 Description: No Content
 Content: {}
 security:
 - basicAuth: []
 options:

```

```

 Tags:
 - data
 - options

```

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_options

#### Parameters:

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

#### Responses:

```

 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []
 head:

```

```

 Tags:
 - data
 - head

```

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_head

#### Parameters:

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:

```

```

 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults

```

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

**Request Body:**

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold"

**Required/Optional:** true

**Responses:**

"204":

**Description:** container threshold updated

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** threshold

?

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/threshold/upper-threshold  
: get:

**Tags:**

- data

- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_upper\_threshold\_get

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

```

In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all

```

- trim
- explicit
- report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold_upper-threshold"
```

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**

- **basicAuth:** []

**put:****Tags:**

- data
- put

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold_upper-threshold_put
```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true

```

Style: simple
Explode: false
Schema:
 Type: string
 Format: string
Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address_pool-pool-name_ipv6_prefix-ranges_threshold_upper-threshold"

Required/Optional: true

Responses:
 "201":
 Description: leaf upper-threshold created or replaced
 Content: {}
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
security:
 - basicAuth: []
x-codegen-request-body-name: upper-threshold
delete:

Tags:
 - data
 - delete
Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address_pool-pool-name_ipv6_prefix-ranges_threshold_upper-threshold_delete

Parameters:
 - Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple

```



```

 Explode: false
 Schema:
 Type: string
 Format: leafref
 - Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

#### Responses:

```

"204":
 Description: No Content
 Content: {}

```

#### security:

```

- basicAuth: []

```

#### options:

#### Tags:

```

- data
- options

```

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_upper\_threshold\_options

#### Parameters:

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

#### Responses:

```

"200":
 Description: OK
 Content: {}

```

#### security:

```

- basicAuth: []

```

#### head:

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_threshold\_upper\_threshold\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form

```

 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

**security:**

```

- basicAuth: []

```

**patch:****Tags:**

```

- data
- patch

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_ipv6_prefix_ranges_threshold_upper_threshold_patch
```

**Parameters:**

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/threshold

**In:** path  
**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

**Request Body:**

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address\_pool\_address\_pool-pool-name\_ipv6\_prefix-ranges\_threshold\_upper-threshold"

**Required/Optional:** true

**Responses:**

"204":

**Description:** leaf upper-threshold updated

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

**x-codegen-request-body-name:** upper-threshold

?

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/ipv6/prefix-ranges/cisco-bng-ipam-prefix-length  
**get:**

**Tags:**

- data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance-id\_address\_pool\_address\_pool-pool-name\_ipv6\_prefix-ranges\_cisco\_bng\_ipam\_prefix-length\_get

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

```

 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

**Type:** string  
**Format:** string  
**Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

#### Responses:

**"200":**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

"/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_cisco-bng-ipam\_prefix-length"

**"204":**  
**Description:** No Content  
**Content:** {}  
**"400":**  
**Description:** Bad Request  
**Content:** {}  
**"401":**  
**Description:** Unauthorized  
**Content:** {}  
**"404":**  
**Description:** Not Found  
**Content:** {}  
**"405":**  
**Description:** Method Not Allowed  
**Content:** {}  
**"409":**  
**Description:** Conflict  
**Content:** {}

**security:**  
 - basicAuth: []

**put:**

**Tags:**  
 - data  
 - put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_cisco\_bng\_ipam\_prefix-length\_put

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string

**Request Body:**

- Content:**
  - application/yang-data+json:**
    - Schema:**
    - Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_cisco-cn-ipam_prefix-length"
```

**Required/Optional:** true

**Responses:**

- "201":
  - Description:** leaf prefix-length created or replaced
  - Content:** {}
- "204":
  - Description:** No Content
  - Content:** {}
- "400":
  - Description:** Bad Request
  - Content:** {}
- "401":
  - Description:** Unauthorized
  - Content:** {}
- "404":
  - Description:** Not Found
  - Content:** {}
- "405":
  - Description:** Method Not Allowed
  - Content:** {}
- "409":
  - Description:** Conflict
  - Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** prefix-length  
**delete:**

**Tags:**

- data
- delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_cisco\_cn\_ipam\_prefix\_length\_delete

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string

**Responses:**

**"204":**  
**Description:** No Content  
**Content:** {}

**security:**

- **basicAuth:** []

**options:**

**Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_cisco\_cn\_ipam\_prefix\_length\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path



**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string

**Responses:**

**"200":**  
     **Description:** OK  
     **Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_cisco\_cn\_ipam\_prefix\_length\_head

**Parameters:**

- **Name:** instance-instance-id  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** leafref
- **Name:** address-pool-pool-name  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** content  
   **In:** query  
   **Description:** controlling descendant nodes in response  
   **Required/Optional:** false  
   **Style:** form  
   **Explode:** true  
   **Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** config  
     **enum:**  
       - config  
       - nonconfig  
       - all

- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

"200":

**Description:** OK**Content:** {}**security:**

- **basicAuth:** []

**patch:****Tags:**

- data

- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_cisco\_cn\_ipam\_prefix\_length\_patch

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string

**Request Body:**

- Content:**
  - application/yang-data+json:
  - Schema:**

**Reference:**

"#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_ipv6\_prefix\_ranges\_cisco\_cn\_ipam\_prefix\_length"

**Required/Optional:** true

**Responses:**

- "204":
  - Description:** leaf prefix-length updated
  - Content:** {}
- "400":
  - Description:** Bad Request
  - Content:** {}
- "401":
  - Description:** Unauthorized
  - Content:** {}
- "404":
  - Description:** Not Found
  - Content:** {}
- "405":
  - Description:** Method Not Allowed
  - Content:** {}
- "409":
  - Description:** Conflict
  - Content:** {}

**security:**

- **basicAuth:** []
- x-codegen-request-body-name:** prefix-length

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:static

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_get

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer

```

 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_static"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}

```

```

 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 put:

 Tags:
 - data
 - put
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_put

 Parameters:
 - Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
 - Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static"

 Required/Optional: true

 Responses:
 "201":
 Description: container static created or replaced
 Content: {}
 "204":
 Description: No Content
 Content: {}

```

```

 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: static
Method: Post

Tags:
- data
- post
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_post

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
Request Body:
Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_post"

Required/Optional: true

```

**Responses:**

```

"201":
 Description: container static created
 Content: {}
"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

**security:**

```
- basicAuth: []
```

```
x-codegen-request-body-name: static
```

**delete:****Tags:**

```
- data
- delete
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_delete
```

**Parameters:**

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

**Responses:**



```

 "204":
 Description: No Content
 Content: {}
 security:
 - basicAuth: []
 options:

```

**Tags:**

```

- data
- options

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_options

**Parameters:**

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

**Responses:**

```

 "200":
 Description: OK
 Content: {}

```

```

 security:
 - basicAuth: []

```

**head:****Tags:**

```

- data
- head

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_head

**Parameters:**

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:

```

```

 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults

```

**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**  
   **"200":**  
     **Description:** OK  
     **Content:** {}  
   **security:**  
     - **basicAuth:** []

**patch:**

**Tags:**  
   - data  
   - patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_patch

**Parameters:**  
   - **Name:** instance-instance-id  
     **In:** path  
     **Required/Optional:** true  
     **Style:** simple  
     **Explode:** false  
     **Schema:**  
       **Type:** string  
       **Format:** leafref  
   - **Name:** address-pool-pool-name  
     **In:** path  
     **Required/Optional:** true  
     **Style:** simple  
     **Explode:** false  
     **Schema:**  
       **Type:** string  
       **Format:** string

**Request Body:**  
   **Content:**  
     **application/yang-data+json:**  
       **Schema:**  
         **Reference:**

"#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static"

**Required/Optional:** true

**Responses:**

**"204":**  
**Description:** container static updated  
**Content:** {}  
**"400":**  
**Description:** Bad Request  
**Content:** {}  
**"401":**  
**Description:** Unauthorized  
**Content:** {}  
**"404":**  
**Description:** Not Found  
**Content:** {}  
**"405":**  
**Description:** Method Not Allowed  
**Content:** {}  
**"409":**  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** static

?

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:static/cisco-bng-ipam:enable  
**get:**

**Tags:**

- data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_enable\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref  
 - **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
 - **Name:** content

**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/cisco-bng-ipam:static

- trim
- explicit
- report-all-tagged

#### Responses:

"200":

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-name\_cisco-bng-ipam\_static\_cisco-bng-ipam\_enable"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

#### security:

- **basicAuth:** []

**put:**

#### Tags:

- data
- put

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-name\_cisco-bng-ipam\_static\_cisco-bng-ipam\_enable\_put

#### Parameters:

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-name  
**In:** path  
**Required/Optional:** true

```

 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address_pool-pool-name_cisco-bng-ipam_static_cisco-bng-ipam_enable"

 Required/Optional: true

 Responses:
 "201":
 Description: leaf enable created or replaced
 Content: {}
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: enable
delete:

 Tags:
 - data
 - delete
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address_pool-pool-name_cisco_bng_ipam_static_cisco_bng_ipam_enable_delete

 Parameters:
 - Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple

```

```

 Explode: false
 Schema:
 Type: string
 Format: leafref
 - Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

Responses:
 "204":
 Description: No Content
 Content: {}
 security:
 - basicAuth: []
options:

Tags:
 - data
 - options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_cisco_bng_ipam_enable_options

```

```

Parameters:
 - Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
 - Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

```

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []
head:

```



**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_enable\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**
  - config
  - nonconfig
  - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** integer  
**Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form

```

 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

**security:**

```

- basicAuth: []

```

**patch:****Tags:**

```

- data
- patch

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_cisco_bng_ipam_enable_patch

```

**Parameters:**

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name

```

```

 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address_pool_address_pool-pool-name_cisco-bng-ipam_static_cisco-bng-ipam_enable"

 Required/Optional: true

 Responses:
 "204":
 Description: leaf enable updated
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: enable
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:static/cisco-bng-ipam:enable
: get:

 Tags:
 - data
 - get
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address_pool-pool-name_cisco_bng_ipam_static_cisco_bng_ipam_user_plane_get

 Parameters:
 - Name: instance-instance-id
 In: path
 Required/Optional: true

```

```

Style: simple
Explode: false
Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

```

 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam:ipam_instance_instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam:static_cisco-bng-ipam:user-plane"

 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 put:

Tags:
 - data
 - put
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_cisco_bng_ipam_user_plane_put

```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string

**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_static_cisco-bng-ipam_user-plane"
```

**Required/Optional:** true**Responses:****"201":****Description:** leaf user-plane created or replaced**Content:** {}**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** user-plane  
**delete:**

**Tags:**  
 - data  
 - delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_user\_plane\_delete

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:**

**"204":**  
**Description:** No Content  
**Content:** {}

**security:**

- **basicAuth:** []

**options:**

**Tags:**  
 - data  
 - options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_user\_plane\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

**Responses:**

**"200":**

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data

- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_user\_plane\_head

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

- config

- nonconfig

- all



```
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []
patch:

Tags:
- data
```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:static

- patch

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_user\_plane\_patch

#### Parameters:

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

#### Schema:

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

#### Schema:

**Type:** string

**Format:** string

#### Request Body:

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_user\_plane"

**Required/Optional:** true

#### Responses:

"204":

**Description:** leaf user-plane updated

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

#### security:

- **basicAuth:** []

**x-codegen-request-body-name:** user-plane

?

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:static/cisco-bng-ipam:peer-id

: get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_srg\_peer\_id\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**
  - config
  - nonconfig
  - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** integer  
**Format:** uint16
- **Name:** fields  
**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data-cisco-cn-ipam:ipam/instance-instance-id/address-pool-address-pool-pool-name-cisco-bng-ipam:static-cisco-bng-ipam:super-id"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

```

 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 put:

 Tags:
 - data
 - put
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_cisco_bng_ipam_srg_peer_id_put

 Parameters:
 - Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
 - Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_cisco_bng_ipam_srg_peer_id"

 Required/Optional: true

 Responses:
 "201":
 Description: leaf srg-peer-id created or replaced
 Content: {}
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}

```

```

 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: srg-peer-id
delete:

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_srg\_peer\_id\_delete

**Parameters:**

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

**Responses:**

```

 "204":
 Description: No Content
 Content: {}

```

```

 security:
 - basicAuth: []

```

**options:****Tags:**

```

- data
- options

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_src\_peer\_id\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:**

"200":  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_src\_peer\_id\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string

```

 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all

```



```

enum:
- report-all
- trim
- explicit
- report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

**security:**

```

- basicAuth: []

```

**patch:****Tags:**

```

- data
- patch

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_cisco_bng_ipam_srg_peer_id_patch
```

**Parameters:**

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

**Request Body:**

```

Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```
"/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_cisco_bng_ipam_srg_peer_id"
```

```

Required/Optional: true

```

**Responses:**

```

"204":
 Description: leaf srg-peer-id updated
 Content: {}

```

```

"400":
 Description: Bad Request
 Content: {}

```

```

 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: srg-peer-id
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:static/cisco-bng-ipam:circuit-id
: get:

 Tags:
 - data
 - get
 Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_cisco_bng_ipam_circuit_id_get

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config

```

```

 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:**

**Reference:**

```
"#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance-instance-id_address_pool_address_pool-pool-name_cisco_bng_ipam_static_cisco_bng_ipam_circuit-id"
```

```
"204":
```

```
 Description: No Content
```

```
 Content: {}
```

```
"400":
```

```
 Description: Bad Request
```

```
 Content: {}
```

```
"401":
```

```
 Description: Unauthorized
```

```
 Content: {}
```

```
"404":
```

```
 Description: Not Found
```

```
 Content: {}
```

```
"405":
```

```
 Description: Method Not Allowed
```

```
 Content: {}
```

```
"409":
```

```
 Description: Conflict
```

```
 Content: {}
```

```
security:
```

```
- basicAuth: []
```

```
put:
```

```
Tags:
```

```
- data
```

```
- put
```

```
Operation ID:
```

```
data_cisco_cn_ipam_ipam_instance_instance-instance-id_address_pool_address_pool-pool-name_cisco_bng_ipam_static_cisco_bng_ipam_circuit-id put
```

**Parameters:**

```
- Name: instance-instance-id
```

```
 In: path
```

```
 Required/Optional: true
```

```
 Style: simple
```

```
 Explode: false
```

```
 Schema:
```

```
 Type: string
```

```
 Format: leafref
```

```
- Name: address-pool-pool-name
```

```
 In: path
```

```
 Required/Optional: true
```

```
 Style: simple
```

```
 Explode: false
```

```
 Schema:
```

```
 Type: string
```

```
 Format: string
```

```
Request Body:
```

```
 Content:
```

```
 application/yang-data+json:
```

```
 Schema:
```

**Reference:**

```
"#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance-instance-id_address_pool_address_pool-pool-name_cisco_bng_ipam_static_cisco_bng_ipam_circuit-id"
```

**Required/Optional:** true

**Responses:**

"201":

**Description:** leaf circuit-id created or replaced

**Content:** {}

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** circuit-id

**delete:**

**Tags:**

- data  
- delete

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance-instance-id_address_pool_address_pool-pool-name_cisco_bng_ipam_static_cisco_bng_ipam_circuit_id_delete
```

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string  
**Format:** string

**Responses:****"204":****Description:** No Content**Content:** {}**security:**- **basicAuth:** []**options:****Tags:**

- data  
 - options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_circuit\_id\_options

**Parameters:**- **Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref- **Name:** address-pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**Responses:****"200":****Description:** OK**Content:** {}**security:**- **basicAuth:** []**head:****Tags:**

- data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_circuit\_id\_head

**Parameters:**- **Name:** instance-instance-id

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form

```

```

Explode: true
Schema:
 Type: string
 Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

**security:**

```

- basicAuth: []

```

**patch:****Tags:**

```

- data
- patch

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_cisco_bng_ipam_circuit_id_patch

```

**Parameters:**

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

**Request Body:**

```

Content:

```



```

 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address_pool_pool-name_cisco_bng_ipam_static_cisco_bng_ipam_circuit-id"

 Required/Optional: true

 Responses:
 "204":
 Description: leaf circuit-id updated
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: circuit-id
 ?
 /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:static/cisco-bng-ipam:associated-peer-id
 : get:

 Tags:
 - data
 - get
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address_pool_pool-name_cisco_bng_ipam_static_cisco_bng_ipam_associated-peer-id_get

 Parameters:
 - Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
 - Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple

```

```

 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

#### Responses:

**"200":**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

"/components/schemas/data-cisco-cn-ipam:ipam/instance-instance-id/address-pool-address-pool-pool-name/cisco-bng-ipam:static/cisco-bng-ipam:associated-sig-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:** []

**put:**

**Tags:**  
 - data  
 - put

#### Operation ID:

data-cisco-cn-ipam:ipam/instance-instance-id/address-pool-address-pool-pool-name/cisco-bng-ipam:static/cisco-bng-ipam:associated-sig-peer-id.put

#### Parameters:

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:static

```

 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "/components/schemas/data-cisco-cn-ipam-ipam-instance-instance-id-address-pool-address-pool-pool-name-cisco-bng-ipam-static-cisco-bng-ipam-associated-srg-peer-id"

 Required/Optional: true

Responses:
 "201":
 Description: leaf associated-srg-peer-id created or replaced
 Content: {}
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: associated-srg-peer-id
delete:

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_static_cisco_bng_ipam_associated_srg_peer_id_delete

```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:**

- "204":  
**Description:** No Content  
**Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_associated\_srg\_peer\_id\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:**

- "200":

**Description:** OK  
**Content:** {}  
**security:**  
 - **basicAuth:** []  
**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_associated\_srg\_peer\_id\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

"200":

**Description:** OK**Content:** {}**security:**

- **basicAuth:** []

**patch:****Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_static\_cisco\_bng\_ipam\_associated\_srv\_peer\_id\_patch

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:tags

```

 Explode: false
 Schema:
 Type: string
 Format: leafref
 - Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "##/components/schemas/data-cisco-cn-ipam-ipam-instance-instance-id-address-pool-address-pool-pool-name-cisco-bng-ipam-static-cisco-bng-ipam-associated-srg-peer-id"

 Required/Optional: true

 Responses:
 "204":
 Description: leaf associated-srg-peer-id updated
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: associated-srg-peer-id

```

**/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:tags**

get:

Tags:



- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_tags\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**
  - config
  - nonconfig
  - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** integer  
**Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

```

 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_tags"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict

```

```

 Content: {}
 security:
 - basicAuth: []
 put:

```

```

 Tags:
 - data
 - put

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_tags\_put

**Parameters:**

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

**Request Body:**

```

 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

"#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_tags"

```

 Required/Optional: true

```

**Responses:**

```

"201":
 Description: container tags created or replaced
 Content: {}
"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found

```

```

 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: tags
Method: Post

Tags:
- data
- post
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_tags_post

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_tags_post"

 Required/Optional: true

Responses:
 "201":
 Description: container tags created
 Content: {}
 "204":
 Description: No Content
 Content: {}
 "400":

```

```

 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: tags
delete:

```

**Tags:**

- data
- delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_tags\_delete

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string

**Responses:**

```

 "204":
 Description: No Content
 Content: {}

```

```

security:
- basicAuth: []

```

**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_tags\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:****"200":****Description:** OK**Content:** {}**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_tags\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

```
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
```

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_tags\_patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

**Request Body:**

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance-id\_address\_pool\_address-pool-pool-name\_cisco-bng-ipam\_tags"

**Required/Optional:** true

**Responses:**

"204":

**Description:** container tags updated

**Content:** {}

"400":

**Description:** Bad Request



```

 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: tags
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:tags/cisco-bng-ipam:group
: get:

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_tags_cisco_bng_ipam_group_get

```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration

```

 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:****"200":****Description:** OK**Content:**

application/yang-data+json:

**Schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_tags_cisco-bng-ipam_group"
```

```
"204":
```

```
 Description: No Content
```

```
 Content: {}
```

```
"400":
```

```
 Description: Bad Request
```

```
 Content: {}
```

```
"401":
```

```
 Description: Unauthorized
```

```
 Content: {}
```

```
"404":
```

```
 Description: Not Found
```

```
 Content: {}
```

```
"405":
```

```
 Description: Method Not Allowed
```

```
 Content: {}
```

```
"409":
```

```
 Description: Conflict
```

```
 Content: {}
```

```
security:
```

```
- basicAuth: []
```

```
put:
```

```
Tags:
```

```
- data
```

```
- put
```

```
Operation ID:
```

```
data_cisco_cn_ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco_bng_ipam_tags_cisco_bng_ipam_group_put
```

**Parameters:**

```
- Name: instance-instance-id
```

```
 In: path
```

```
 Required/Optional: true
```

```
 Style: simple
```

```
 Explode: false
```

```
 Schema:
```

```
 Type: string
```

```
 Format: leafref
```

```
- Name: address-pool-pool-name
```

```
 In: path
```

```
 Required/Optional: true
```

```
 Style: simple
```

```
 Explode: false
```

```
 Schema:
```

```
 Type: string
```

```
 Format: string
```

```
Request Body:
```

```
Content:
```

```
 application/yang-data+json:
```

**Schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address_pool_address_pool-pool-name_cisco-bng-ipam_tags_cisco-bng-ipam_group"
```

**Required/Optional:** true

**Responses:**

**"201":**

**Description:** leaf group created or replaced

**Content:** {}

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** group

**delete:****Tags:**

- data  
- delete

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address_pool-pool-name_cisco_bng_ipam_tags_cisco_bng_ipam_group_delete
```

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:**

**"204":**  
**Description:** No Content  
**Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data  
 - options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_tags\_cisco\_bng\_ipam\_group\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref  
 - **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:**

**"200":**  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_tags\_cisco\_bng\_ipam\_group\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false

```

 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []
patch:

Tags:
- data
- patch
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_tags_cisco_bng_ipam_group_patch

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
Request Body:

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:pool-priority

```

Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_tags_cisco-bng-ipam_group"

 Required/Optional: true

Responses:
 "204":
 Description: leaf group updated
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: group

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:pool-priority

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance-id_address_pool_address_pool_pool-name_cisco_bng_ipam_pool_priority_get

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string

```



```
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
```

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_cisco-bng-ipam\_pool-priority"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

**put:**

**Tags:**

- data
- put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance-id\_address\_pool\_address\_pool-pool-name\_cisco\_bng\_ipam\_pool-priority\_put

**Parameters:**

- **Name:** instance-instance-id

```

 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
 - Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_pool-priority"

 Required/Optional: true

 Responses:
 "201":
 Description: container pool-priority created or replaced
 Content: {}
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: pool-priority
 Method: Post

 Tags:

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:pool-priority

- data
- post

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_post

#### Parameters:

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

#### Request Body:

**Content:**  
 application/yang-data+json:

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_post"

**Required/Optional:** true

#### Responses:

- "201":  
**Description:** container pool-priority created  
**Content:** {}
- "204":  
**Description:** No Content  
**Content:** {}
- "400":  
**Description:** Bad Request  
**Content:** {}
- "401":  
**Description:** Unauthorized  
**Content:** {}
- "404":  
**Description:** Not Found  
**Content:** {}
- "405":  
**Description:** Method Not Allowed  
**Content:** {}
- "409":  
**Description:** Conflict

```

 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: pool-priority
delete:

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_delete

**Parameters:**

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

**Responses:**

```

"204":
 Description: No Content
 Content: {}

```

```

 security:
 - basicAuth: []

```

**options:****Tags:**

```

- data
- options

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_options

**Parameters:**

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string

```

**Format:** leafref

- **Name:** address-pool-pool-name
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** string

**Responses:**

**"200":**

- Description:** OK
- Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_head

**Parameters:**

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** string
- **Name:** content
- In:** query
- Description:** controlling descendant nodes in response
- Required/Optional:** false
- Style:** form
- Explode:** true
- Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**

```

 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []
patch:
```

**Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_cisco-bng-ipam\_pool-priority"

**Required/Optional:** true

**Responses:**

"204":

**Description:** container pool-priority updated

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}



```

 security:
 - basicAuth: []
 x-codegen-request-body-name: pool-priority
 ?
 /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:pool-priority/cisco-bng-ipam:priority
 : get:

```

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_cisco\_bng\_ipam\_priority\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
    - config  
    - nonconfig  
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer

```

 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_pool-priority_cisco-bng-ipam-priority"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}

```

```

"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}
security:
- basicAuth: []
put:

```

**Tags:**

```

- data
- put

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_cisco\_bng\_ipam\_priority\_put

**Parameters:**

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

**Request Body:**

```

Content:
 application/yang-data+json:
 Schema:
 Reference:

```

"#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_cisco\_bng\_ipam\_priority"

```

Required/Optional: true

```

**Responses:**

```

"201":
 Description: leaf priority created or replaced
 Content: {}
"204":
 Description: No Content
 Content: {}

```

```

"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: priority
delete:

```

**Tags:**

```

- data
- delete

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_cisco\_bng\_ipam\_priority\_delete

**Parameters:**

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

**Responses:**

```

"204":
 Description: No Content
 Content: {}
security:
- basicAuth: []
options:

```

**Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_cisco\_bng\_ipam\_priority\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_cisco\_bng\_ipam\_priority\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false

```

Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string

```

**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:****"200":****Description:** OK**Content:** {}**security:**- **basicAuth:** []**patch:****Tags:**

- data  
 - patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_cisco\_bng\_ipam\_priority\_patch

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref  
 - **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

"/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_cisco\_bng\_ipam\_priority"

**Required/Optional:** true**Responses:****"204":****Description:** leaf priority updated**Content:** {}**"400":**

```

 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: priority
?
/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:pool-priority/cisco-bng-ipam:chunkCount
: get:

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_pool_priority_cisco_bng_ipam_chunkCount_get

```

#### Parameters:

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string



```
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
"200":
 Description: OK
 Content:
```

**application/yang-data+json:****Schema:****Reference:**

```
"/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:pool-priority/cisco-bng-ipam:chunkCount"
```

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:****- basicAuth:** []**put:****Tags:**

- data
- put

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_pool_priority_cisco_bng_ipam_chunkCount_put
```

**Parameters:****- Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref**- Name:** address-pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**Request Body:****Content:**

```

 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_pool_priority_cisco_bng_ipam_chunkCount"

 Required/Optional: true

 Responses:
 "201":
 Description: leaf chunkCount created or replaced
 Content: {}
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: chunkCount
 delete:

 Tags:
 - data
 - delete
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_pool_priority_cisco_bng_ipam_chunkCount_delete

 Parameters:
 - Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
 - Name: address-pool-pool-name
 In: path
 Required/Optional: true

```

**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string

**Responses:**

**"204":**  
     **Description:** No Content  
     **Content:** {}

**security:**

- **basicAuth:** []

**options:**

**Tags:**

- data  
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_cisco\_bng\_ipam\_chunkCount\_options

**Parameters:**

- **Name:** instance-instance-id  
     **In:** path  
     **Required/Optional:** true  
     **Style:** simple  
     **Explode:** false  
     **Schema:**  
         **Type:** string  
         **Format:** leafref  
 - **Name:** address-pool-pool-name  
     **In:** path  
     **Required/Optional:** true  
     **Style:** simple  
     **Explode:** false  
     **Schema:**  
         **Type:** string  
         **Format:** string

**Responses:**

**"200":**  
     **Description:** OK  
     **Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_cisco\_bng\_ipam\_chunkCount\_head

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response

**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

#### Responses:

**"200":**  
   **Description:** OK  
   **Content:** {}

#### security:

- **basicAuth:** []

#### patch:

#### Tags:

- data  
 - patch

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_pool\_priority\_cisco\_bng\_ipam\_chunkCount\_patch

#### Parameters:

**- Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** leafref  
**- Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string

**Request Body:****Content:**

application/yang-data+json:

**Schema:****Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address\_pool\_address-pool-pool-name\_cisco-bng-ipam\_pool-priority\_cisco-bng-ipam\_chunkCount"

**Required/Optional:** true**Responses:****"204":****Description:** leaf chunkCount updated**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**

- basicAuth: []

**x-codegen-request-body-name:** chunkCount

?

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:reconcile-schedule

**get:****Tags:**- data  
- get**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance-id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_reconcile\_schedule\_get

**Parameters:**- **Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref- **Name:** address-pool-pool-name**In:** path

```

Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form

```



**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**"200":**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-bng-ipam\_reconcile-schedule"

**"204":**  
**Description:** No Content  
**Content:** {}  
**"400":**  
**Description:** Bad Request  
**Content:** {}  
**"401":**  
**Description:** Unauthorized  
**Content:** {}  
**"404":**  
**Description:** Not Found  
**Content:** {}  
**"405":**  
**Description:** Method Not Allowed  
**Content:** {}  
**"409":**  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**put:****Tags:**

- data  
 - put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance-instance-id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_reconcile\_schedule\_put

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple

```

 Explode: false
 Schema:
 Type: string
 Format: leafref
 - Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_reconcile-schedule"

 Required/Optional: true

 Responses:
 "201":
 Description: container reconcile-schedule 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: reconcile-schedule
 Method: Post

 Tags:
 - data
 - post
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_reconcile_schedule_post

```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string

**Request Body:**

- Content:**
  - application/yang-data+json:**
    - Schema:**
    - Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_reconcile-schedule-post"
```

**Required/Optional:** true

**Responses:**

- "201":
  - Description:** container reconcile-schedule 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:** reconcile-schedule  
**delete:**

**Tags:**

- data
- delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_reconcile\_schedule\_delete

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string

**Responses:**

**"204":**  
**Description:** No Content  
**Content:** {}

**security:**

- **basicAuth:** []

**options:**

**Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_reconcile\_schedule\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path

**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string

**Responses:**

**"200":**  
     **Description:** OK  
     **Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_reconcile\_schedule\_head

**Parameters:**

- **Name:** instance-instance-id  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** leafref

- **Name:** address-pool-pool-name  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** content  
   **In:** query  
   **Description:** controlling descendant nodes in response  
   **Required/Optional:** false  
   **Style:** form  
   **Explode:** true  
   **Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** config  
     **enum:**  
       - config  
       - nonconfig  
       - all

- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

"200":

**Description:** OK**Content:** {}**security:**

- **basicAuth:** []

**patch:****Tags:**

- data

- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_reconcile\_schedule\_patch

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** address-pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string

**Request Body:**

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_cisco-bng-ipam\_reconcile-schedule"

**Required/Optional:** true

**Responses:**

"204":

**Description:** container reconcile-schedule 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:** reconcile-schedule

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/cisco-bng-ipam:pool-priority

?

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-name}/cisco-bng-ipam:pool-priority

: get:

#### Tags:

- data
- get

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_reconcile\_schedule\_cisco\_bng\_ipam\_time\_of\_day\_hour\_get

#### Parameters:

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query



**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

#### Responses:

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data-cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:pool-priority"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

"405":  
**Description:** Method Not Allowed  
**Content:** {}

"409":  
**Description:** Conflict  
**Content:** {}

**security:**  
 - **basicAuth:** []

**put:**

**Tags:**

- data  
 - put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_reconcile\_schedule\_cisco\_bng\_ipam\_time\_of\_day\_hour\_put

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

**Type:** string  
**Format:** leafref

- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

**Type:** string  
**Format:** string

**Request Body:**

**Content:**  
 application/yang-data+json:  
**Schema:**

**Reference:**

"/components/schemas/data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_reconcile\_schedule\_cisco\_bng\_ipam\_time\_of\_day\_hour"

**Required/Optional:** true

**Responses:**

"201":  
**Description:** leaf time-of-day-hour 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: time-of-day-hour
delete:

```

**Tags:**

- data
- delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_reconcile\_schedule\_cisco\_bng\_ipam\_time\_of\_day\_hour\_delete

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string

**Responses:**

```

 "204":
 Description: No Content
 Content: {}

```

**security:**

- basicAuth: []

**options:****Tags:**

- data
- options

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:pool-priority

### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_reconcile\_schedule\_cisco\_bng\_ipam\_time\_of\_day\_hour\_options

### Parameters:

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

### Responses:

"200":  
**Description:** OK  
**Content:** {}

### security:

- **basicAuth:** []

### head:

### Tags:

- data
- head

### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_reconcile\_schedule\_cisco\_bng\_ipam\_time\_of\_day\_hour\_head

### Parameters:

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string

```
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
```

**Responses:**

**Description:** OK

Content: {}

security:

```
- basicAuth: []
```

patch:

**Tags:**

- data

- patch

Operation ID:

```
data cisco on ipam ipam instance instance instance id address pool address pool pool name cisco long ipam reconcile schedule cisco long ipam time of day hour patch.
```

### Parameters:

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema :**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

### Request Body:

**Content:**

```
application/yang-data+json:
```

**Schema:**

**Reference:**

```
"#/cicorents/schemas/data/cisco-br-iron/iron/instance/instance-id/address-pool/address-pool-pool-name/cisco-br-iron/reconcile/schedule/cisco-br-iron/time-of-day/hour"
```

**Required/Optional:** true

**Responses:**

"204":

**Description:** leaf time-of-day-hour 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: time-of-day-hour
```

?

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:pool-priority

: get:

#### Tags:

```
- data
- get
```

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_reconcile\_schedule\_cisco\_bng\_ipam\_time\_of\_day\_minute\_get

#### Parameters:

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config

```

```

 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:

```



**Reference:**

```
"#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_reconcile_schedule_cisco_bng_ipam_time_of_day_minute"
```

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**put:**

**Tags:**

- data

- put

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_reconcile_schedule_cisco_bng_ipam_time_of_day_minute.put
```

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

**Request Body:**

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

```
"/cisco-bng-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:pool-priority/cisco-bng-ipam:time-of-day-minute"
```

**Required/Optional:** true

**Responses:**

"201":

**Description:** leaf time-of-day-minute 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:** time-of-day-minute

**delete:****Tags:**

- data  
- delete

**Operation ID:**

```
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_reconcile_schedule_cisco_bng_ipam_time_of_day_minute_delete
```

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string  
**Format:** string

**Responses:****"204":**

**Description:** No Content  
**Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data  
 - options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_reconcile\_schedule\_cisco\_bng\_ipam\_time\_of\_day\_minute\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref  
 - **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

**Responses:****"200":**

**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_reconcile\_schedule\_cisco\_bng\_ipam\_time\_of\_day\_minute\_head

**Parameters:**

- **Name:** instance-instance-id

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form

```

```

 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

```

Responses:
 "200":
 Description: OK
 Content: {}

```

```

security:
 - basicAuth: []

```

patch:

```

Tags:
 - data
 - patch

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_reconcile\_schedule\_cisco\_bng\_ipam\_time\_of\_day\_minute\_patch

**Parameters:**

```

- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

**Request Body:**

**Content:**

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:pool-priority

**application/yang-data+json:**

**Schema:**

**Reference:**

"/components/schemas/data-cisco-cn-ipam-ipam-instance-instance-id-address-pool-address-pool-pool-name-cisco-bng-ipam-reconcile-schedule-cisco-bng-ipam-time-of-day-minute"

**Required/Optional:** true

**Responses:**

**"204":**

**Description:** leaf time-of-day-minute 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:** time-of-day-minute

?

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam-reconcile-schedule/cisco-bng-ipam-frequency

**: get:**

**Tags:**

- data

- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_reconcile\_schedule\_cisco\_bng\_ipam\_frequency\_get

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** address-pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

```
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/address-pool={address-pool-pool-name}/cisco-bng-ipam:pool-priority

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

#### Responses:

**"200":**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

"/components/schemas/data-cisco-cn-ipam-ipam-instance-instance-id-address-pool-address-pool-pool-name-cisco-bng-ipam-reconcile-schedule-cisco-bng-ipam-frequency"

**"204":**  
**Description:** No Content  
**Content:** {}  
**"400":**  
**Description:** Bad Request  
**Content:** {}  
**"401":**  
**Description:** Unauthorized  
**Content:** {}  
**"404":**  
**Description:** Not Found  
**Content:** {}  
**"405":**  
**Description:** Method Not Allowed  
**Content:** {}  
**"409":**  
**Description:** Conflict  
**Content:** {}

**security:**  
 - **basicAuth:** []

**put:**

**Tags:**  
 - data  
 - put

**Operation ID:**

data-cisco-cn-ipam-ipam-instance-instance-id-address-pool-address-pool-pool-name-cisco-bng-ipam-reconcile-schedule-cisco-bng-ipam-frequency-put

#### Parameters:

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**



```

 Type: string
 Format: leafref
- Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
Request Body:
Content:
 application/yang-data+json:
 Schema:
 Reference:
 "%/components/schemas/cisco-cn-ipam:ipam/instance-instance-id/address-pool-address-pool-pool-name/cisco-bng-ipam:pool-priority/cisco-bng-ipam:frequency"

 Required/Optional: true

Responses:
 "201":
 Description: leaf frequency 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: frequency
delete:

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_id_address_pool_address_pool_pool_name_cisco_bng_ipam_reconcile_schedule_cisco_bng_ipam_frequency_delete

```

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string

**Responses:**

- "204":**  
**Description:** No Content  
**Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_reconcile\_schedule\_cisco\_bng\_ipam\_frequency\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string

**Responses:**

**"200":**

**Description:** OK  
**Content:** {}  
**security:**  
 - **basicAuth:** []  
**head:**

**Tags:**  
 - data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_reconcile\_schedule\_cisco\_bng\_ipam\_frequency\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** address-pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**
  - config
  - nonconfig
  - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** integer  
**Format:** uint16

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

"200":

**Description:** OK**Content:** {}**security:**

- **basicAuth:** []

**patch:****Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_address\_pool\_address\_pool\_pool\_name\_cisco\_bng\_ipam\_reconcile\_schedule\_cisco\_bng\_ipam\_frequency\_patch

**Parameters:**

- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple

```

 Explode: false
 Schema:
 Type: string
 Format: leafref
 - Name: address-pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#components/schemas/cisco-cn-ipam:ipam/instance-instance-id/address-pool-address-pool-pool-name_cisco-cn-ipam:reconcile-schema_cisco-cn-ipam:frequency"

 Required/Optional: true

 Responses:
 "204":
 Description: leaf frequency 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: frequency

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/threshold

get:

```

Tags:
- data
- get

```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_threshold\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** leafref
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** string

```

- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_threshold"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

**security:**

```

- basicAuth: []

```

**put:**

**Tags:**

```

- data
- put

```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_put

**Parameters:**

```

- Name: instance-instance-id

```

/data/cisco-cn-ipam:ipam/instance={instance-instance-id}/threshold

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: leafref
Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_threshold"
 Required/Optional: true

Responses:
 "201":
 Description: container threshold created or replaced
 Content: {}
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: threshold
Method: Post

Tags:
- data
- post
Operation ID: data_cisco_cn_ipam_ipam_instance_instance-id_threshold_post

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false

```



```

 Schema:
 Type: string
 Format: leafref
 Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_threshold-post"

 Required/Optional: true

 Responses:
 "201":
 Description: container threshold created
 Content: {}
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: threshold
delete:

 Tags:
 - data
 - delete
 Operation ID: data_cisco_cn_ipam_ipam_instance_instance-id_threshold_delete

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string

```

**Format:** leafref

**Responses:**

**"204":**

**Description:** No Content

**Content:** {}

**security:**

- **basicAuth:** []

**options:**

**Tags:**

- data
- options

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_options

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

**Responses:**

**"200":**

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_head

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
  **In:** query  
  **Description:** limit the depth of nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
  **In:** query  
  **Description:** optionally identify specific data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
  **In:** query  
  **Description:** xpath expression to filter data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
  **In:** query  
  **Description:** controlling default values in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
      - report-all  
      - trim  
      - explicit  
      - report-all-tagged

**Responses:**  
  "200":

```

 Description: OK
 Content: {}
 security:
 - basicAuth: []
patch:

Tags:
- data
- patch
Operation ID: data_cisco_cn_ipam_ipam_instance_instance_id_threshold_patch

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco_cn_ipam_ipam_instance_instance_id_threshold"
 Required/Optional: true

Responses:
 "204":
 Description: container threshold updated
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: threshold

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/threshold/ipv4-addr

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_threshold\_ipv4\_addr\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance-instance-id\_threshold\_ipv4-addr"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**put:**

**Tags:**

- data
- put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_ipv4\_addr\_put

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

**Request Body:**

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_threshold\_ipv4-addr"

**Required/Optional:** true

**Responses:**

**"201":**

**Description:** leaf ipv4-addr created or replaced

**Content:** {}

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** ipv4-addr

**delete:**

**Tags:**

- data
- delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_ipv4\_addr\_delete

**Parameters:**

- **Name:** instance-instance-id

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref**Responses:****"204":****Description:** No Content**Content:** {}**security:**

- **basicAuth:** []

**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_ipv4\_addr\_options

**Parameters:**

- **Name:** instance-instance-id

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref**Responses:****"200":****Description:** OK**Content:** {}**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_ipv4\_addr\_head

**Parameters:**



- **Name:** instance-instance-id
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** leafref
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**patch:**

**Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_ipv4\_addr\_patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

**Request Body:**

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_threshold\_ipv4-addr"

**Required/Optional:** true

**Responses:**

**"204":**

**Description:** leaf ipv4-addr updated

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

```

 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: ipv4-addr

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/threshold/ipv6-addr

get:

```

 Tags:
 - data
 - get
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_instance_id_threshold_ipv6_addr_get

 Parameters:
 - Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form

```

```

 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

 "#/components/schemas/data_cisco-cn-ipam_ipam_instance-instance-id_threshold_ipv6-addr"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}

```

```

 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 put:

 Tags:
 - data
 - put
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_instance_id_threshold_ipv6_addr_put

 Parameters:
 - Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
 Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance-instance-id_threshold_ipv6-addr"

 Required/Optional: true

 Responses:
 "201":
 Description: leaf ipv6-addr created or replaced
 Content: {}
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}

```

```

 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: ipv6-addr
delete:

 Tags:
 - data
 - delete
 Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_threshold_ipv6_addr_delete

 Parameters:
 - Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref

 Responses:
 "204":
 Description: No Content
 Content: {}
 security:
 - basicAuth: []
options:

 Tags:
 - data
 - options
 Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_threshold_ipv6_addr_options

 Parameters:
 - Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref

```

**Responses:****"200":****Description:** OK**Content:** {}**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_ipv6\_addr\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**
  - config
  - nonconfig
  - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** integer  
**Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

```

 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []
patch:

Tags:
- data
- patch
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_threshold_ipv6_addr_patch

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
Request Body:
 Content:
 application/yang-data+json:

```



**Schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_threshold_ipv6-addr"
```

**Required/Optional:** true

**Responses:**

**"204":**

**Description:** leaf ipv6-addr updated

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** ipv6-addr

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/threshold /ipv6-prefix

**get:****Tags:**

- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_ipv6\_prefix\_get

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** config  
     **enum:**  
         - config  
         - nonconfig  
         - all

- **Name:** depth  
   **In:** query  
   **Description:** limit the depth of nodes in response  
   **Required/Optional:** false  
   **Style:** form  
   **Explode:** true  
   **Schema:**  
     **Type:** integer  
     **Format:** uint16

- **Name:** fields  
   **In:** query  
   **Description:** optionally identify specific data nodes in response  
   **Required/Optional:** false  
   **Style:** form  
   **Explode:** true  
   **Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** filter  
   **In:** query  
   **Description:** xpath expression to filter data nodes in response  
   **Required/Optional:** false  
   **Style:** form  
   **Explode:** true  
   **Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** with-defaults  
   **In:** query  
   **Description:** controlling default values in response  
   **Required/Optional:** false  
   **Style:** form  
   **Explode:** true  
   **Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit

- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:**

    application/yang-data+json:

**Schema:**

**Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_threshold\_ipv6-prefix"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**put:**

**Tags:**

- data

- put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance-id\_threshold\_ipv6\_prefix\_put

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

**Request Body:**

**Content:**

    application/yang-data+json:

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_threshold\_ipv6-prefix"

**Required/Optional:** true

**Responses:**

"201":

**Description:** leaf ipv6-prefix created or replaced

**Content:** {}

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

**x-codegen-request-body-name:** ipv6-prefix

**delete:**

**Tags:**

- data

- delete

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_ipv6\_prefix\_delete

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

**Responses:**

"204":

**Description:** No Content

**Content:** {}

**security:**

- basicAuth: []

**options:****Tags:**

- data
- options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_ipv6\_prefix\_options

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref

**Responses:****"200":****Description:** OK**Content:** {}**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_threshold\_ipv6\_prefix\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** leafref
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**
  - config
  - nonconfig

```

 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []
patch:

Tags:
```

```

- data
- patch
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_threshold_ipv6_prefix_patch

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
Request Body:
Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold_ipv6-prefix"

Required/Optional: true

Responses:
"204":
 Description: leaf ipv6-prefix updated
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}
security:
- basicAuth: []
x-codegen-request-body-name: ipv6-prefix

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/min-dp-addr-size

**get:**

**Tags:**  
- data

- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_get

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

- config
- nonconfig
- all

- **Name:** depth

**In:** query

**Description:** limit the depth of nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** integer

**Format:** uint16

- **Name:** fields

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string



```

 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_min-dp-addr-size"

 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 put:

 Tags:
 - data
 - put
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_instance_id_min_dp_addr_size_put

```

**Parameters:**

- **Name:** instance-instance-id

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** leafref

**Request Body:****Content:**

**application/yang-data+json:**

**Schema:****Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_min-dp-addr-size"

**Required/Optional:** true

**Responses:**

"201":

**Description:** container min-dp-addr-size created or replaced

**Content:** {}

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**x-codegen-request-body-name:** min-dp-addr-size

**Method:** Post

**Tags:**

- data

- post

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_post

**Parameters:**

- **Name:** instance-instance-id

```

 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
 Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_min-dp-addr-size-post"

 Required/Optional: true

 Responses:
 "201":
 Description: container min-dp-addr-size created
 Content: {}
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: min-dp-addr-size
delete:

 Tags:
 - data
 - delete
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_instance_id_min_dp_addr_size_delete

 Parameters:
 - Name: instance-instance-id
 In: path
 Required/Optional: true

```

```

 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref

 Responses:
 "204":
 Description: No Content
 Content: {}
 security:
 - basicAuth: []
 options:

 Tags:
 - data
 - options
 Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_min_dp_addr_size_options

 Parameters:
 - Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref

 Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_min_dp_addr_size_head

 Parameters:
 - Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
 - Name: content

```

**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all

- trim
- explicit
- report-all-tagged

**Responses:****"200":****Description:** OK**Content:** {}**security:**

- basicAuth: []

**patch:****Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_patch

**Parameters:**

- **Name:** instance-instance-id

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref**Request Body:****Content:****application/yang-data+json:****Schema:****Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_min-dp-addr-size"

**Required/Optional:** true**Responses:****"204":****Description:** container min-dp-addr-size updated**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict

```

 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: min-dp-addr-size

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/min-dp-ad dr-size/ipv4-addr

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_id\_min\_dp\_addr\_size\_ipv4\_addr\_get

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response

**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit  
         - report-all-tagged

#### Responses:

**"200":**  
     **Description:** OK  
     **Content:**  
         application/yang-data+json:  
             **Schema:**  
                 **Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_min-dp-addr-size\_ipv4-addr"

**"204":**  
     **Description:** No Content  
     **Content:** {}  
**"400":**  
     **Description:** Bad Request  
     **Content:** {}  
**"401":**  
     **Description:** Unauthorized  
     **Content:** {}  
**"404":**  
     **Description:** Not Found  
     **Content:** {}  
**"405":**



```

 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
put:

Tags:
- data
- put
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_min_dp_addr_size_ipv4_addr_put

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size_ipv4-addr"

 Required/Optional: true

Responses:
 "201":
 Description: leaf ipv4-addr created or replaced
 Content: {}
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":

```

```

 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: ipv4-addr
delete:

 Tags:
 - data
 - delete
 Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_min_dp_addr_size_ipv4_addr_delete

 Parameters:
 - Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref

 Responses:
 "204":
 Description: No Content
 Content: {}
 security:
 - basicAuth: []
options:

 Tags:
 - data
 - options
 Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_min_dp_addr_size_ipv4_addr_options

 Parameters:
 - Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref

 Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []
head:

```

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_ipv4\_addr\_head

**Parameters:**

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form

```

 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []
patch:

Tags:
- data
- patch
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_min_dp_addr_size_ipv4_addr_patch

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size_ipv4-addr"

 Required/Optional: true

Responses:
 "204":

```

```

 Description: leaf ipv4-addr updated
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: ipv4-addr

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/min-dp-addr-size/ipv6-addr

**get:**

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_min_dp_addr_size_ipv6_addr_get

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

```

 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:****"200":****Description:** OK**Content:**

application/yang-data+json:

**Schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size_ipv6-addr"
```

```
"204":
```

```
 Description: No Content
```

```
 Content: {}
```

```
"400":
```

```
 Description: Bad Request
```

```
 Content: {}
```

```
"401":
```

```
 Description: Unauthorized
```

```
 Content: {}
```

```
"404":
```

```
 Description: Not Found
```

```
 Content: {}
```

```
"405":
```

```
 Description: Method Not Allowed
```

```
 Content: {}
```

```
"409":
```

```
 Description: Conflict
```

```
 Content: {}
```

```
security:
```

```
- basicAuth: []
```

```
put:
```

```
Tags:
```

```
- data
```

```
- put
```

```
Operation ID:
```

```
data_cisco_cn_ipam_ipam_instance_instance_instance-id_min_dp_addr_size_ipv6_addr_put
```

```
Parameters:
```

```
- Name: instance-instance-id
```

```
 In: path
```

```
 Required/Optional: true
```

```
 Style: simple
```

```
 Explode: false
```

```
 Schema:
```

```
 Type: string
```

```
 Format: leafref
```

```
Request Body:
```

```
 Content:
```

```
 application/yang-data+json:
```

```
 Schema:
```

```
 Reference:
```

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size_ipv6-addr"
```

```
 Required/Optional: true
```

```
Responses:
```

```
"201":
```

```
 Description: leaf ipv6-addr created or replaced
```

```

 Content: {}
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: ipv6-addr
delete:

Tags:
- data
- delete
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_min_dp_addr_size_ipv6_addr_delete

Parameters:
- Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref

Responses:
 "204":
 Description: No Content
 Content: {}
 security:
 - basicAuth: []
options:

Tags:
- data
- options
Operation ID:
data_cisco_cn_ipam_ipam_instance_instance_instance_id_min_dp_addr_size_ipv6_addr_options

```



**Parameters:**

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** leafref

**Responses:**

- "200":
  - Description:** OK
  - Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_ipv6\_addr\_head

**Parameters:**

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true
- Style:** simple
- Explode:** false
- Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** content
- In:** query
- Description:** controlling descendant nodes in response
- Required/Optional:** false
- Style:** form
- Explode:** true
- Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth
- In:** query
- Description:** limit the depth of nodes in response
- Required/Optional:** false
- Style:** form
- Explode:** true

**Schema:****Type:** integer**Format:** uint16**- Name:** fields**In:** query**Description:** optionally identify specific data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** string**- Name:** filter**In:** query**Description:** xpath expression to filter data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** string**- Name:** with-defaults**In:** query**Description:** controlling default values in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** report-all**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:****"200":****Description:** OK**Content:** {}**security:****- basicAuth:** []**patch:****Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_ipv6\_addr\_patch

**Parameters:****- Name:** instance-instance-id

```

 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
 Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size_ipv6-addr"

 Required/Optional: true

 Responses:
 "204":
 Description: leaf ipv6-addr updated
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: ipv6-addr

```

## /data/cisco-cn-ipam:ipam/instance={instance-instance-id}/min-dp-ad dr-size/ipv6-prefix

get:

```

 Tags:
 - data
 - get
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_instance_id_min_dp_addr_size_ipv6_prefix_get

 Parameters:

```

- **Name:** instance-instance-id  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** leafref
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_min-dp-addr-size\_ipv6-prefix"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**put:**

**Tags:**

- data
- put

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance-id\_min\_dp\_addr\_size\_ipv6\_prefix\_put

**Parameters:**

- **Name:** instance-instance-id
- In:** path
- Required/Optional:** true

```

 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: leafref
 Request Body:
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-id_min-dp-addr-size_ipv6-prefix"

 Required/Optional: true

 Responses:
 "201":
 Description: leaf ipv6-prefix created or replaced
 Content: {}
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 x-codegen-request-body-name: ipv6-prefix
delete:

 Tags:
 - data
 - delete
 Operation ID:
 data_cisco_cn_ipam_ipam_instance_instance_instance-id_min_dp_addr_size_ipv6_prefix_delete

 Parameters:
 - Name: instance-instance-id
 In: path
 Required/Optional: true
 Style: simple
 Explode: false

```

**Schema:**

**Type:** string  
**Format:** leafref

**Responses:****"204":**

**Description:** No Content  
**Content:** {}

**security:**

- **basicAuth:** []

**options:****Tags:**

- data  
 - options

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_ipv6\_prefix\_options

**Parameters:**

- **Name:** instance-instance-id

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:**

**Type:** string  
**Format:** leafref

**Responses:****"200":**

**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_ipv6\_prefix\_head

**Parameters:**

- **Name:** instance-instance-id

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:**

**Type:** string  
**Format:** leafref

- **Name:** content

**In:** query**Description:** controlling descendant nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```



**Responses:****"200":****Description:** OK**Content:** {}**security:****- basicAuth:** []**patch:****Tags:**

- data
- patch

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_instance\_instance\_instance\_id\_min\_dp\_addr\_size\_ipv6\_prefix\_patch

**Parameters:****- Name:** instance-instance-id**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** leafref**Request Body:****Content:****application/yang-data+json:****Schema:****Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_min-dp-addr-size\_ipv6-prefix"

**Required/Optional:** true**Responses:****"204":****Description:** leaf ipv6-prefix updated**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**

```
- basicAuth: []
x-codegen-request-body-name: ipv6-prefix
```

## /data/cisco-cn-ipam:ipam/pool

**get:**

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_get

**Parameters:**

```
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
```

```
Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference: "#/components/schemas/data_cisco-cn-ipam_ipam_pool"
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_pool_head
```

**Parameters:**

- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all

```

enum:
- report-all
- trim
- explicit
- report-all-tagged

```

```

Responses:
"200":
 Description: OK
 Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_get

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

```

 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference: "#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name"

"204":
 Description: No Content
 Content: {}

"400":
 Description: Bad Request
 Content: {}

"401":
 Description: Unauthorized
 Content: {}

```

```
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_head

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
```

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/pool-name

**get:**

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_pool_name_get

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple

```



```
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
```

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**"200":**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_pool-name"

**"204":**  
**Description:** No Content  
**Content:** {}  
**"400":**  
**Description:** Bad Request  
**Content:** {}  
**"401":**  
**Description:** Unauthorized  
**Content:** {}  
**"404":**  
**Description:** Not Found  
**Content:** {}  
**"405":**  
**Description:** Method Not Allowed  
**Content:** {}  
**"409":**  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data  
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_pool\_name\_head

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** report-all
  - enum:**

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/gr-inst-id

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/gr-inst-id

**get:**

**Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_gr\_inst\_id\_get

**Parameters:**

- **Name:** pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

- config
- nonconfig
- all

- **Name:** depth

**In:** query

**Description:** limit the depth of nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** integer

```

 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_gr-inst-id"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":

```

```

 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_gr_inst_id_head

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false

```

```

 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-total

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_total_get

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false

```

```

Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string

```



**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-total"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_total\_head

**Parameters:**

- **Name:** pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

```

In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all

```

- trim
- explicit
- report-all-tagged

**Responses:****"200":****Description:** OK**Content:** {}**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-used

**get:****Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_used\_get**Parameters:**

- **Name:** pool-pool-name

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** content

**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** config**enum:**

- config
- nonconfig
- all

- **Name:** depth

**In:** query**Description:** limit the depth of nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** integer**Format:** uint16

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

**"200":**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

"/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-used"

**"204":**  
**Description:** No Content  
**Content:** {}  
**"400":**  
**Description:** Bad Request  
**Content:** {}  
**"401":**  
**Description:** Unauthorized  
**Content:** {}  
**"404":**  
**Description:** Not Found

```

 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_used_head

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form

```

```

 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-threshold

**get:**

```

Tags:
 - data
 - get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_threshold_get

Parameters:
 - Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:

```

```
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
```

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-threshold"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_threshold\_head

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** content  
**In:** query



**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all  
    - trim  
    - explicit

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr-total

- report-all-tagged

#### Responses:

"200":

Description: OK

Content: {}

#### security:

- basicAuth: []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr-total

#### get:

##### Tags:

- data  
- get

Operation ID: data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_total\_get

##### Parameters:

- Name: pool-pool-name

In: path

Required/Optional: true

Style: simple

Explode: false

##### Schema:

Type: string

Format: string

- Name: content

In: query

Description: controlling descendant nodes in response

Required/Optional: false

Style: form

Explode: true

##### Schema:

Type: string

Format: enumeration

Default: config

##### enum:

- config  
- nonconfig  
- all

- Name: depth

In: query

Description: limit the depth of nodes in response

Required/Optional: false

Style: form

Explode: true

##### Schema:

Type: integer

Format: uint16

- Name: fields

In: query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr-total"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

```

 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_total_head

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

```

 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr-used

get:

```

Tags:
 - data
 - get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_used_get

Parameters:
 - Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr-used"

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_used\_head**Parameters:**

- **Name:** pool-pool-name

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** content

**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false

```

Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```



**Responses:**  
 "200":  
   **Description:** OK  
   **Content:** {}  
**security:**  
 - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr-threshold

**get:**

**Tags:**  
 - data  
 - get  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_threshold\_get

**Parameters:**

- **Name:** pool-pool-name  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** content  
   **In:** query  
   **Description:** controlling descendant nodes in response  
   **Required/Optional:** false  
   **Style:** form  
   **Explode:** true  
   **Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** config  
     **enum:**  
       - config  
       - nonconfig  
       - all
- **Name:** depth  
   **In:** query  
   **Description:** limit the depth of nodes in response  
   **Required/Optional:** false  
   **Style:** form  
   **Explode:** true  
   **Schema:**  
     **Type:** integer  
     **Format:** uint16
- **Name:** fields  
   **In:** query  
   **Description:** optionally identify specific data nodes in response

**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit  
         - report-all-tagged

#### Responses:

**"200":**  
     **Description:** OK  
     **Content:**  
         application/yang-data+json:  
             **Schema:**  
                 **Reference:**  
                 "/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr-threshold"  
**"204":**  
     **Description:** No Content  
     **Content:** {}  
**"400":**  
     **Description:** Bad Request  
     **Content:** {}  
**"401":**  
     **Description:** Unauthorized  
     **Content:** {}  
**"404":**  
     **Description:** Not Found  
     **Content:** {}  
**"405":**  
     **Description:** Method Not Allowed

```

 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_threshold_head

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string

```

```

 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-pfx-total

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_pfx_total_get

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content

```

**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-pfx-total

- trim
- explicit
- report-all-tagged

#### Responses:

"200":

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-pfx-total"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_pfx\_total\_head

**Parameters:**

- **Name:** pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

```
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged
```

**Responses:**

```

 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-pfx-used

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_pfx_used_get

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false

```



```

Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-pfx-used"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}

```

```

 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_pfx_used_head

 Parameters:
 - Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string

```

```

- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-pfx-threshold:

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_pfx_threshold_get

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query

```

**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** config  
     **enum:**  
         - config  
         - nonconfig  
         - all

- **Name:** depth  
   **In:** query  
   **Description:** limit the depth of nodes in response  
   **Required/Optional:** false  
   **Style:** form  
   **Explode:** true  
   **Schema:**  
     **Type:** integer  
     **Format:** uint16

- **Name:** fields  
   **In:** query  
   **Description:** optionally identify specific data nodes in response  
   **Required/Optional:** false  
   **Style:** form  
   **Explode:** true  
   **Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** filter  
   **In:** query  
   **Description:** xpath expression to filter data nodes in response  
   **Required/Optional:** false  
   **Style:** form  
   **Explode:** true  
   **Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** with-defaults  
   **In:** query  
   **Description:** controlling default values in response  
   **Required/Optional:** false  
   **Style:** form  
   **Explode:** true  
   **Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit

- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-pfx-threshold"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data  
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_pfx\_threshold\_head

**Parameters:**

- **Name:** pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

```

 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK

```

```

 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-rsvd-addr

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_rsvd_addr_get

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true

```

**Schema:**  
**Type:** string  
**Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**
  - report-all
  - trim
  - explicit
  - report-all-tagged

**Responses:**

**"200":**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**  
 "#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-rsvd-addr"

**"204":**  
**Description:** No Content  
**Content:** {}

**"400":**  
**Description:** Bad Request  
**Content:** {}

**"401":**  
**Description:** Unauthorized  
**Content:** {}

**"404":**  
**Description:** Not Found  
**Content:** {}

**"405":**  
**Description:** Method Not Allowed  
**Content:** {}

**"409":**  
**Description:** Conflict



```
 Content: {}
 security:
 - basicAuth: []
head:
```

**Tags:**

```
- data
- head
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_rsvd\_addr\_head

**Parameters:**

```
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
```

**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit  
         - report-all-tagged  
  
**Responses:**  
     "200":  
         **Description:** OK  
         **Content:** {}  
**security:**  
     - basicAuth: []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/iana-rsvd-addr

get:

**Tags:**  
     - data  
     - get  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_iana\_rsvd\_addr\_get  
  
**Parameters:**  
     - **Name:** pool-pool-name  
         **In:** path  
         **Required/Optional:** true  
         **Style:** simple  
         **Explode:** false  
         **Schema:**  
             **Type:** string  
             **Format:** string  
     - **Name:** content  
         **In:** query  
         **Description:** controlling descendant nodes in response  
         **Required/Optional:** false

```
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged
```

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_iana-rsvd-addr"

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:****- basicAuth:** []**head:****Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_iana\_rsvd\_addr\_head**Parameters:****- Name:** pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** content**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string

```
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
"200":
 Description: OK
 Content: {}
```

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/iapd-rsvd-addr

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_iapd\_rsvd\_addr\_get

**Parameters:**

```
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
```

```

 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_iapd-rsvd-addr"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```

 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_iapd_rsvd_addr_head

 Parameters:
 - Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response

```



```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/app-name-bng

**get:**

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_app_name_bng_get

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form

```

```

Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_app-name-bng"
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_app_name_bng_head

 Parameters:
 - Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

```

 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/srg-peer-id

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_srg\_peer\_id\_get

**Parameters:**

```
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
```

```

 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_srg-peer-id"
"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_srg_peer_id_head

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
```

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/l3-routed

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_l3_routed_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_l3-routed"
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_l3_routed_head

 Parameters:
 - Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

```
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged
```

**Responses:**

```
"200":
 Description: OK
 Content: {}
```

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/static

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_static\_get

**Parameters:**

```
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
```

```

 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

 "#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_static"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```

 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_static_head

 Parameters:
 - Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response

```

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/offline

**get:**

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_offline_get

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form

```

```

Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:



```

 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_offline"
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_offline_head

 Parameters:
 - Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

```

 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr

get:

```
Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_get

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
```

```

 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr"
"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_head

 Parameters:
 - Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
```

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-start-addr}

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-start-addr}

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

```

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_head

**Parameters:**

- **Name:** pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false



```
Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
```

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/start-addr

```
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []
```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/start-addr

get:

```
Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_start_addr_get

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
```

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** report-all
  - enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_start-addr"

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**

- basicAuth: []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_start\_addr\_head

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true

```
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
```

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-start-addr}/pool

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**"200":**  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-start-addr}/pool

**get:**

**Tags:**

- data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_pool\_get

**Parameters:**

- **Name:** pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
  **In:** query  
  **Description:** limit the depth of nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
  **In:** query  
  **Description:** optionally identify specific data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
  **In:** query  
  **Description:** xpath expression to filter data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
  **In:** query  
  **Description:** controlling default values in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
      - report-all  
      - trim  
      - explicit  
      - report-all-tagged

**Responses:**  
  "200":

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/pool

```

 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_pool"

 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_pool_head

 Parameters:
 - Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content

```



**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-start-addr}/index

- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- basicAuth: []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-start-addr}/index

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_index\_get

**Parameters:**

- **Name:** pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

- config

```

 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```

"#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_index"

```

```

 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_index_head

 Parameters:
 - Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

```
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
```

```
/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/end-addr
```

```
 Content: {}
 security:
 - basicAuth: []
```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/end-addr

get:

```
Tags:
- data
- get
```

Operation ID:

```
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_end_addr_get
```

Parameters:

```
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
```

```

 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

 "#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_end-addr"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}

```

```

 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_end_addr_head

 Parameters:
 - Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all

```



- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:****"200":****Description:** OK**Content:** {}**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-start-addr}/alloc-id

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_alloc\_id\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_alloc-id"

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":**

```

 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_alloc_id_head

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false

```

```

 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr  
r-start-addr}/route**

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_route\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

```

Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_route"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":

```

```

 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_route_head

 Parameters:
 - Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields

```



```

In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/gateway-addr

**get:**

```

Tags:
- data
- get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_gateway\_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\_gateway-addr"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/gateway-addr

#### Tags:

- data
- head

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_gateway\_addr\_head

#### Parameters:

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form

```

 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/static

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_static_get

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true

```

```

Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

```

 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

 Responses:
 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_static"

 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_static_head

```

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query



**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit  
         - report-all-tagged  
  
**Responses:**  
     "200":  
         **Description:** OK  
         **Content:** {}  
     **security:**  
         - basicAuth: []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/offline

**get:**

**Tags:**  
     - data  
     - get  
**Operation ID:**  
 data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_offline\_get  
  
**Parameters:**  
     **- Name:** pool-pool-name  
         **In:** path  
         **Required/Optional:** true  
         **Style:** simple  
         **Explode:** false  
         **Schema:**  
             **Type:** string  
             **Format:** string  
     **- Name:** ipv4-addr-start-addr

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false

```

**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**"200":**  
   **Description:** OK  
   **Content:**  
     application/yang-data+json:  
       **Schema:**  
         **Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_offline"

**"204":**  
   **Description:** No Content  
   **Content:** {}  
**"400":**  
   **Description:** Bad Request  
   **Content:** {}  
**"401":**  
   **Description:** Unauthorized  
   **Content:** {}  
**"404":**  
   **Description:** Not Found  
   **Content:** {}  
**"405":**  
   **Description:** Method Not Allowed  
   **Content:** {}  
**"409":**  
   **Description:** Conflict  
   **Content:** {}

**security:**  
   - **basicAuth:** []

**head:**

**Tags:**  
   - data  
   - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_offline\_head

**Parameters:**

- **Name:** pool-pool-name  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple

```

 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string

```

```

 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/native-inst-id

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_native_inst_id_get

```

```

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:

```

```

 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_native-inst-id"
```

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**- **basicAuth:** []**head:****Tags:**

- data
- head

**Operation ID:**

```
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_native_inst_id_head
```

**Parameters:**- **Name:** pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response



**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**  
   "200":  
     **Description:** OK  
     **Content:** {}  
   **security:**  
     - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/peer-inst-id

**get:**

**Tags:**  
   - data  
   - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_peer\_inst\_id\_get

**Parameters:**

- **Name:** pool-pool-name  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string  
 - **Name:** ipv4-addr-start-addr  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string  
 - **Name:** content  
   **In:** query

**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** config  
     **enum:**  
         - config  
         - nonconfig  
         - all

**- Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16

**- Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit

- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_peer-inst-id"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

**head:**

**Tags:**

- data

- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_peer\_inst\_id\_head

**Parameters:**

- **Name:** pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

```

 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**  
**"200":**  
**Description:** OK  
**Content:** {}  
**security:**  
 - basicAuth: []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr r-start-addr}/flag

**get:**

**Tags:**  
 - data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_flag\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

```

 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK

```

```

 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_flag"

 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_flag_head

 Parameters:
 - Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query

```

**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** config  
     **enum:**  
         - config  
         - nonconfig  
         - all

**- Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16

**- Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit



- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-start-addr}/native-peer-id

**get:**

**Tags:**

- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_native\_peer\_id\_get

**Parameters:**

- **Name:** pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

    - config  
    - nonconfig

- all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```

"#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_native-peer-id"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}
security:
- basicAuth: []
head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_native\_peer\_id\_head

**Parameters:**

```

- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

```

 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK

```

```

 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-start-addr}/addr-alloc-thrs

get:

```

Tags:
- data
- get

```

Operation ID:

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_addr\_alloc\_thrs\_get

Parameters:

```

- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false

```

```

Style: form
Explode: true
Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_addr-alloc-thrs"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request

```

```

 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_addr\_alloc\_thrs\_head

**Parameters:**

```

- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config

```

```

 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

**security:**

```

- basicAuth: []

```



## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv4-addr={ipv4-addr-start-addr}/alloc-addr-list

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_alloc\_addrs\_list\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer

```

 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

 "#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_alloc-addrs-list"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}

```

```

 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv4_addr_ipv4_addr_start_addr_alloc_addrs_list_head

```

#### Parameters:

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query

**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16  
**- Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit  
         - report-all-tagged  
  
**Responses:**  
     **"200":**  
         **Description:** OK  
         **Content:** {}  
**security:**  
     - **basicAuth:** []

**/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr**

**get:**

**Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_get

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true

**Schema:****Type:** string**Format:** string**- Name:** with-defaults**In:** query**Description:** controlling default values in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** report-all**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr"

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:****- basicAuth:** []**head:****Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_head

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr r-start-addr}

**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**  
 "200":  
     **Description:** OK  
     **Content:** {}  
**security:**  
 - basicAuth: []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr r-start-addr}

**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

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr-start-addr}

- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_head

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple

```

Explode: false
Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr-start-addr}/start-addr

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**"200":**  
**Description:** OK  
**Content:** {}

**security:**  
 - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr-start-addr}/start-addr

**get:**

**Tags:**  
 - data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_start\_addr\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

**Type:** string  
**Format:** string

- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

**Type:** string  
**Format:** string

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

```
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
```

```

 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr_ipv6-addr-start-addr_start-addr"

 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_start_addr_head

 Parameters:
 - Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query

```

**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all  
    - trim  
    - explicit

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr r-start-addr}/pool

- report-all-tagged

#### Responses:

"200":

  Description: OK

  Content: {}

#### security:

- basicAuth: []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr r-start-addr}/pool

#### get:

##### Tags:

- data  
- get

##### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_pool\_get

##### Parameters:

- Name: pool-pool-name

  In: path

  Required/Optional: true

  Style: simple

  Explode: false

##### Schema:

  Type: string

  Format: string

- Name: ipv6-addr-start-addr

  In: path

  Required/Optional: true

  Style: simple

  Explode: false

##### Schema:

  Type: string

  Format: string

- Name: content

  In: query

  Description: controlling descendant nodes in response

  Required/Optional: false

  Style: form

  Explode: true

##### Schema:

  Type: string

  Format: enumeration

  Default: config

##### enum:

- config  
- nonconfig  
- all



- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_pool

**"204":**

```

 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_pool_head

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string

```

```
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged
```

**Responses:****"200":****Description:** OK**Content:** {}

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr-start-addr}/index

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr-start-addr}/index

get:

**Tags:**

```
- data
- get
```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_index\_get

**Parameters:**

- **Name:** pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

```
- config
- nonconfig
- all
```

- **Name:** depth

**In:** query

**Description:** limit the depth of nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** integer  
**Format:** uint16

**- Name:** fields

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string  
**Format:** string

**- Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string  
**Format:** string

**- Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_index"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

```

 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_index_head

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth

```

**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all  
    - trim  
    - explicit  
    - report-all-tagged

**Responses:**  
    **"200":**  
        **Description:** OK  
        **Content:** {}  
**security:**  
- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr r-start-addr}/end-addr

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_end\_addr\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16



- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr_ipv6-addr-start-addr_end-addr"
```

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":**

```

 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_end_addr_head

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false

```

```

 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr-start-addr}/alloc-id**

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_alloc\_id\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
    - config  
    - nonconfig  
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** integer  
  **Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

```

Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr_ipv6-addr-start-addr_alloc-id"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":

```

```

 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_alloc_id_head

 Parameters:
 - Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields

```

```

In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr-start-addr}/route

**get:**

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_route_get

```

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response



```

 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr_ipv6-addr-start-addr_route"

 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

```

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr r-start-addr}/route

#### Tags:

- data
- head

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_route\_head

#### Parameters:

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

```

 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr r-start-addr}/gateway-addr

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_gateway_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_gateway-addr"

 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_gateway_addr_head

```

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query

**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit  
         - report-all-tagged  
  
**Responses:**  
     "200":  
         **Description:** OK  
         **Content:** {}  
     **security:**  
         - basicAuth: []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr r-start-addr}/static

**get:**

**Tags:**  
     - data  
     - get  
**Operation ID:**  
 data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_static\_get  
  
**Parameters:**  
     **- Name:** pool-pool-name  
         **In:** path  
         **Required/Optional:** true  
         **Style:** simple  
         **Explode:** false  
         **Schema:**  
             **Type:** string  
             **Format:** string  
     **- Name:** ipv6-addr-start-addr

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false

```



**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**"200":**  
   **Description:** OK  
   **Content:**  
     application/yang-data+json:  
       **Schema:**  
         **Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_static"

**"204":**  
   **Description:** No Content  
   **Content:** {}  
**"400":**  
   **Description:** Bad Request  
   **Content:** {}  
**"401":**  
   **Description:** Unauthorized  
   **Content:** {}  
**"404":**  
   **Description:** Not Found  
   **Content:** {}  
**"405":**  
   **Description:** Method Not Allowed  
   **Content:** {}  
**"409":**  
   **Description:** Conflict  
   **Content:** {}

**security:**  
   - **basicAuth:** []

**head:**

**Tags:**  
   - data  
   - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_static\_head

**Parameters:**

- **Name:** pool-pool-name  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple

```

 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string

```

```

 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr r-start-addr}/offline

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_offline_get

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string

```

```

 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all

```

```

enum:
- report-all
- trim
- explicit
- report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr_ipv6-addr-start-addr_offline"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```

security:
- basicAuth: []

```

**head:**

```

Tags:
- data
- head

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_offline_head

```

**Parameters:**

```

- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path

```

```

Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form

```

```

Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

```

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr r-start-addr}/native-inst-id

**get:**

```

Tags:
 - data
 - get
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_native_inst_id_get

```

```

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false

```

```

Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```



**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_native-inst-id"

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:****- basicAuth:** []**head:****Tags:**- data  
- head**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_native\_inst\_id\_head

**Parameters:****- Name:** pool-pool-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** ipv6-addr-start-addr**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:**

```

 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- basicAuth: []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr r-start-addr}/peer-inst-id

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_peer\_inst\_id\_get

**Parameters:**

- **Name:** pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

```

 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:****"200":****Description:** OK**Content:**

```

 application/yang-data+json:
 Schema:
 Reference:
"#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr_ipv6-addr-start-addr_peer-inst-id"

 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

 Tags:
 - data
 - head
 Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_peer_inst_id_head

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query

```

**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** config  
     **enum:**  
         - config  
         - nonconfig  
         - all

**- Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16

**- Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit

- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr-start-addr}/flag

**get:****Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_flag\_get

**Parameters:**

- **Name:** pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

- config
- nonconfig
- all

- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_flag"

**"204":**



```

 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []

```

**head:**

**Tags:**

```

- data
- head

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_flag\_head

**Parameters:**

```

- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string

```

```

 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
"200":
 Description: OK
 Content: {}

```

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr-start-addr}/native-peer-id

get:

**Tags:**

```
- data
- get
```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_native\_peer\_id\_get

**Parameters:**

```
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
```

```

 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

 "#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr_ipv6-addr-start-addr_native-peer-id"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}

```

```

 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_native_peer_id_head

```

#### Parameters:

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig

- all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:****"200":****Description:** OK**Content:** {}**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr-start-addr}/addr-alloc-thrs

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_addr\_alloc\_thrs\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer

```

 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

 "#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr_ipv6-addr-start-addr_addr-alloc-thrs"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}

```



```

 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_addr_alloc_thrs_head

```

#### Parameters:

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query

**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16  
**- Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit  
         - report-all-tagged  
  
**Responses:**  
     **"200":**  
         **Description:** OK  
         **Content:** {}  
**security:**  
**- basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-addr={ipv6-addr-start-addr}/alloc-addr-list

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_alloc\_addrs\_list\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer

```

 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr_ipv6-addr-start-addr_alloc-addrs-list"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}

```

```

 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_addr_ipv6_addr_start_addr_alloc_addrs_list_head

```

#### Parameters:

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query

**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16  
**- Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit  
         - report-all-tagged  
  
**Responses:**  
     "200":  
         **Description:** OK  
         **Content:** {}  
**security:**  
     - **basicAuth:** []

**/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix**

**get:**

**Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_get

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true

**Schema:****Type:** string**Format:** string**- Name:** with-defaults**In:** query**Description:** controlling default values in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** report-all**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix"

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:****- basicAuth:** []**head:****Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_head



**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}

**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**  
 "200":  
   **Description:** OK  
   **Content:** {}  
**security:**  
 - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}

**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

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}

- trim
- explicit
- report-all-tagged

#### Responses:

"200":

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

#### security:

- **basicAuth:** []

#### head:

#### Tags:

- data
- head

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_head

#### Parameters:

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple

```
Explode: false
Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
```

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/start-addr

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/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":

```
/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/start-addr
```

```

 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_start-addr"

 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_start_addr_head

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```



- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** report-all
  - enum:**

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/pool

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/pool

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_pool\_get

**Parameters:**

- **Name:** pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

```

- config
- nonconfig
- all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_pool"
```

```
"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}
```

```
security:
- basicAuth: []
```

```
head:
```

```
Tags:
```

```
- data
- head
```

```
Operation ID:
```

```
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_pool_head
```

```
Parameters:
```

```
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
```

**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
  **In:** query  
  **Description:** limit the depth of nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
  **In:** query  
  **Description:** optionally identify specific data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
  **In:** query  
  **Description:** xpath expression to filter data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
  **In:** query  
  **Description:** controlling default values in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
      - report-all  
      - trim  
      - explicit  
      - report-all-tagged

**Responses:**  
  "200":

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/index

**Description:** OK  
**Content:** {}  
**security:**  
 - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/index

**get:**

**Tags:**

- data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_index\_get

**Parameters:**

- **Name:** pool-pool-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

- config  
 - nonconfig  
 - all

- **Name:** depth

**In:** query

**Description:** limit the depth of nodes in response

**Required/Optional:** false

```

Style: form
Explode: true
Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```

"#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_index"

```

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request

```

 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_index_head

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig

```



```
- all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged
```

**Responses:**

```
"200":
 Description: OK
 Content: {}
```

**security:**

```
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/end-addr

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_end\_addr\_get

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer

```

 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_end-addr"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}

```

/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/end-addr

```

 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_end_addr_head

```

#### Parameters:

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query

**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
    **In:** query  
    **Description:** optionally identify specific data nodes in response  
    **Required/Optional:** false  
    **Style:** form  
    **Explode:** true  
    **Schema:**  
        **Type:** string  
        **Format:** string

- **Name:** filter  
    **In:** query  
    **Description:** xpath expression to filter data nodes in response  
    **Required/Optional:** false  
    **Style:** form  
    **Explode:** true  
    **Schema:**  
        **Type:** string  
        **Format:** string

- **Name:** with-defaults  
    **In:** query  
    **Description:** controlling default values in response  
    **Required/Optional:** false  
    **Style:** form  
    **Explode:** true  
    **Schema:**  
        **Type:** string  
        **Format:** enumeration  
        **Default:** report-all  
        **enum:**  
            - report-all  
            - trim  
            - explicit  
            - report-all-tagged

**Responses:**  
    "200":  
        **Description:** OK  
        **Content:** {}  
**security:**  
- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/alloc-id

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_alloc\_id\_get

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer

```

 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_alloc-id"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}

```

```

 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_alloc_id_head

```

#### Parameters:

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query



**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
    **In:** query  
    **Description:** optionally identify specific data nodes in response  
    **Required/Optional:** false  
    **Style:** form  
    **Explode:** true  
    **Schema:**  
        **Type:** string  
        **Format:** string

- **Name:** filter  
    **In:** query  
    **Description:** xpath expression to filter data nodes in response  
    **Required/Optional:** false  
    **Style:** form  
    **Explode:** true  
    **Schema:**  
        **Type:** string  
        **Format:** string

- **Name:** with-defaults  
    **In:** query  
    **Description:** controlling default values in response  
    **Required/Optional:** false  
    **Style:** form  
    **Explode:** true  
    **Schema:**  
        **Type:** string  
        **Format:** enumeration  
        **Default:** report-all  
        **enum:**  
            - report-all  
            - trim  
            - explicit  
            - report-all-tagged

**Responses:**  
    "200":  
        **Description:** OK  
        **Content:** {}  
**security:**  
- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/route

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_route\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_route"

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":**

```

 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_route_head

 Parameters:
 - Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false

```

```

 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p  
refix-start-addr}/gateway-addr**

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_gateway\_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_gateway-addr"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}

```

```

 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_gateway_addr_head

```

#### Parameters:

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer



```

 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p  
refix-start-addr}/static**

**get:**

```

Tags:
- data
- get
Operation ID:

```

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_static\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** config  
     **enum:**  
         - config  
         - nonconfig  
         - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** filter

**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit  
         - report-all-tagged

#### Responses:

**"200":**  
     **Description:** OK  
     **Content:**  
         application/yang-data+json:  
         **Schema:**  
         **Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_static"

**"204":**  
     **Description:** No Content  
     **Content:** {}  
**"400":**  
     **Description:** Bad Request  
     **Content:** {}  
**"401":**  
     **Description:** Unauthorized  
     **Content:** {}  
**"404":**  
     **Description:** Not Found  
     **Content:** {}  
**"405":**  
     **Description:** Method Not Allowed  
     **Content:** {}  
**"409":**  
     **Description:** Conflict  
     **Content:** {}

#### security:

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_static\_head

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form

```

 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/offline

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_offline_get

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true

```

```

Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

```

 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

 Responses:
 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_offline"

 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_offline_head

```

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** config  
     **enum:**  
         - config  
         - nonconfig  
         - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** filter



**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**  
**"200":**  
     **Description:** OK  
     **Content:** {}  
**security:**  
 - basicAuth: []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/native-inst-id

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_native\_inst\_id\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string

```

 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query

```

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_native-inst-id"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_native\_inst\_id\_head

**Parameters:**

- **Name:** pool-pool-name

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form

```

```

 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/peer-inst-id

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_peer_inst_id_get

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true

```

```

Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true

```

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```
"/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_peer-inst-id"
```

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

```
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_peer_inst_id_head
```

**Parameters:**

- **Name:** pool-pool-name

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false

```

Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string

```



```

- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/flag

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_flag_get

Parameters:
- Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_flag"
```

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

```
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_flag_head
```

**Parameters:**

- **Name:** pool-pool-name

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** ipv6-prefix-start-addr

**In:** path**Required/Optional:** true

```

Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true

```

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**"200":**  
**Description:** OK  
**Content:** {}  
**security:**  
 - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/native-peer-id

**get:****Tags:**

- data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_native\_peer\_id\_get

**Parameters:**

- **Name:** pool-pool-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
 - **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
 - **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form

```

Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-prefix_ipv6-prefix-start-addr_native-peer-id"

 "204":
 Description: No Content
 Content: {}

 "400":
 Description: Bad Request
 Content: {}

 "401":
 Description: Unauthorized
 Content: {}

 "404":
 Description: Not Found
 Content: {}

 "405":
 Description: Method Not Allowed
 Content: {}

 "409":
 Description: Conflict
 Content: {}

 security:
 - basicAuth: []

 head:

 Tags:
 - data
 - head

 Operation ID:
 data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_native_peer_id_head

 Parameters:
 - Name: pool-pool-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string

```

```

 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all

```



```

enum:
- report-all
- trim
- explicit
- report-all-tagged

```

```

Responses:
"200":
 Description: OK
 Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/addr-alloc-thrs

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: []
```

```
head:
```

```
Tags:
```

```
- data
```

```
- head
```

```
Operation ID:
```

```
data_cisco_cn_ipam_ipam_pool_pool_pool_name_ipv6_prefix_ipv6_prefix_start_addr_addr_alloc_thrs_head
```

**Parameters:**

```
- Name: pool-pool-name
```

```
 In: path
```

```
 Required/Optional: true
```

```
 Style: simple
```

```
 Explode: false
```

```
 Schema:
```

```
 Type: string
```

```
 Format: string
```

```
- Name: ipv6-prefix-start-addr
```

```
 In: path
```

```
 Required/Optional: true
```

```
 Style: simple
```

```
 Explode: false
```

```
 Schema:
```

```
 Type: string
```

```
 Format: string
```

```
- Name: content
```

```
 In: query
```

```
 Description: controlling descendant nodes in response
```

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:****"200":****Description:** OK**Content:** {}**security:****- basicAuth:** []

## /data/cisco-cn-ipam:ipam/pool={pool-pool-name}/ipv6-prefix={ipv6-p refix-start-addr}/alloc-addr-list

**get:****Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_alloc\_addrs\_list\_get

**Parameters:**

- **Name:** pool-pool-name

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** ipv6-prefix-start-addr

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** content

**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** config**enum:**

- config
- nonconfig
- all

- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

#/components/schemas/data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_alloc-addr-list"

**"204":**

```

 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

```

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_pool\_pool\_pool\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_alloc\_addrs\_list\_head

**Parameters:**

- **Name:** pool-pool-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string

```

 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:****"200":****Description:** OK**Content:** {}



```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp

get:

**Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_get

**Parameters:**

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

- config
- nonconfig
- all

- **Name:** depth

**In:** query

**Description:** limit the depth of nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** integer

**Format:** uint16

- **Name:** fields

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

```

Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference: "#/components/schemas/data_cisco-cn-ipam_ipam_dp"
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_head

```

**Parameters:**

- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}

```
enum:
- report-all
- trim
- explicit
- report-all-tagged
```

**Responses:**

```
"200":
 Description: OK
 Content: {}
```

**security:**

```
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}

**get:**

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_get

**Parameters:**

```
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
```

```

 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference: "#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name"
"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}

```

```

 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_head

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response

```

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/dp-name

**get:**

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_dp_name_get

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple

```

```

 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```



**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**"200":**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_dp-name"

**"204":**  
**Description:** No Content  
**Content:** {}  
**"400":**  
**Description:** Bad Request  
**Content:** {}  
**"401":**  
**Description:** Unauthorized  
**Content:** {}  
**"404":**  
**Description:** Not Found  
**Content:** {}  
**"405":**  
**Description:** Method Not Allowed  
**Content:** {}  
**"409":**  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data  
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_dp\_name\_head

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:****"200":****Description:** OK**Content:** {}**security:**

- basicAuth: []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/gr-inst-id

**get:****Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_gr\_inst\_id\_get**Parameters:**

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer

```

 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_gr-inst-id"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":

```

```
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

 Tags:
 - data
 - head
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_gr_inst_id_head

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
```

```

 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-total

get:

```

Tags:
 - data
 - get
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_total_get

Parameters:
 - Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false

```

```
Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
```

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv4-total"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_total\_head

**Parameters:**

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content



**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-used

- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-used

**get:**

**Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_used\_get

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

- config
- nonconfig
- all

- **Name:** depth

**In:** query

**Description:** limit the depth of nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** integer

**Format:** uint16

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv4-used"

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found

```

 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_used_head

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form

```

```

 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-threshold

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_threshold_get

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:

```

```

 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

**Default:** report-all  
**enum:**  
- report-all  
- trim  
- explicit  
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv4-threshold"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data  
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_threshold\_head

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** config  
     **enum:**  
         - config  
         - nonconfig  
         - all

**- Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16

**- Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit



- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr-total

**get:**

**Tags:**

- data

- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_total\_get

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

      - config

      - nonconfig

      - all

- **Name:** depth

**In:** query

**Description:** limit the depth of nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** integer

**Format:** uint16

- **Name:** fields

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr-total"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

```

 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_addr_total_head

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

```

 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr-used

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_addr_used_get

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string

```

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** report-all
  - enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr-used"

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**

- basicAuth: []

**head:****Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_used\_head**Parameters:**

- **Name:** dp-dp-name

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** content

**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false

```
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged
```

**Responses:****"200":****Description:** OK**Content:** {}**security:****- basicAuth:** []**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr-threshold****get:****Tags:****- data****- get****Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_threshold\_get**Parameters:****- Name:** dp-dp-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** content**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string**Format:** enumeration**Default:** config**enum:**

- config
- nonconfig
- all

**- Name:** depth**In:** query**Description:** limit the depth of nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** integer**Format:** uint16**- Name:** fields**In:** query**Description:** optionally identify specific data nodes in response



**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit  
         - report-all-tagged

#### Responses:

**"200":**  
     **Description:** OK  
     **Content:**  
         application/yang-data+json:  
         **Schema:**  
         **Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr-threshold"

**"204":**  
     **Description:** No Content  
     **Content:** {}  
**"400":**  
     **Description:** Bad Request  
     **Content:** {}  
**"401":**  
     **Description:** Unauthorized  
     **Content:** {}  
**"404":**  
     **Description:** Not Found  
     **Content:** {}  
**"405":**  
     **Description:** Method Not Allowed

```

 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_addr_threshold_head

 Parameters:
 - Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string

```

```

 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-pfx-total

get:

```

Tags:
 - data
 - get
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_pfx_total_get

Parameters:
 - Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content

```

```

In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all

```

- trim
- explicit
- report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:****"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-pfx-total"****"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_pfx\_total\_head**Parameters:**

- **Name:** dp-dp-name

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** content

**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form

```

Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-pfx-used

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_pfx_used_get

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false

```

```

Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-pfx-used"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}

```



```
"409":
 Description: Conflict
 Content: {}
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_pfx_used_head

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
```

```

- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-pfx-threshold

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_pfx_threshold_get

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query

```

**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all  
    - trim  
    - explicit

- report-all-tagged

#### Responses:

"200":

Description: OK

Content:

application/yang-data+json:

Schema:

Reference:

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-pfx-threshold"

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

#### security:

- basicAuth: []

#### head:

#### Tags:

- data

- head

Operation ID: data\_cisco\_cn\_ipam\_ipam\_dp\_dp-dp-name\_ipv6\_pfx\_threshold\_head

#### Parameters:

- Name: dp-dp-name

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: string

- Name: content

In: query

Description: controlling descendant nodes in response

Required/Optional: false

Style: form

Explode: true

Schema:

```
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
```

```

 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-rsvd-addr

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_rsvd_addr_get

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true

```

```

 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-rsvd-addr"
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict

```

```

 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_rsvd_addr_head

 Parameters:
 - Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query

```



**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit  
         - report-all-tagged  
  
**Responses:**  
     "200":  
         **Description:** OK  
         **Content:** {}  
**security:**  
     - basicAuth: []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/iana-rsvd-addr

**get:**

**Tags:**  
     - data  
     - get  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_iana\_rsvd\_addr\_get  
  
**Parameters:**  
     - **Name:** dp-dp-name  
         **In:** path  
         **Required/Optional:** true  
         **Style:** simple  
         **Explode:** false  
         **Schema:**  
             **Type:** string  
             **Format:** string  
     - **Name:** content  
         **In:** query  
         **Description:** controlling descendant nodes in response  
         **Required/Optional:** false

```

Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_iana-rsvd-addr"

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:****- basicAuth:** []**head:****Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_iana\_rsvd\_addr\_head**Parameters:****- Name:** dp-dp-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** content**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string

```

 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/iapd-rsvd-addr

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_iapd\_rsvd\_addr\_get

**Parameters:**

```
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
```

```

 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_iapd-rsvd-addr"
"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_iapd_rsvd_addr_head

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
```

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/app-name-bng

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_app_name_bng_get

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form

```



```
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged
```

**Responses:**

```

 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_app-name-bng"
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_app_name_bng_head

 Parameters:
 - Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

```
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
"200":
 Description: OK
 Content: {}
```

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/srg-peer-id

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_srg\_peer\_id\_get

**Parameters:**

```
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
```

```

 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

 "#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_srg-peer-id"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```

 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_srg_peer_id_head

 Parameters:
 - Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response

```

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/l3-routed

**get:**

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_l3_routed_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_l3-routed"
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_l3_routed_head

 Parameters:
 - Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

```

 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/static

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_static\_get

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

```
- config
- nonconfig
- all
```

- **Name:** depth

**In:** query

**Description:** limit the depth of nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** integer

**Format:** uint16

- **Name:** fields

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

```

 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference: "#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_static"

"204":
 Description: No Content
 Content: {}

"400":
 Description: Bad Request
 Content: {}

"401":
 Description: Unauthorized
 Content: {}

"404":
 Description: Not Found
 Content: {}

"405":
 Description: Method Not Allowed
 Content: {}

"409":
 Description: Conflict
 Content: {}

```

```
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_static_head

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
```

```

 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/offline

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_offline_get

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form

```

**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** config  
  **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
  **In:** query  
  **Description:** limit the depth of nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
  **In:** query  
  **Description:** optionally identify specific data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
  **In:** query  
  **Description:** xpath expression to filter data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
  **In:** query  
  **Description:** controlling default values in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
      - report-all  
      - trim  
      - explicit  
      - report-all-tagged

**Responses:**

```

 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_offline"
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_offline_head

 Parameters:
 - Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```



```
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged
```

**Responses:**

```
"200":
 Description: OK
 Content: {}
```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr

```
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\_name\_ipv4\_addr\_get

**Parameters:**

```
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
```

```

 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-addr"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```

 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_addr_head

 Parameters:
 - Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response

```

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}

**get:**

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_get

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}

```

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":**

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data

- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_head

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-pool

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-index

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** integer

**Format:** uint32

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**



```

 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
```

```
/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/start-addr
```

```
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

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/start-addr

- trim
- explicit
- report-all-tagged

#### Responses:

"200":

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_start-addr"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

#### security:

- basicAuth: []

#### head:

#### Tags:

- data
- head

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_start-addr\_head

#### Parameters:

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true

```

Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/pool

```

 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/pool

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_pool_get

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false

```

```

Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query

```

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all

- trim

- explicit

- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_pool"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}



"405":  
**Description:** Method Not Allowed  
**Content:** {}

"409":  
**Description:** Conflict  
**Content:** {}

**security:**  
 - **basicAuth:** []

**head:**

**Tags:**

- data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_pool\_head

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-pool

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-index

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** integer

**Format:** uint32

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:****"200":****Description:** OK**Content:** {}**security:****- basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/index

**get:****Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_index\_get

**Parameters:**

- **Name:** dp-dp-name

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** ipv4-addr-start-addr

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** ipv4-addr-pool

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** ipv4-addr-index

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:**

```

 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_index"
```

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**- **basicAuth:** []**head:****Tags:**

- data
- head

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_index_head
```

**Parameters:**- **Name:** dp-dp-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** integer  
    **Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form

```

 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-star t-addr},{ipv4-addr-pool},{ipv4-addr-index}/end-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_end_addr_get

Parameters:
 - Name: dp-dp-name
 In: path

```

```

Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer

```



```

 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_dp-dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_end-addr"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}

```

```
/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/end-addr
```

```
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}
```

```
security:
- basicAuth: []
```

```
head:
```

```
Tags:
```

```
- data
- head
```

```
Operation ID:
```

```
data_cisco_cn_ipam_ipam_dp_dp_name_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_end_addr_head
```

```
Parameters:
```

```
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
```

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** report-all
  - enum:**

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/alloc-id

- report-all
- trim
- explicit
- report-all-tagged

#### Responses:

"200":

**Description:** OK

**Content:** {}

#### security:

- basicAuth: []

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/alloc-id

#### get:

##### Tags:

- data
- get

##### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_alloc\_id\_get

#### Parameters:

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-index  
**In:** path

```
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
```

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_alloc-id"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_alloc-id-head

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

```

 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/route

```

In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/route**

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_route\_get



**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false

```

Style: form
Explode: true
Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

 "#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_route"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request

```

```

 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_route\_head

**Parameters:**

```

- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple

```

```

 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/gateway-addr**

**get:****Tags:**

- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_gateway\_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\_gateway-addr"

**"204":**  
   **Description:** No Content  
   **Content:** {}  
**"400":**  
   **Description:** Bad Request  
   **Content:** {}  
**"401":**  
   **Description:** Unauthorized  
   **Content:** {}  
**"404":**  
   **Description:** Not Found  
   **Content:** {}  
**"405":**  
   **Description:** Method Not Allowed  
   **Content:** {}  
**"409":**  
   **Description:** Conflict  
   **Content:** {}

**security:**  
 - **basicAuth:** []

**head:**

**Tags:**  
 - data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_gateway-addr\_head

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true



```

Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-star t-addr},{ipv4-addr-pool},{ipv4-addr-index}/static**

**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\_static\_get

**Parameters:**

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth

**In:** query

**Description:** limit the depth of nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** integer

**Format:** uint16

- **Name:** fields

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

#### Responses:

"200":

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_static"

"204":

**Description:** No Content

```

 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_static\_head

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-index

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false

```

```

Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

```

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/offline

**get:**

```

Tags:
 - data
 - get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_offline\_get

**Parameters:**

```

- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true

```

```

Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

```

 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_offline"

 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_dp_dp-dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_offline_head

```



**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** integer  
     **Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** config  
     **enum:**  
         - config  
         - nonconfig  
         - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/native-inst-id

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_native\_inst\_id\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**  
 - config  
 - nonconfig  
 - all

**- Name:** depth**In:** query**Description:** limit the depth of nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** integer  
**Format:** uint16

**- Name:** fields**In:** query**Description:** optionally identify specific data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** string  
**Format:** string

**- Name:** filter**In:** query**Description:** xpath expression to filter data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** string  
**Format:** string

**- Name:** with-defaults**In:** query**Description:** controlling default values in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:****"200":**

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_native-inst-id"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data

- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_native-inst-id\_head

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false

```

 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/peer-inst-id

get:

```

Tags:
 - data
 - get
Operation ID:
data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_peer_inst_id_get

Parameters:
 - Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv4-addr-start-addr
 In: path

```

```

Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```



```

 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_peer-inst-id"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict

```

```

 Content: {}
 security:
 - basicAuth: []
 head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_dp_name_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_peer_inst_id_head
```

**Parameters:**

```

- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string

```

```

 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

```
/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/flag
```

```
security:
- basicAuth: []
```

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/flag**

**get:**

**Tags:**

```
- data
- get
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_flag_get
```

**Parameters:**

```
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
```

**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** config  
     **enum:**  
         - config  
         - nonconfig  
         - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit

- report-all-tagged

#### Responses:

"200":

Description: OK

Content:

application/yang-data+json:

Schema:

Reference:

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_flag"

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:

- basicAuth: []

head:

Tags:

- data

- head

Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_flag\_head

#### Parameters:

- Name: dp-dp-name

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: string

- Name: ipv4-addr-start-addr

In: path

Required/Optional: true

Style: simple

```
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/native-peer-id

```

- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/native-peer-id**

**get:**

**Tags:**

```

- data
- get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_native\_peer\_id\_get

**Parameters:**

```

- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:

```



```

 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response

```

**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit  
         - report-all-tagged

#### Responses:

**"200":**  
     **Description:** OK  
     **Content:**  
         application/yang-data+json:  
         **Schema:**  
         **Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_native-peer-id"

**"204":**  
     **Description:** No Content  
     **Content:** {}  
**"400":**  
     **Description:** Bad Request  
     **Content:** {}  
**"401":**  
     **Description:** Unauthorized  
     **Content:** {}  
**"404":**  
     **Description:** Not Found  
     **Content:** {}  
**"405":**

```

 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head

 Operation ID:
data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_native_peer_id_head

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false

```

```

Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:****"200":****Description:** OK**Content:** {}**security:****- basicAuth:** []**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/addr-alloc-thrs****get:****Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_addr\_alloc\_thrs\_get

**Parameters:****- Name:** dp-dp-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** ipv4-addr-start-addr**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** ipv4-addr-pool**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** ipv4-addr-index**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:**

```

 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_addr-alloc-thrs"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_addr-alloc-thrs\_head

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** integer  
     **Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** config  
     **enum:**  
         - config  
         - nonconfig  
         - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form



```

 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv4-addr={ipv4-addr-star t-addr},{ipv4-addr-pool},{ipv4-addr-index}/alloc-addr-list

get:

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_alloc_addr_list_get

Parameters:
- Name: dp-dp-name
 In: path

```

```

Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer

```

```

 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_dp-dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_alloc-addr-list"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}

```

```

 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_dp_dp_name_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_alloc_addr_list_head

```

#### Parameters:

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** report-all
  - enum:**

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr

**get:**

**Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_get

**Parameters:**

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer

```

 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":

```

```

 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_addr_head

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false

```



```

Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}**

**get:**

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_get

Parameters:
- Name: dp-dp-name

```

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

```

 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized

```

```

 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_head

```

#### Parameters:

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer

```

 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/start-addr

```
enum:
- report-all
- trim
- explicit
- report-all-tagged
```

#### Responses:

"200":

Description: OK

Content: {}

#### security:

- basicAuth: []

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/start-addr**

#### get:

##### Tags:

- data  
- get

##### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_start\_addr\_get

#### Parameters:

```
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
```

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/start-addr

**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**"200":**  
   **Description:** OK  
   **Content:**  
     **application/yang-data+json:**  
       **Schema:**  
         **Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_start-addr"

**"204":**  
   **Description:** No Content  
   **Content:** {}  
**"400":**  
   **Description:** Bad Request  
   **Content:** {}  
**"401":**  
   **Description:** Unauthorized  
   **Content:** {}  
**"404":**  
   **Description:** Not Found  
   **Content:** {}  
**"405":**  
   **Description:** Method Not Allowed  
   **Content:** {}  
**"409":**  
   **Description:** Conflict  
   **Content:** {}

**security:**  
 - **basicAuth:** []

**head:**

**Tags:**  
 - data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_start-addr\_head

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true



```

Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/pool

```

- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/pool

get:

Tags:

```

- data
- get

```

Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_pool\_get

**Parameters:**

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#!/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_pool"

```

```

"204":
 Description: No Content
 Content: {}
"400":

```

```

 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_pool\_head

**Parameters:**

```

- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true

```

```

Style: simple
Explode: false
Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true

```

**Schema:**

```

Type: string
Format: enumeration
Default: report-all
enum:
- report-all
- trim
- explicit
- report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content: {}
security:
- basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/index**

**get:****Tags:**

```

- data
- get

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_dp_name_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_index_get
```

**Parameters:**

```

- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false

```

```

Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string

```



- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
    - report-all  
    - trim  
    - explicit  
    - report-all-tagged

**Responses:**

"200":  
  **Description:** OK  
  **Content:**  
    application/yang-data+json:  
      **Schema:**  
      **Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_index"

"204":  
  **Description:** No Content  
  **Content:** {}  
"400":  
  **Description:** Bad Request  
  **Content:** {}  
"401":  
  **Description:** Unauthorized  
  **Content:** {}  
"404":  
  **Description:** Not Found  
  **Content:** {}  
"405":  
  **Description:** Method Not Allowed  
  **Content:** {}  
"409":  
  **Description:** Conflict  
  **Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index-index-head

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form

```

 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-star  
t-addr},{ipv6-addr-pool},{ipv6-addr-index}/end-addr**

get:

```
/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/end-addr
```

**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-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_end-addr"
```

```
/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/end-addr
```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}
security:
- basicAuth: []
head:

```

#### Tags:

```
- data
- head
```

#### Operation ID:

```
data_cisco_cn_ipam_ipam_dp_dp_name_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_end_addr_head
```

#### Parameters:

```

- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string

```

```

 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/alloc-id

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- basicAuth: []

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/alloc-id

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_alloc\_id\_get

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-addr-pool



```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form

```

```

Explode: true
Schema:
 Type: string
 Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#!/components/schemas/data_cisco-cn-ipam_ipam_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_alloc-id"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```

security:
- basicAuth: []

```

```

head:

```

```

Tags:
- data

```

- head

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_alloc\_id\_head

#### Parameters:

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth

```

In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/route

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_route\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**  
 - config  
 - nonconfig  
 - all

**- Name:** depth**In:** query**Description:** limit the depth of nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** integer  
**Format:** uint16

**- Name:** fields**In:** query**Description:** optionally identify specific data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** string  
**Format:** string

**- Name:** filter**In:** query**Description:** xpath expression to filter data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** string  
**Format:** string

**- Name:** with-defaults**In:** query**Description:** controlling default values in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:****"200":**

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_route"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data

- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_route\_head

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false



```

 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/gateway-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_gateway_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_gateway-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

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/gateway-addr

```

 Content: {}
 security:
 - basicAuth: []
 head:

```

#### Tags:

```

- data
- head

```

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_gateway\_addr\_head

#### Parameters:

```

- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string

```

```

 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

```
/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/static
```

```
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_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

```
/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/static
```

```
- report-all-tagged
```

#### Responses:

"200":

Description: OK

Content:

application/yang-data+json:

Schema:

Reference:

```
"#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_static"
```

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:

- basicAuth: []

head:

Tags:

- data

- head

Operation ID:

```
data_cisco_cn_ipam_ipam_dp_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index-static-head
```

#### Parameters:

- Name: dp-dp-name

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: string

- Name: ipv6-addr-start-addr

In: path

Required/Optional: true

Style: simple



```

Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/offline

```

- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/offline**

**get:**

**Tags:**

```

- data
- get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_offline\_get

**Parameters:**

```

- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:

```

```

 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response

```

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#!/components/schemas/data_cisco-cn-ipam_ipam_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_offline"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":

```

```

 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

```

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_offline\_head

**Parameters:**

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false

```

Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**  
 "200":  
   **Description:** OK  
   **Content:** {}  
**security:**  
 - **basicAuth:** []

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/native-inst-id**

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_native\_inst\_id\_get

**Parameters:**

- **Name:** dp-dp-name  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv6-addr-start-addr  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv6-addr-pool  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv6-addr-index  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**

```

 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```



**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_native-inst-id"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_native-inst-id-head

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** integer  
    **Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form

```

 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/peer-inst-id**

**get:**

```

 Tags:
 - data
 - get
 Operation ID:
data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_peer_inst_id_get

Parameters:
 - Name: dp-dp-name
 In: path

```

```

Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer

```

```

 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#{components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_peer-inst-id}"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}

```

```

 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_dp_dp_name_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_peer_inst_id_head

 Parameters:
 - Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32

```

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** report-all
  - enum:**

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/flag

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- basicAuth: []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/flag

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_flag\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-index  
**In:** path



```
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
```

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_flag"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_flag\_head

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

```

 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/native-peer-id

```

In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/native-peer-id**

get:

Tags:

- data
- get

Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_native\_peer\_id\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false

```

Style: form
Explode: true
Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#{components/schemas/data_cisco-cn-ipam_ipam_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_native-peer-id}"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request

```

```

 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_native\_peer\_id\_head

**Parameters:**

```

- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple

```

```

 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```



**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**  
**"200":**  
**Description:** OK  
**Content:** {}  
**security:**  
 - basicAuth: []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/addr-alloc-thrs

**get:**

**Tags:**  
 - data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_addr\_alloc\_thrs\_get

**Parameters:**  
 - **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
 - **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
 - **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

```

 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults

```

**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**"200":**  
**Description:** OK  
**Content:**  
   **application/yang-data+json:**  
     **Schema:**  
       **Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_addr-alloc-thrs"

**"204":**  
**Description:** No Content  
**Content:** {}  
**"400":**  
**Description:** Bad Request  
**Content:** {}  
**"401":**  
**Description:** Unauthorized  
**Content:** {}  
**"404":**  
**Description:** Not Found  
**Content:** {}  
**"405":**  
**Description:** Method Not Allowed  
**Content:** {}  
**"409":**  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_addr-alloc-thrs\_head

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

```

Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-addr={ipv6-addr-star  
t-addr},{ipv6-addr-pool},{ipv6-addr-index}/alloc-attrs-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\_addrs\_list\_get

#### Parameters:

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**
  - config
  - nonconfig
  - all
- **Name:** depth

```

In: query
Description: limit the depth of nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_dp-dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_alloc-addr-list"
```

**"204":****Description:** No Content

```

 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_alloc_addr_list_head

```

#### Parameters:

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index



```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false

```

**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**  
   "200":  
     **Description:** OK  
     **Content:** {}  
   **security:**  
     - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix

**get:**

**Tags:**  
   - data  
   - get  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_prefix\_get

**Parameters:**  
   - **Name:** dp-dp-name  
     **In:** path  
     **Required/Optional:** true  
     **Style:** simple  
     **Explode:** false  
     **Schema:**  
       **Type:** string  
       **Format:** string  
   - **Name:** content  
     **In:** query  
     **Description:** controlling descendant nodes in response  
     **Required/Optional:** false  
     **Style:** form  
     **Explode:** true  
     **Schema:**  
       **Type:** string  
       **Format:** enumeration  
       **Default:** config  
       **enum:**  
         - config  
         - nonconfig  
         - all  
   - **Name:** depth

**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all  
    - trim  
    - explicit  
    - report-all-tagged

**Responses:**

**"200":**  
    **Description:** OK  
    **Content:**  
        application/yang-data+json:  
            **Schema:**  
            **Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-prefix"

**"204":**  
    **Description:** No Content  
    **Content:** {}

```

 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_prefix_head

 Parameters:
 - Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true

```

```

Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}**

**get:**

```

Tags:
- data

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}

- get

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_get

#### Parameters:

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**
  - config
  - nonconfig
  - all
- **Name:** depth

**In:** query

**Description:** limit the depth of nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** integer

**Format:** uint16

- **Name:** fields

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

#### Responses:

"200":

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index"

"204":

**Description:** No Content

```

 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_head

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index



**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** integer  
    **Format:** uint32

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/start-addr

**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**  
 "200":  
   **Description:** OK  
   **Content:** {}  
**security:**  
 - **basicAuth:** []

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/start-addr**

**get:**

**Tags:**  
 - data  
 - get  
**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_start\_addr\_get

**Parameters:**  
 - **Name:** dp-dp-name  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string  
 - **Name:** ipv6-prefix-start-addr  
   **In:** path  
   **Required/Optional:** true  
   **Style:** simple  
   **Explode:** false  
   **Schema:**  
     **Type:** string  
     **Format:** string  
 - **Name:** ipv6-prefix-pool  
   **In:** path  
   **Required/Optional:** true

```

Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/start-addr

```

 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - 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: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_dp_dp-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_start-addr_head

```

**Parameters:**

- **Name:** dp-dp-name
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/pool

get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_pool\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

```

Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

"200":



**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_pool"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data

- head

**Operation ID:**

data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_pool\_head

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false

```

Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/index

**get:**

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_index_get

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path

```

```

Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

```

 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_index"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict

```

```

 Content: {}
 security:
 - basicAuth: []
 head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_dp_name_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_index_head
```

**Parameters:**

```

- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string

```

```

 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

```
/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/end-addr
```

```
security:
- basicAuth: []
```

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/end-addr**

**get:**

```
Tags:
- data
- get
```

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_dp_name_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_end_addr_get
```

**Parameters:**

```
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
```



**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** config  
     **enum:**  
         - config  
         - nonconfig  
         - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit

- report-all-tagged

#### Responses:

"200":

Description: OK

Content:

application/yang-data+json:

Schema:

Reference:

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_end-addr"

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:

- basicAuth: []

head:

Tags:

- data

- head

Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_end-addr\_head

#### Parameters:

- Name: dp-dp-name

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: string

- Name: ipv6-prefix-start-addr

In: path

Required/Optional: true

Style: simple

```

 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/alloc-id

```

- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/alloc-id**

get:

Tags:

```

- data
- get

```

Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_alloc\_id\_get

Parameters:

```

- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:

```

```

 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response

```

**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit  
         - report-all-tagged

#### Responses:

**"200":**  
     **Description:** OK  
     **Content:**  
         application/yang-data+json:  
             **Schema:**  
                 **Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_alloc-id"

**"204":**  
     **Description:** No Content  
     **Content:** {}  
**"400":**  
     **Description:** Bad Request  
     **Content:** {}  
**"401":**  
     **Description:** Unauthorized  
     **Content:** {}  
**"404":**  
     **Description:** Not Found  
     **Content:** {}  
**"405":**

```

 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head

 Operation ID:
data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_alloc_id_head

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false

```

```

Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```



**Responses:****"200":****Description:** OK**Content:** {}**security:****- basicAuth:** []**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/route****get:****Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_route\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

```

 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_route"
```

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**- **basicAuth:** []**head:****Tags:**

- data
- head

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_dp-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_route_head
```

**Parameters:**- **Name:** dp-dp-name**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** integer  
    **Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form

```

 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

```

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

?

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/gateway-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\_gateway\_addr\_get

**Parameters:**

```

- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string

```

```

 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false

```

```

Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data-cisco-cn-ipam:ipam:dp-dp-name-ipv6-prefix-ipv6-prefix-start-addr-ipv6-prefix-pool-ipv6-prefix-index-gateway-addr"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed

```

```

 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_dp_dp_name_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_gateway_addr_head

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form

```



```

Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/static

```
"200":
 Description: OK
 Content: {}
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/static

get:

Tags:

- data
- get

Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_static\_get

Parameters:

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer

```

 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all

```

```

enum:
- report-all
- trim
- explicit
- report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

 "#/components/schemas/data_cisco_cn_ipam_ipam_dp_dp_name_ipv6_prefix_ipv6_prefix-start-addr_ipv6_prefix-pool_ipv6_prefix-index_static"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```

security:
- basicAuth: []

```

**head:****Tags:**

```

- data
- head

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_dp_dp_dp_name_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_static_head

```

**Parameters:**

```

- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr

```

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true

```

```

Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/offline

get:

```

Tags:
- data
- get
Operation ID:

```

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_offline\_get

```

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true

```

```

Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16

```

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:**

**"200":**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_offline"

**"204":**  
**Description:** No Content  
**Content:** {}  
**"400":**  
**Description:** Bad Request  
**Content:** {}  
**"401":**  
**Description:** Unauthorized  
**Content:** {}  
**"404":**



```

 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_offline\_head

**Parameters:**

```

- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content

```

```

In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all

```

- trim
- explicit
- report-all-tagged

**Responses:****"200":****Description:** OK**Content:** {}**security:****- basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/native-inst-id**  
**: get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_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-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_native-inst-id"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```

security:
- basicAuth: []

```

**head:**

```

Tags:
- data
- head

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_dp-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_native-inst-id-head

```

**Parameters:**

```

- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr

```

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true

```

```

Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

```

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

?

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/peer-inst-id
: get:

```

```

Tags:
- data
- get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_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-name-ipv6-prefix-ipv6-prefix-start-addr-ipv6-prefix-pool-ipv6-prefix-index-peer-inst-id"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}

```

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data

- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_peer\_inst\_id\_head

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-pool

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-index

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** integer

**Format:** uint32

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

```

Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```
"200":
```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/flag

**Description:** OK  
**Content:** {}  
**security:**  
 - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/flag

**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\_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:**

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/flag

- report-all
- trim
- explicit
- report-all-tagged

#### Responses:

"200":

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_flag"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_flag\_head

#### Parameters:

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-start-addr

**In:** path

```

Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/flag

```

 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content: {}

```

```

security:
- basicAuth: []

```

?

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/native-peer-id  
: get:

#### Tags:

```

- data
- get

```

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_native\_peer\_id\_get

#### Parameters:

```

- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr

```



```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true

```

**Schema:**

**Type:** string  
**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string  
**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_native-peer-id"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict  
**Content:** {}  
**security:**  
 - **basicAuth:** []  
**head:**

**Tags:**  
 - data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_native\_peer\_id\_head

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** integer  
   **Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**

```

 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK

```

```

 Content: {}
 security:
 - basicAuth: []
?
/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/addr-alloc-thrs
: get:

```

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_addr\_alloc\_thrs\_get

**Parameters:**

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**  
 - config  
 - nonconfig  
 - all

**- Name:** depth**In:** query**Description:** limit the depth of nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** integer  
**Format:** uint16

**- Name:** fields**In:** query**Description:** optionally identify specific data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** string  
**Format:** string

**- Name:** filter**In:** query**Description:** xpath expression to filter data nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** string  
**Format:** string

**- Name:** with-defaults**In:** query**Description:** controlling default values in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:****"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_addr-alloc-thrs"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data

- head

**Operation ID:**

data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_addr-alloc-thrs\_head

**Parameters:**

- **Name:** dp-dp-name

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false



```

Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

```

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

?

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/alloc-addrs-list
: 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_addrs_list_get

```

```

Parameters:
- Name: dp-dp-name
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string

```

```

 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response

```

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_alloc-attrs-list"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```

security:
- basicAuth: []
head:

```

/data/cisco-cn-ipam:ipam/dp={dp-dp-name}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/flag

#### Tags:

- data
- head

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_dp\_name\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_alloc\_addrs\_list\_head

#### Parameters:

- **Name:** dp-dp-name  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig

```

 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

**security:**

```

- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag

get:

**Tags:**

- data
- get

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_get

**Parameters:**

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

- config
- nonconfig
- all

- **Name:** depth

**In:** query

**Description:** limit the depth of nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** integer

**Format:** uint16

- **Name:** fields

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  **Type:** string  
  **Format:** enumeration  
  **Default:** report-all  
  **enum:**  
    - report-all  
    - trim  
    - explicit  
    - report-all-tagged

**Responses:**

**"200":**  
  **Description:** OK  
  **Content:**  
    **application/yang-data+json:**  
      **Schema:**  
        **Reference:** "#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag"

**"204":**  
  **Description:** No Content  
  **Content:** {}

**"400":**  
  **Description:** Bad Request  
  **Content:** {}

**"401":**  
  **Description:** Unauthorized  
  **Content:** {}

**"404":**  
  **Description:** Not Found  
  **Content:** {}

**"405":**  
  **Description:** Method Not Allowed  
  **Content:** {}

**"409":**  
  **Description:** Conflict  
  **Content:** {}

**security:**  
- **basicAuth:** []

**head:**

**Tags:**

- data  
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_head

**Parameters:**

- **Name:** content  
  **In:** query  
  **Description:** controlling descendant nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```



**Responses:**  
**"200":**  
     **Description:** OK  
     **Content:** {}  
**security:**  
 - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}

**get:**

**Tags:**  
 - data  
 - get  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
     **In:** path  
     **Required/Optional:** true  
     **Style:** simple  
     **Explode:** false  
     **Schema:**  
         **Type:** string  
         **Format:** string
- **Name:** content  
     **In:** query  
     **Description:** controlling descendant nodes in response  
     **Required/Optional:** false  
     **Style:** form  
     **Explode:** true  
     **Schema:**  
         **Type:** string  
         **Format:** enumeration  
         **Default:** config  
         **enum:**  
             - config  
             - nonconfig  
             - all
- **Name:** depth  
     **In:** query  
     **Description:** limit the depth of nodes in response  
     **Required/Optional:** false  
     **Style:** form  
     **Explode:** true  
     **Schema:**  
         **Type:** integer  
         **Format:** uint16
- **Name:** fields  
     **In:** query  
     **Description:** optionally identify specific data nodes in response

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference: "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag"

"204":
 Description: No Content
 Content: {}

"400":
 Description: Bad Request
 Content: {}

"401":
 Description: Unauthorized
 Content: {}

"404":
 Description: Not Found
 Content: {}

"405":
 Description: Method Not Allowed

```

```
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_head

 Parameters:
 - Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
```

```

 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/dp-tag

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_dp_tag_get

Parameters:
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content

```

**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** report-all  
    **enum:**  
    - report-all

- trim
- explicit
- report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_dp-tag"

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_dp\_tag\_head**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** content

**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form

```
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged
```

**Responses:**

```

 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/gr-inst-id

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_gr_inst_id_get

Parameters:
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false

```



```

Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_gr-inst-id"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}

```

```

 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_gr_inst_id_head

 Parameters:
 - Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string

```

```

- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-total

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_total_get

Parameters:
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query

```

**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** config  
     **enum:**  
         - config  
         - nonconfig  
         - all

**- Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16

**- Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit

- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv4-total"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data

- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_total\_head

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

```

 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK

```

```

 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-used

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_used_get

Parameters:
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true

```

**Schema:**  
**Type:** string  
**Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
- report-all  
- trim  
- explicit  
- report-all-tagged

**Responses:**

**"200":**  
**Description:** OK  
**Content:**  
application/yang-data+json:  
**Schema:**  
**Reference:**  
"/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv4-used"

**"204":**  
**Description:** No Content  
**Content:** {}

**"400":**  
**Description:** Bad Request  
**Content:** {}

**"401":**  
**Description:** Unauthorized  
**Content:** {}

**"404":**  
**Description:** Not Found  
**Content:** {}

**"405":**  
**Description:** Method Not Allowed  
**Content:** {}

**"409":**  
**Description:** Conflict



```
 Content: {}
 security:
 - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_used_head

Parameters:
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
```

**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**  
 "200":  
   **Description:** OK  
   **Content:** {}  
**security:**  
- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-threshold

**get:**

**Tags:**  
- data  
- get  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_threshold\_get

**Parameters:**  
- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string  
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false

```
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged
```

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv4-threshold"

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:****- basicAuth:** []**head:****Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_threshold\_head**Parameters:****- Name:** dp-tag-dp-tag**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** content**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string

```
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
"200":
 Description: OK
 Content: {}
```

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr-total

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_total\_get

**Parameters:**

```
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
```

```

 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-addr-total"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```

 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_addr_total_head

 Parameters:
 - Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response

```



```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr-used

**get:**

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_addr_used_get

Parameters:
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form

```

```

Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-addr-used"
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_addr_used_head

 Parameters:
 - Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

```

 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

```

security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr-threshol d

get:

**Tags:**

```

- data
- get

```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_threshold\_get

**Parameters:**

```

- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

```

 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-addr-threshold"
"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_addr_threshold_head

 Parameters:
 - Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
```

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-pfx-total

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_pfx_total_get

Parameters:
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form

```



```
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged
```

**Responses:**

```

 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-pfx-total"
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_pfx_total_head

 Parameters:
 - Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

```
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged
```

**Responses:**

```
"200":
 Description: OK
 Content: {}
```

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-pfx-used

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_pfx\_used\_get

**Parameters:**

```
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
```

```

 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

 "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-pfx-used"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```

 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_pfx_used_head

 Parameters:
 - Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response

```

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-pfx-threshold

**get:**

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_pfx_threshold_get

Parameters:
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form

```

```

Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:



```

 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-pfx-threshold"
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_pfx_threshold_head

 Parameters:
 - Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

```

 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-rsvd-addr

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_rsvd\_addr\_get

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** config

**enum:**

```
- config
- nonconfig
- all
```

- **Name:** depth

**In:** query

**Description:** limit the depth of nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** integer

**Format:** uint16

- **Name:** fields

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

```

 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv4-rsvd-addr"
"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```
 security:
 - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_rsvd_addr_head

Parameters:
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
```

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
security:
- basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/iana-rsvd-addr

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_iana_rsvd_addr_get

Parameters:
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form

```

```
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged
```

**Responses:**

```

 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_iana-rsvd-addr"
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_iana_rsvd_addr_head

 Parameters:
 - Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```



```
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged
```

**Responses:**

```
"200":
 Description: OK
 Content: {}
```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/iapd-rsvd-addr

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/iapd-rsvd-addr

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_iapd\_rsvd\_addr\_get

**Parameters:**

```
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
```

```

 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

 "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_iapd-rsvd-addr"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```

 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_iapd_rsvd_addr_head

 Parameters:
 - Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response

```

```

 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/app-name-bng

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_app_name_bng_get

Parameters:
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form

```

```

Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_app-name-bng"
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_app_name_bng_head

 Parameters:
 - Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

```

 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:****"200":****Description:** OK**Content:** {}



```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/srg-peer-id

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_srg\_peer\_id\_get

**Parameters:**

```
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
```

```

 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_srg-peer-id"
"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```
security:
- basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_srg_peer_id_head

Parameters:
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
```

```

 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/l3-routed

get:

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_l3_routed_get

Parameters:
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form

```

```
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged
```

**Responses:**

```

 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_l3-routed"
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_l3_routed_head

 Parameters:
 - Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

```
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged
```

**Responses:**

```
"200":
 Description: OK
 Content: {}
```

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/static

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_static\_get

**Parameters:**

```
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
```



```

 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

 "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_static"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```

 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_static_head

 Parameters:
 - Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response

```

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
security:
 - basicAuth: []

```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/offline

**get:**

```

Tags:
- data
- get
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_offline_get

Parameters:
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form

```

```

Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_offline"
 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_offline_head

 Parameters:
 - Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

```

 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

```
security:
- basicAuth: []
```

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr

get:

**Tags:**

```
- data
- get
```

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_get

**Parameters:**

```
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
```

```

 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv4-addr"
"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```



```
 security:
 - basicAuth: []
head:

Tags:
- data
- head
Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_addr_head

Parameters:
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-ad dr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
security:
- basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-ad  
dr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}**

**get:**

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_get

Parameters:
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr

```

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true

```

**Schema:**

**Type:** string  
**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string  
**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string  
**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:**

application/yang-data+json:

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data

- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_head

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-pool

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-index

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** integer

**Format:** uint32

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

```

 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK

```

```

 Content: {}
 security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/start-addr**

**get:**

```

Tags:
- data
- get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_start\_addr\_get

**Parameters:**

```

- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content

```

```

In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all

```



- trim
- explicit
- report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag-dp-tag-dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_start-addr"
```

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_start_addr_head
```

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** ipv4-addr-start-addr

**In:** path**Required/Optional:** true

```

Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string

```

```

 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-ad  
dr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/pool**

**get:**

```

Tags:
- data
- get
Operation ID:
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_pool_get

```

```

Parameters:
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false

```

```

Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query

```

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

#### Responses:

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_pool"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

```

 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_pool_head

 Parameters:
 - Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
 - Name: content
 In: query
 Description: controlling descendant nodes in response

```

```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-ad dr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/index

#### Responses:

"200":

Description: OK

Content: {}

#### security:

- basicAuth: []

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-ad  
dr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/index**

#### get:

##### Tags:

- data  
- get

##### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_index\_get

#### Parameters:

- **Name:** dp-tag-dp-tag  
In: path  
Required/Optional: true  
Style: simple  
Explode: false  
Schema:  
Type: string  
Format: string
- **Name:** ipv4-addr-start-addr  
In: path  
Required/Optional: true  
Style: simple  
Explode: false  
Schema:  
Type: string  
Format: string
- **Name:** ipv4-addr-pool  
In: path  
Required/Optional: true  
Style: simple  
Explode: false  
Schema:  
Type: string  
Format: string
- **Name:** ipv4-addr-index  
In: path  
Required/Optional: true  
Style: simple  
Explode: false  
Schema:



```

 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_index"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_index\_head

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-ad dr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/end-addr

```

 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-ad  
dr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/end-addr**

get:

Tags:

- data
- get

Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_end\_addr\_get

Parameters:

- Name: dp-tag-dp-tag
  - In: path

```

Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer

```

```

 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

 "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag-dp-tag-dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_end-addr"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}

```

```

 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_end\_addr\_head

**Parameters:**

```

- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32

```

- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**



- report-all
- trim
- explicit
- report-all-tagged

**Responses:****"200":****Description:** OK**Content:** {}**security:**

- basicAuth: []

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/alloc-id

**get:****Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_alloc\_id\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-index  
**In:** path

```

Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form

```

**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**"200":**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
**Schema:**  
**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_alloc-id"

**"204":**  
**Description:** No Content  
**Content:** {}  
**"400":**  
**Description:** Bad Request  
**Content:** {}  
**"401":**  
**Description:** Unauthorized  
**Content:** {}  
**"404":**  
**Description:** Not Found  
**Content:** {}  
**"405":**  
**Description:** Method Not Allowed  
**Content:** {}  
**"409":**  
**Description:** Conflict  
**Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag-dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_alloc-id\_head

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple

```

 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields

```

```

 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-ad  
dr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/route**

**get:**

```

 Tags:
 - data
 - get
 Operation ID:
 data_cisco_cn_ipam_ipam_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_route_get

```

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** integer  
     **Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** config  
     **enum:**  
         - config  
         - nonconfig  
         - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false

```

 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#{components/schemas/data_cisco-cn-ipam_ipam_dp-tag-dp-tag-dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_route}"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request

```

```

 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

Tags:
- data
- head
Operation ID:
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_route_head

```

#### Parameters:

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple



```

 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/route

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

#### Responses:

**"200":**  
**Description:** OK  
**Content:** {}

**security:**  
 - **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/gateway-addr  
 : get:

**Tags:**  
 - data  
 - get

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_gateway\_addr\_get

#### Parameters:

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true

```

Style: simple
Explode: false
Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true

```

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**"200":**  
**Description:** OK  
**Content:**  
 application/yang-data+json:  
 Schema:  
 Reference:

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_gateway-addr"

**"204":**  
**Description:** No Content  
**Content:** {}  
**"400":**  
**Description:** Bad Request  
**Content:** {}  
**"401":**  
**Description:** Unauthorized  
**Content:** {}  
**"404":**  
**Description:** Not Found  
**Content:** {}  
**"405":**  
**Description:** Method Not Allowed  
**Content:** {}  
**"409":**  
**Description:** Conflict  
**Content:** {}

**security:**  
 - **basicAuth:** []

**head:****Tags:**

- data  
 - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_gateway\_addr\_head

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false

```

Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query

```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-ad dr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/static

**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit  
         - report-all-tagged

**Responses:**  
**"200":**  
     **Description:** OK  
     **Content:** {}  
**security:**  
 - **basicAuth:** []

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-ad  
dr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/static

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_static\_get

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv4-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form

```

 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

 "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag-dp-tag-dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_static"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}

```



```

 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_static\_head

**Parameters:**

```

- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false

```

```

Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string

```

**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:****"200":****Description:** OK**Content:** {}**security:**- **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/offline

**get:****Tags:**

- data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_offline\_get

**Parameters:**- **Name:** dp-tag-dp-tag**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string- **Name:** ipv4-addr-start-addr**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string- **Name:** ipv4-addr-pool**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string

```

 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query

```

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_offline"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_offline\_head

**Parameters:**

- **Name:** dp-tag-dp-tag

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

```

 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

**security:**

```

- basicAuth: []

```

?

```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/native-inst-id
: get:

```

**Tags:**

```

- data
- get

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_native_inst_id_get

```

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true



**Schema:**

**Type:** integer  
**Format:** uint16

**- Name:** fields

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string  
**Format:** string

**- Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string  
**Format:** string

**- Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag-dp-tag-dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_native-inst-id"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

```

 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_native_inst_id_head

```

#### Parameters:

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string

```

 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/peer-inst-id**

**: get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_peer\_inst\_id\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false

```

Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string

```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/offline

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag-dp-tag-dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_peer-inst-id"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_peer\_inst\_id\_head

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

```

 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false

```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-ad dr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/flag

```

Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-ad  
dr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/flag**

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_flag\_get

**Parameters:**

- **Name:** dp-tag-dp-tag



```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

```

 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"##/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_flag"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized

```

```

 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_flag\_head

**Parameters:**

```

- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer

```

```

 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all

```

```

enum:
- report-all
- trim
- explicit
- report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

**security:**

```

- basicAuth: []

```

?

```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/native-peer-id
: get:

```

**Tags:**

```

- data
- get

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_native_peer_id_get

```

**Parameters:**

```

- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:

```

```

 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```

**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_native-peer-id"
```

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:**- **basicAuth:** []**head:****Tags:**

- data
- head

**Operation ID:**

```
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_native_peer_id_head
```

**Parameters:**- **Name:** dp-tag-dp-tag**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** integer  
    **Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form



```

 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

```

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

?

```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/addr-alloc-thrs
: get:

```

#### Tags:

```

- data
- get

```

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv4\_addr\_ipv4\_addr\_start\_addr\_ipv4\_addr\_pool\_ipv4\_addr\_index\_addr\_alloc\_thrs\_get

#### Parameters:

```

- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string

```

```

 Format: string
- Name: ipv4-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false

```

```

Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag-dp-tag-dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_addr-alloc-thrs"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed

```

```
/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/flag
```

```

 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_addr_alloc_thrs_head

```

#### Parameters:

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form

```

Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```
/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/flag
```

```

 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []
 ?
/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/alloc-addr-list
: get:

```

#### Tags:

- data
- get

#### Operation ID:

```
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_ipv4_addr_ipv4_addr_start_addr_ipv4_addr_pool_ipv4_addr_index_alloc_addrs_list_get
```

#### Parameters:

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** ipv4-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** ipv4-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** ipv4-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** integer  
  **Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false

```
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged
```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv4-addr={ipv4-addr-start-addr},{ipv4-addr-pool},{ipv4-addr-index}/flag

#### Responses:

"200":

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_alloc-addrs-list"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data

- head

**Operation ID:**

data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_alloc-addrs-list\_head

#### Parameters:

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv4-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**



```

 Type: string
 Format: string
- Name: ipv4-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv4-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query

```

**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**  
**"200":**  
   **Description:** OK  
   **Content:** {}  
**security:**  
**- basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr

**get:**

**Tags:**  
 - data  
 - get  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_get

**Parameters:**  
**- Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false

```
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged
```

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv6-addr"

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:****- basicAuth:** []**head:****Tags:**

- data
- head

**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_head**Parameters:****- Name:** dp-tag-dp-tag**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** content**In:** query**Description:** controlling descendant nodes in response**Required/Optional:** false**Style:** form**Explode:** true**Schema:****Type:** string

```
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
"200":
 Description: OK
 Content: {}
```

```
/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}
```

```
security:
- basicAuth: []
```

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad  
dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}**

get:

```
Tags:
- data
- get
```

Operation ID:

```
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_get
```

Parameters:

```
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
```

**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** config  
     **enum:**  
         - config  
         - nonconfig  
         - all

- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** integer  
     **Format:** uint16

- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}

- report-all-tagged

#### Responses:

"200":

Description: OK

Content:

application/yang-data+json:

Schema:

Reference:

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index"

"204":

Description: No Content

Content: {}

"400":

Description: Bad Request

Content: {}

"401":

Description: Unauthorized

Content: {}

"404":

Description: Not Found

Content: {}

"405":

Description: Method Not Allowed

Content: {}

"409":

Description: Conflict

Content: {}

security:

- basicAuth: []

head:

Tags:

- data

- head

Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_head

#### Parameters:

- Name: dp-tag-dp-tag

In: path

Required/Optional: true

Style: simple

Explode: false

Schema:

Type: string

Format: string

- Name: ipv6-addr-start-addr

In: path

Required/Optional: true

Style: simple



```

 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string

```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/start-addr

```

- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad  
dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/start-addr**

get:

Tags:

```

- data
- get

```

Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_start\_addr\_get

Parameters:

```

- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:

```

```

 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response

```

**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit  
         - report-all-tagged

#### Responses:

**"200":**  
     **Description:** OK  
     **Content:**  
         application/yang-data+json:  
         **Schema:**  
         **Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_start-addr"

**"204":**  
     **Description:** No Content  
     **Content:** {}  
**"400":**  
     **Description:** Bad Request  
     **Content:** {}  
**"401":**  
     **Description:** Unauthorized  
     **Content:** {}  
**"404":**  
     **Description:** Not Found  
     **Content:** {}  
**"405":**

```

 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_start_addr_head

Parameters:
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false

```

```

Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:****"200":****Description:** OK**Content:** {}**security:****- basicAuth:** []

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad  
dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/pool**

**get:****Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_pool\_get

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** ipv6-addr-start-addr

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** ipv6-addr-pool

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string

- **Name:** ipv6-addr-index

**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:**

```

 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration

```



**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_pool"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_pool\_head

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form

```

 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad  
dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/index**

**get:**

```

 Tags:
 - data
 - get
 Operation ID:
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_index_get

Parameters:
 - Name: dp-tag-dp-tag
 In: path

```

```

Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer

```

```

 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_index"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}

```

```

 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_dp_tag_dp_tag_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_index_head

```

#### Parameters:

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** report-all
  - enum:**

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/end-addr

- report-all
- trim
- explicit
- report-all-tagged

#### Responses:

"200":

  Description: OK

  Content: {}

#### security:

- basicAuth: []

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad  
dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/end-addr**

#### get:

##### Tags:

- data
- get

##### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_end\_addr\_get

#### Parameters:

- **Name:** dp-tag-dp-tag  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv6-addr-start-addr  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv6-addr-pool  
  **In:** path  
  **Required/Optional:** true  
  **Style:** simple  
  **Explode:** false  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv6-addr-index  
  **In:** path



```

 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form

```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/end-addr

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_end-addr"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_end\_addr\_head

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

```

 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields

```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/alloc-id

**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
         - report-all  
         - trim  
         - explicit  
         - report-all-tagged

**Responses:**  
**"200":**  
     **Description:** OK  
     **Content:** {}  
**security:**  
 - **basicAuth:** []

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad  
dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/alloc-id

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_alloc\_id\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false

```

Style: form
Explode: true
Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#!/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_alloc-id"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request

```

```

 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_alloc\_id\_head

**Parameters:**

```

- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple

```

```

 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```



**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**"200":**  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/route**

**get:**

**Tags:**

- data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_route\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
 - **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
 - **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

```

 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults

```

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_route"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag-dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_route\_head

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-addr-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true

**Schema:**

**Type:** integer  
**Format:** uint16

**- Name:** fields

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string  
**Format:** string

**- Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string  
**Format:** string

**- Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/gateway-addr**  
**: get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_gateway\_addr\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** integer  
     **Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** config  
     **enum:**  
         - config  
         - nonconfig  
         - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form

```

Explode: true
Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data-cisco-cn-ipam:ipam_dp-tag_dp-tag-dp-tag_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_gateway-addr"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}

```

```

 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_gateway_addr_head

```

#### Parameters:

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false



**Schema:**  
  **Type:** integer  
  **Format:** uint32

- **Name:** content  
  **In:** query  
  **Description:** controlling descendant nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
      - config  
      - nonconfig  
      - all
- **Name:** depth  
  **In:** query  
  **Description:** limit the depth of nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** integer  
    **Format:** uint16
- **Name:** fields  
  **In:** query  
  **Description:** optionally identify specific data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** filter  
  **In:** query  
  **Description:** xpath expression to filter data nodes in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** with-defaults  
  **In:** query  
  **Description:** controlling default values in response  
  **Required/Optional:** false  
  **Style:** form  
  **Explode:** true  
  **Schema:**  
    **Type:** string

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/static

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- basicAuth: []

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad  
dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/static**

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_static\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string

```

 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query

```

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_static"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- basicAuth: []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_static\_head

**Parameters:**

- **Name:** dp-tag-dp-tag

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/offline

```

 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad  
dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/offline**

get:

```

Tags:
- data
- get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_offline\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query

**Description:** limit the depth of nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** integer

**Format:** uint16

- **Name:** fields

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_offline"

"204":

**Description:** No Content

**Content:** {}



```

 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_offline_head

```

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-addr-index  
**In:** path

```

Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form

```

**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**  
**"200":**  
**Description:** OK  
**Content:** {}  
**security:**  
 - **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/native-inst-id  
**: get:**

**Tags:**  
 - data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_native\_inst\_id\_get

**Parameters:**  
 - **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
 - **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
 - **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
 - **Name:** ipv6-addr-index

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false

```

**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**"200":**  
   **Description:** OK  
   **Content:**  
     application/yang-data+json:  
       **Schema:**  
         **Reference:**

"#/components/schemas/data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_native\_inst\_id"

**"204":**  
   **Description:** No Content  
   **Content:** {}  
**"400":**  
   **Description:** Bad Request  
   **Content:** {}  
**"401":**  
   **Description:** Unauthorized  
   **Content:** {}  
**"404":**  
   **Description:** Not Found  
   **Content:** {}  
**"405":**  
   **Description:** Method Not Allowed  
   **Content:** {}  
**"409":**  
   **Description:** Conflict  
   **Content:** {}

**security:**  
   - **basicAuth:** []

**head:**

**Tags:**  
   - data  
   - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_native\_inst\_id\_head

**Parameters:**

  - **Name:** dp-tag-dp-tag  
     **In:** path  
     **Required/Optional:** true

```

Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16

```

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:****"200":****Description:** OK**Content:** {}**security:**

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/peer-inst-id  
: get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_peer\_inst\_id\_get

**Parameters:**

- **Name:** dp-tag-dp-tag
- In:** path

```

Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer

```



```

 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_peer-inst-id"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}

```

```

 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_dp_tag_dp_tag_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_peer_inst_id_head

Parameters:
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32

```

- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** integer
  - Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** report-all
  - enum:**

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/flag

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- basicAuth: []

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad  
dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/flag**

**get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_flag\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-addr-index  
**In:** path

```

Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form

```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-ad dr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/flag

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_flag"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_flag\_head

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

```

 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields

```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/flag

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/native-peer-id  
: get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_native\_peer\_id\_get

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true



```

 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16

```

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag-dp-tag-dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_native-peer-id"

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":**

```

 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_native\_peer\_id\_head

**Parameters:**

```

- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content

```

```

In: query
Description: controlling descendant nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all

```

- trim
- explicit
- report-all-tagged

**Responses:****"200":****Description:** OK**Content:** {}**security:****- basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/addr-alloc-thrs  
: get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_addr\_alloc\_thrs\_get

**Parameters:****- Name:** dp-tag-dp-tag**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** ipv6-addr-start-addr**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** ipv6-addr-pool**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** ipv6-addr-index**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** integer

```

 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all

```

```

enum:
- report-all
- trim
- explicit
- report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_addr-alloc-thrs"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

**security:**

```

- basicAuth: []

```

**head:****Tags:**

```

- data
- head

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_addr_ipv6_addr_start_addr_ipv6_addr_pool_ipv6_addr_index_addr_alloc_thrs_head

```

**Parameters:**

```

- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-start-addr

```

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-addr-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-addr-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true

```



**Schema:**  
**Type:** string  
**Format:** string  
- **Name:** filter  
**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** string  
- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
- report-all  
- trim  
- explicit  
- report-all-tagged

**Responses:**  
**"200":**  
**Description:** OK  
**Content:** {}  
**security:**  
- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-addr={ipv6-addr-start-addr},{ipv6-addr-pool},{ipv6-addr-index}/alloc-addr-list  
: get:

**Tags:**  
- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_alloc\_addr\_list\_get

**Parameters:**  
- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string

- **Name:** ipv6-addr-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv6-addr-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv6-addr-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** integer  
    **Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form

```

 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#{components/schemas/data_cisco-cn-ipam_ipam_dp-tag-dp-tag_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_alloc-addr-list}"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}

```

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data

- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_addr\_ipv6\_addr\_start\_addr\_ipv6\_addr\_pool\_ipv6\_addr\_index\_alloc\_addrs\_list\_head

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-addr-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-addr-pool

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-addr-index

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** integer

**Format:** uint32

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

```

Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":

```

**Description:** OK  
**Content:** {}  
**security:**  
 - **basicAuth:** []

## /data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix

**get:**

**Tags:**  
 - data  
 - get  
**Operation ID:** data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**
  - config
  - nonconfig
  - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** integer  
**Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form

```

 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

 "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-prefix"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":

```

```

 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID: data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_head

 Parameters:
 - Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter

```



**In:** query  
**Description:** xpath expression to filter data nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** report-all  
     **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**  
**"200":**  
     **Description:** OK  
     **Content:** {}  
**security:**  
 - basicAuth: []

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}**

**get:**

**Tags:**  
 - data  
 - get  
**Operation ID:**  
 data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_get

**Parameters:**  
**- Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string

```

 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false

```

```

Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed

```

```

 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_head

```

#### Parameters:

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form

```

Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```
/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}
```

```

 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []
 ?
/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/start-addr
: get:

```

#### Tags:

- data
- get

#### Operation ID:

```
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_start_addr_get
```

#### Parameters:

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** string  
  **Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  **Type:** integer  
  **Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false

```
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged
```

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_start-addr"

**"204":****Description:** No Content**Content:** {}**"400":****Description:** Bad Request**Content:** {}**"401":****Description:** Unauthorized**Content:** {}**"404":****Description:** Not Found**Content:** {}**"405":****Description:** Method Not Allowed**Content:** {}**"409":****Description:** Conflict**Content:** {}**security:****- basicAuth:** []**head:****Tags:****- data****- head****Operation ID:**

data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_start-addr\_head

**Parameters:****- Name:** dp-tag-dp-tag**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:****Type:** string**Format:** string**- Name:** ipv6-prefix-start-addr**In:** path**Required/Optional:** true**Style:** simple**Explode:** false**Schema:**



```

 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query

```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/pool

: get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_pool\_get

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

```

Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter

```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag-dp-tag-dp-tag\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_pool"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:****Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_pool\_head

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**

```

 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:****"200":****Description:** OK**Content:** {}**security:****- basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/index  
: get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_index\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** config

```

 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:**



**Reference:**

```
"#/components/schemas/data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_index"
```

```
"204":
```

```
 Description: No Content
```

```
 Content: {}
```

```
"400":
```

```
 Description: Bad Request
```

```
 Content: {}
```

```
"401":
```

```
 Description: Unauthorized
```

```
 Content: {}
```

```
"404":
```

```
 Description: Not Found
```

```
 Content: {}
```

```
"405":
```

```
 Description: Method Not Allowed
```

```
 Content: {}
```

```
"409":
```

```
 Description: Conflict
```

```
 Content: {}
```

```
security:
```

```
 - basicAuth: []
```

```
head:
```

```
Tags:
```

```
- data
```

```
- head
```

```
Operation ID:
```

```
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_index_head
```

**Parameters:**

```
- Name: dp-tag-dp-tag
```

```
 In: path
```

```
 Required/Optional: true
```

```
 Style: simple
```

```
 Explode: false
```

```
 Schema:
```

```
 Type: string
```

```
 Format: string
```

```
- Name: ipv6-prefix-start-addr
```

```
 In: path
```

```
 Required/Optional: true
```

```
 Style: simple
```

```
 Explode: false
```

```
 Schema:
```

```
 Type: string
```

```
 Format: string
```

```
- Name: ipv6-prefix-pool
```

```
 In: path
```

```
 Required/Optional: true
```

```
 Style: simple
```

```

 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string

```

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/end-addr

**: get:**

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_end\_addr\_get

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-pool

**In:** path

**Required/Optional:** true

```

 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:

```

```

 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag-dp-tag-dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_end-addr"

 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_end_addr_head

```

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** string  
     **Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
     **Type:** integer  
     **Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
     **Type:** string  
     **Format:** enumeration  
     **Default:** config  
     **enum:**  
         - config  
         - nonconfig  
         - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response

```

 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

```

Responses:
 "200":
 Description: OK
 Content: {}
 security:
 - basicAuth: []

```

?

```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/alloc-id
: get:

```

```

Tags:
- data
- get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_alloc\_id\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query



**Description:** limit the depth of nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** integer

**Format:** uint16

- **Name:** fields

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all

- trim

- explicit

- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag-dp-tag-dp-tag\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_alloc-id"

**"204":**

**Description:** No Content

**Content:** {}

```

 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_alloc_id_head

```

#### Parameters:

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path

**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** integer  
    **Format:** uint32

- **Name:** content  
    **In:** query  
    **Description:** controlling descendant nodes in response  
    **Required/Optional:** false  
    **Style:** form  
    **Explode:** true  
    **Schema:**  
        **Type:** string  
        **Format:** enumeration  
        **Default:** config  
        **enum:**  
            - config  
            - nonconfig  
            - all

- **Name:** depth  
    **In:** query  
    **Description:** limit the depth of nodes in response  
    **Required/Optional:** false  
    **Style:** form  
    **Explode:** true  
    **Schema:**  
        **Type:** integer  
        **Format:** uint16

- **Name:** fields  
    **In:** query  
    **Description:** optionally identify specific data nodes in response  
    **Required/Optional:** false  
    **Style:** form  
    **Explode:** true  
    **Schema:**  
        **Type:** string  
        **Format:** string

- **Name:** filter  
    **In:** query  
    **Description:** xpath expression to filter data nodes in response  
    **Required/Optional:** false  
    **Style:** form  
    **Explode:** true  
    **Schema:**  
        **Type:** string  
        **Format:** string

- **Name:** with-defaults  
    **In:** query  
    **Description:** controlling default values in response  
    **Required/Optional:** false  
    **Style:** form

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}

**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**"200":**  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/route  
**: get:**

**Tags:**

- data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_route\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-index

```
In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
```

**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

**Responses:**

**"200":**  
   **Description:** OK  
   **Content:**  
     **application/yang-data+json:**  
       **Schema:**  
         **Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_route"

**"204":**  
   **Description:** No Content  
   **Content:** {}  
**"400":**  
   **Description:** Bad Request  
   **Content:** {}  
**"401":**  
   **Description:** Unauthorized  
   **Content:** {}  
**"404":**  
   **Description:** Not Found  
   **Content:** {}  
**"405":**  
   **Description:** Method Not Allowed  
   **Content:** {}  
**"409":**  
   **Description:** Conflict  
   **Content:** {}

**security:**  
   - **basicAuth:** []

**head:**

**Tags:**  
   - data  
   - head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_route\_head

**Parameters:**

- **Name:** dp-tag-dp-tag  
   **In:** path  
   **Required/Optional:** true

```
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}

- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

#### Responses:

"200":

**Description:** OK

**Content:** {}

#### security:

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/gateway-addr  
: get:

#### Tags:

- data
- get

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_gateway\_addr\_get

#### Parameters:

- **Name:** dp-tag-dp-tag
- In:** path



```
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
```

```

 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

 "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag-dp-tag-dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_gateway-addr"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}

```

```

"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}
security:
- basicAuth: []
head:

```

**Tags:**

```

- data
- head

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_gateway\_addr\_head

**Parameters:**

```

- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32

```

- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** config
    - enum:**
      - config
      - nonconfig
      - all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:****"200":****Description:** OK**Content:** {}**security:**

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/static

**: get:****Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_static\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer

```

 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all

```

```

enum:
- report-all
- trim
- explicit
- report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"#{components/schemas/data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_static}"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```

security:
- basicAuth: []

```

**head:**

```

Tags:
- data
- head

```

**Operation ID:**

```

data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_static_head

```

**Parameters:**

```

- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr

```

```

In: path
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true

```



**Schema:**

**Type:** string  
**Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string  
**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:** {}

**security:**

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/offline

: get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_offline\_get

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string  
**Format:** string

- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** string  
    **Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
    **Type:** integer  
    **Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** string  
    **Format:** enumeration  
    **Default:** config  
    **enum:**  
    - config  
    - nonconfig  
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
    **Type:** integer  
    **Format:** uint16
- **Name:** fields  
**In:** query  
**Description:** optionally identify specific data nodes in response  
**Required/Optional:** false  
**Style:** form

```

 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

 "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag-dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_offline"

```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}

```

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data

- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_offline\_head

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-start-addr

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-pool

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** string

**Format:** string

- **Name:** ipv6-prefix-index

**In:** path

**Required/Optional:** true

**Style:** simple

**Explode:** false

**Schema:**

**Type:** integer

**Format:** uint32

- **Name:** content

**In:** query

**Description:** controlling descendant nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

- Type:** string
- Format:** enumeration
- Default:** config
- enum:**
  - config
  - nonconfig
  - all

- **Name:** depth

**In:** query

**Description:** limit the depth of nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

- Type:** integer
- Format:** uint16

- **Name:** fields

**In:** query

**Description:** optionally identify specific data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

- Type:** string
- Format:** string

- **Name:** filter

**In:** query

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

- Type:** string
- Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

- Type:** string
- Format:** enumeration
- Default:** report-all
- enum:**
  - report-all
  - trim
  - explicit
  - report-all-tagged

**Responses:**

"200":

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}

```

 Description: OK
 Content: {}
 security:
 - basicAuth: []
 ?
/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/native-inst-id
: get:

```

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_native\_inst\_id\_get

**Parameters:**

- **Name:** dp-tag-dp-tag
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-start-addr
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-pool
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** ipv6-prefix-index
  - In:** path
  - Required/Optional:** true
  - Style:** simple
  - Explode:** false
  - Schema:**
    - Type:** integer
    - Format:** uint32
- **Name:** content
  - In:** query
  - Description:** controlling descendant nodes in response
  - Required/Optional:** false
  - Style:** form

```

Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_native_inst_id"

"204":
 Description: No Content
 Content: {}

"400":
 Description: Bad Request
 Content: {}

"401":
 Description: Unauthorized
 Content: {}

"404":
 Description: Not Found
 Content: {}

"405":
 Description: Method Not Allowed
 Content: {}

"409":
 Description: Conflict
 Content: {}

security:
- basicAuth: []

head:

 Tags:
 - data
 - head

 Operation ID:
 data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_native_inst_id_head

Parameters:
- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string

```



```

 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response

```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}

**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
   **Type:** string  
   **Format:** enumeration  
   **Default:** report-all  
   **enum:**  
     - report-all  
     - trim  
     - explicit  
     - report-all-tagged

#### Responses:

**"200":**  
   **Description:** OK  
   **Content:** {}

**security:**  
**- basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/peer-inst-id  
**: get:**

#### Tags:

- data  
 - get

#### Operation ID:

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_peer\_inst\_id\_get

#### Parameters:

**- Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
   **Type:** string  
   **Format:** string  
**- Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**

```
 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
```

```
/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6- prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}
```

**Description:** xpath expression to filter data nodes in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** string

- **Name:** with-defaults

**In:** query

**Description:** controlling default values in response

**Required/Optional:** false

**Style:** form

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

"200":

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag-dp-tag-dp-tag\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_peer-inst-id"

"204":

**Description:** No Content

**Content:** {}

"400":

**Description:** Bad Request

**Content:** {}

"401":

**Description:** Unauthorized

**Content:** {}

"404":

**Description:** Not Found

**Content:** {}

"405":

**Description:** Method Not Allowed

**Content:** {}

"409":

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_peer\_inst\_id\_head

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** integer  
**Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** config  
**enum:**  
- config

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6- prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}

- nonconfig
- all
- **Name:** depth
  - In:** query
  - Description:** limit the depth of nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** integer
    - Format:** uint16
- **Name:** fields
  - In:** query
  - Description:** optionally identify specific data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** filter
  - In:** query
  - Description:** xpath expression to filter data nodes in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** string
- **Name:** with-defaults
  - In:** query
  - Description:** controlling default values in response
  - Required/Optional:** false
  - Style:** form
  - Explode:** true
  - Schema:**
    - Type:** string
    - Format:** enumeration
    - Default:** report-all
    - enum:**
      - report-all
      - trim
      - explicit
      - report-all-tagged

#### Responses:

"200":  
**Description:** OK  
**Content:** {}

#### security:

- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/flag

: get:

**Tags:**

- data
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_flag\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**

```

 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:****"200":****Description:** OK**Content:****application/yang-data+json:****Schema:****Reference:**



```
"#/components/schemas/data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_flag"
```

```

"204":
 Description: No Content
 Content: {}
"400":
 Description: Bad Request
 Content: {}
"401":
 Description: Unauthorized
 Content: {}
"404":
 Description: Not Found
 Content: {}
"405":
 Description: Method Not Allowed
 Content: {}
"409":
 Description: Conflict
 Content: {}

```

```
security:
```

```
- basicAuth: []
```

```
head:
```

```
Tags:
```

```
- data
- head
```

```
Operation ID:
```

```
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_flag_head
```

```
Parameters:
```

```

- Name: dp-tag-dp-tag
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false

```

```

Schema:
 Type: string
 Format: string
- Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string

```

- **Name:** with-defaults  
**In:** query  
**Description:** controlling default values in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
- report-all  
- trim  
- explicit  
- report-all-tagged

**Responses:**  
**"200":**  
**Description:** OK  
**Content:** {}  
**security:**  
- **basicAuth:** []

?

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/native-peer-id  
: get:

**Tags:**  
- data  
- get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_native\_peer\_id\_get

**Parameters:**  
- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string  
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple

```

 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string

```

```

 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_dp-tag-dp-tag-dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_native-peer-id"

 "204":
 Description: No Content
 Content: {}
 "400":
 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
 data_cisco_cn_ipam_ipam_dp_tag_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_native_peer_id_head

```

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response  
**Required/Optional:** false

```

 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
 - Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

**Responses:**

```

"200":
 Description: OK
 Content: {}

```

**security:**

```

- basicAuth: []

```

?

```

/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/addr-alloc-thrs
: get:

```

**Tags:**

```

- data
- get

```

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_addr\_alloc\_thrs\_get

#### Parameters:

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
  - Type:** integer
  - Format:** uint32
- **Name:** content  
**In:** query  
**Description:** controlling descendant nodes in response  
**Required/Optional:** false  
**Style:** form  
**Explode:** true  
**Schema:**  
  - Type:** string
  - Format:** enumeration
  - Default:** config
  - enum:**
    - config
    - nonconfig
    - all
- **Name:** depth  
**In:** query  
**Description:** limit the depth of nodes in response



```

Required/Optional: false
Style: form
Explode: true
Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

```

#### Responses:

```

"200":
 Description: OK
 Content:
 application/yang-data+json:
 Schema:
 Reference:

```

```

"/components/schemas/data-cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/addr-alloc-thrs"

```

```

"204":
 Description: No Content
 Content: {}
"400":

```

```

 Description: Bad Request
 Content: {}
 "401":
 Description: Unauthorized
 Content: {}
 "404":
 Description: Not Found
 Content: {}
 "405":
 Description: Method Not Allowed
 Content: {}
 "409":
 Description: Conflict
 Content: {}
 security:
 - basicAuth: []
 head:

 Tags:
 - data
 - head
 Operation ID:
data_cisco_cn_ipam_ipam_dp_tag_dp_tag_ipv6_prefix_ipv6_prefix_start_addr_ipv6_prefix_pool_ipv6_prefix_index_addr_alloc_thrs_head

```

#### Parameters:

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**
  - Type:** string
  - Format:** string
- **Name:** ipv6-prefix-index  
**In:** path  
**Required/Optional:** true

```
Style: simple
Explode: false
Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
 Explode: true
```

**Schema:**

**Type:** string  
**Format:** enumeration  
**Default:** report-all  
**enum:**  
 - report-all  
 - trim  
 - explicit  
 - report-all-tagged

**Responses:**

**"200":**  
**Description:** OK  
**Content:** {}

**security:**

- **basicAuth:** []

?

**/data/cisco-cn-ipam:ipam/dp-tag={dp-tag-dp-tag}/ipv6-prefix={ipv6-prefix-start-addr},{ipv6-prefix-pool},{ipv6-prefix-index}/alloc-addr-list**  
**: get:**

**Tags:**

- data  
 - get

**Operation ID:**

data\_cisco\_cn\_ipam\_ipam\_dp\_tag\_dp\_tag\_ipv6\_prefix\_ipv6\_prefix\_start\_addr\_ipv6\_prefix\_pool\_ipv6\_prefix\_index\_alloc\_addr\_list\_get

**Parameters:**

- **Name:** dp-tag-dp-tag  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-start-addr  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-pool  
**In:** path  
**Required/Optional:** true  
**Style:** simple  
**Explode:** false  
**Schema:**  
**Type:** string  
**Format:** string
- **Name:** ipv6-prefix-index  
**In:** path

```
Required/Optional: true
Style: simple
Explode: false
Schema:
 Type: integer
 Format: uint32
- Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
- Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
- Name: fields
 In: query
 Description: optionally identify specific data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: filter
 In: query
 Description: xpath expression to filter data nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: string
- Name: with-defaults
 In: query
 Description: controlling default values in response
 Required/Optional: false
 Style: form
```

**Explode:** true

**Schema:**

**Type:** string

**Format:** enumeration

**Default:** report-all

**enum:**

- report-all
- trim
- explicit
- report-all-tagged

**Responses:**

**"200":**

**Description:** OK

**Content:**

**application/yang-data+json:**

**Schema:**

**Reference:**

"/components/schemas/data\_cisco-cn-ipam\_ipam\_dp-tag-dp-tag-dp-tag\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_alloc-addrs-list"

**"204":**

**Description:** No Content

**Content:** {}

**"400":**

**Description:** Bad Request

**Content:** {}

**"401":**

**Description:** Unauthorized

**Content:** {}

**"404":**

**Description:** Not Found

**Content:** {}

**"405":**

**Description:** Method Not Allowed

**Content:** {}

**"409":**

**Description:** Conflict

**Content:** {}

**security:**

- **basicAuth:** []

**head:**

**Tags:**

- data
- head

**Operation ID:**

data\_cisco-cn-ipam\_ipam\_dp-tag-dp-tag-dp-tag\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_alloc-addrs-list-head

**Parameters:**

- **Name:** dp-tag-dp-tag

**In:** path

**Required/Optional:** true

**Style:** simple

```
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv6-prefix-start-addr
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv6-prefix-pool
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: string
 Format: string
 - Name: ipv6-prefix-index
 In: path
 Required/Optional: true
 Style: simple
 Explode: false
 Schema:
 Type: integer
 Format: uint32
 - Name: content
 In: query
 Description: controlling descendant nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: string
 Format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 - Name: depth
 In: query
 Description: limit the depth of nodes in response
 Required/Optional: false
 Style: form
 Explode: true
 Schema:
 Type: integer
 Format: uint16
 - Name: fields
```

```

In: query
Description: optionally identify specific data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: filter
In: query
Description: xpath expression to filter data nodes in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: string
- Name: with-defaults
In: query
Description: controlling default values in response
Required/Optional: false
Style: form
Explode: true
Schema:
 Type: string
 Format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged

Responses:
 "200":
 Description: OK
 Content: {}
security:
 - basicAuth: []

```

## Components

```

schemas:
 data:
 Type: object
 Properties:
 ietf-restconf:data:
 Type: object
 Properties: {}

```



**Description:** This resource represents the combined configuration and state data resources that can be accessed by a client and cannot be created or deleted by the client. See RESTCONF RFC 8040 for further information.

**x-yang:**

**Type:** datastore

**data-post:**

**Type:** object

**Properties:**

**cisco-cn-ipam:ipam:**

**Reference:** "#/components/schemas/datapost\_ciscocnipamipam"

**data-put-patch:**

**Type:** object

**Properties:**

**ietf-restconf:data:**

**Reference:** "#/components/schemas/dataputpatch\_ietfrestconfdata"

**data\_cisco-cn-ipam\_ipam:**

**Type:** object

**Properties:**

**cisco-cn-ipam:ipam:**

**Reference:** "#/components/schemas/datapost\_ciscocnipamipam"

**data\_cisco-cn-ipam\_ipam-post:**

**Type:** object

**Properties:**

**cisco-cn-ipam:instance:**

**Type:** array

**Description:** (list)

**Items:**

**Reference:** "#/components/schemas/datapost\_ciscocnipamipam\_instance"

**x-yang:**

**Type:** list

**cisco-cn-ipam:pool:**

**Type:** array

**Description:** (list)

**Items:**

**Reference:** "#/components/schemas/datapost\_ciscocnipamipam\_pool"

**x-yang:**

**Type:** list

**cisco-cn-ipam:dp:**

**Type:** array

**Description:** (list)

**Items:**

**Reference:** "#/components/schemas/datapost\_ciscocnipamipam\_dp"

**x-yang:**

**Type:** list

**cisco-cn-ipam:dp-tag:**

**Type:** array

**Description:** (list)

**Items:**

**Reference:** "#/components/schemas/datapost\_ciscocnipamipam\_dpntag"

**x-yang:**

**Type:** list

**data\_cisco-cn-ipam\_ipam\_dp:**

```

Type: object
Properties:
 cisco-cn-ipam:dp:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_dp"
 x-yang:
 Type: list
data_cisco-cn-ipam_ipam_dp-tag:
Type: object
Properties:
 cisco-cn-ipam:dp-tag:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_dptag"
 x-yang:
 Type: list
data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag:
Type: object
Properties:
 cisco-cn-ipam:dp-tag:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_dptag"
 x-yang:
 Type: list
data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_app-name-bng:
Type: object
Properties:
 cisco-cn-ipam:app-name-bng:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_dp-tag:
Type: object
Properties:
 cisco-cn-ipam:dp-tag:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_gr-inst-id:
Type: object
Properties:
 cisco-cn-ipam:gr-inst-id:
 Type: string

```

```

 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_iana-rsvd-addr:
 Type: object
 Properties:
 cisco-cn-ipam:iana-rsvd-addr:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_iapd-rsvd-addr:
 Type: object
 Properties:
 cisco-cn-ipam:iapd-rsvd-addr:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv4-addr:
 Type: object
 Properties:
 cisco-cn-ipam:ipv4-addr:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index:
 Type: object
 Properties:
 cisco-cn-ipam:ipv4-addr:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_addr-alloc-thrs:
 Type: object
 Properties:
 cisco-cn-ipam:addr-alloc-thrs:
 Type: string
 Description: (leaf)

```

```

 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_alloc-addr-list:**

```

Type: object
Properties:
 cisco-cn-ipam:alloc-addr-list:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_alloc-id:**

```

Type: object
Properties:
 cisco-cn-ipam:alloc-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_end-addr:**

```

Type: object
Properties:
 cisco-cn-ipam:end-addr:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_flag:**

```

Type: object
Properties:
 cisco-cn-ipam:flag:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_gateway-addr:**

```

Type: object
Properties:
 cisco-cn-ipam:gateway-addr:

```

**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_index**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:index:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_native-inst-id**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:native-inst-id:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_native-peer-id**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:native-peer-id:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_offline**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:offline:**  
**Type:** boolean  
**Description:** (leaf)  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_peer-inst-id**

**Type:** object  
**Properties:**

**cisco-cn-ipam:peer-inst-id:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_pool:**

**Type:** object

**Properties:**

**cisco-cn-ipam:pool:**

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_route:**

**Type:** object

**Properties:**

**cisco-cn-ipam:route:**

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_start-addr:**

**Type:** object

**Properties:**

**cisco-cn-ipam:start-addr:**

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_static:**

**Type:** object

**Properties:**

**cisco-cn-ipam:static:**

**Type:** boolean

**Description:** (leaf)

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv4-rsvd-addr:**

**Type:** object

**Properties:**

**cisco-cn-ipam:ipv4-rsvd-addr:**

```

 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv4-threshold:
 Type: object
 Properties:
 cisco-cn-ipam:ipv4-threshold:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv4-total:
 Type: object
 Properties:
 cisco-cn-ipam:ipv4-total:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv4-used:
 Type: object
 Properties:
 cisco-cn-ipam:ipv4-used:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-addr:
 Type: object
 Properties:
 cisco-cn-ipam:ipv6-addr:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list
data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_ipv6-addr-threshold:
 Type: object
 Properties:
 cisco-cn-ipam:ipv6-addr-threshold:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv6-addr-total:**

**Type:** object

**Properties:**

**cisco-cn-ipam:**ipv6-addr-total:

**Type:** integer

**Description:** (leaf)

**format:** uint64

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv6-addr-used:**

**Type:** object

**Properties:**

**cisco-cn-ipam:**ipv6-addr-used:

**Type:** integer

**Description:** (leaf)

**format:** uint64

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index:**

**Type:** object

**Properties:**

**cisco-cn-ipam:**ipv6-addr:

**Type:** array

**Description:** (list)

**Items:**

**Reference:** ["/components/schemas/datapost\\_ciscocnipamipam\\_ipv4addr"](#)

**x-yang:**

**Type:** list

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_addr-alloc-thrs:**

**Type:** object

**Properties:**

**cisco-cn-ipam:**addr-alloc-thrs:

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag-dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_alloc-addr-list:**

**Type:** object

**Properties:**

**cisco-cn-ipam:**alloc-addr-list:

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf



`data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_alloc-id`

**Type:** object  
**Properties:**  
     **cisco-cn-ipam:alloc-id:**  
         **Type:** string  
         **Description:** (leaf)  
         **format:** string  
         **x-yang:**  
             **Type:** leaf

`data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_end-addr`

**Type:** object  
**Properties:**  
     **cisco-cn-ipam:end-addr:**  
         **Type:** string  
         **Description:** (leaf)  
         **format:** string  
         **x-yang:**  
             **Type:** leaf

`data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_flag`

**Type:** object  
**Properties:**  
     **cisco-cn-ipam:flag:**  
         **Type:** string  
         **Description:** (leaf)  
         **format:** string  
         **x-yang:**  
             **Type:** leaf

`data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_gateway-addr`

**Type:** object  
**Properties:**  
     **cisco-cn-ipam:gateway-addr:**  
         **Type:** string  
         **Description:** (leaf)  
         **format:** string  
         **x-yang:**  
             **Type:** leaf

`data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_index`

**Type:** object  
**Properties:**  
     **cisco-cn-ipam:index:**  
         **Type:** integer  
         **Description:** (leaf)  
         **format:** uint32  
         **x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_native-inst-id**

**Type:** object

**Properties:**

**cisco-cn-ipam:native-inst-id:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_native-peer-id**

**Type:** object

**Properties:**

**cisco-cn-ipam:native-peer-id:**

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_offline:**

**Type:** object

**Properties:**

**cisco-cn-ipam:offline:**

**Type:** boolean

**Description:** (leaf)

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_peer-inst-id**

**Type:** object

**Properties:**

**cisco-cn-ipam:peer-inst-id:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_pool:**

**Type:** object

**Properties:**

**cisco-cn-ipam:pool:**

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_route:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:route:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_start-addr:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:start-addr:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_static:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:static:**  
**Type:** boolean  
**Description:** (leaf)  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-pfx-threshold:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:ipv6-pfx-threshold:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-pfx-total:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:ipv6-pfx-total:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint64  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-pfx-used:**

```

 Type: object
 Properties:
 cisco-cn-ipam:ipv6-pfx-used:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
 data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix:
 Type: object
 Properties:
 cisco-cn-ipam:ipv6-prefix:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list

data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index
: type: object
Properties:
 cisco-cn-ipam:ipv6-prefix:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list
?
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_addr-alloc-thrs
: type: object
Properties:
 cisco-cn-ipam:addr-alloc-thrs:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
?
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_alloc-addr-list
: type: object
Properties:
 cisco-cn-ipam:alloc-addr-list:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

`data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_alloc-id`

**Type:** object  
**Properties:**  
     **cisco-cn-ipam:alloc-id:**  
         **Type:** string  
         **Description:** (leaf)  
         **format:** string  
         **x-yang:**  
             **Type:** leaf

`data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_end-addr`

**Type:** object  
**Properties:**  
     **cisco-cn-ipam:end-addr:**  
         **Type:** string  
         **Description:** (leaf)  
         **format:** string  
         **x-yang:**  
             **Type:** leaf

`data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_flag`

**Type:** object  
**Properties:**  
     **cisco-cn-ipam:flag:**  
         **Type:** string  
         **Description:** (leaf)  
         **format:** string  
         **x-yang:**  
             **Type:** leaf

`data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_gateway-addr`

**Type:** object  
**Properties:**  
     **cisco-cn-ipam:gateway-addr:**  
         **Type:** string  
         **Description:** (leaf)  
         **format:** string  
         **x-yang:**  
             **Type:** leaf

`data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_index`

**Type:** object  
**Properties:**  
     **cisco-cn-ipam:index:**  
         **Type:** integer  
         **Description:** (leaf)  
         **format:** uint32  
         **x-yang:**

```

 Type: leaf
 ?
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_native-inst-id

: type: object
Properties:
 cisco-cn-ipam:native-inst-id:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_native-peer-id

: type: object
Properties:
 cisco-cn-ipam:native-peer-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_offline

Type: object
Properties:
 cisco-cn-ipam:offline:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf

data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_peer-inst-id

Type: object
Properties:
 cisco-cn-ipam:peer-inst-id:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf

data_cisco-cn-ipam_ipam_dp-tag_dp-tag_dp-tag_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_pool:

Type: object
Properties:
 cisco-cn-ipam:pool:
 Type: string
 Description: (leaf)
 format: string
 x-yang:

```

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_route**

**Type:** object

**Properties:**

**cisco-cn-ipam:route:**

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_start-addr**

**Type:** object

**Properties:**

**cisco-cn-ipam:start-addr:**

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_static**

**Type:** object

**Properties:**

**cisco-cn-ipam:static:**

**Type:** boolean

**Description:** (leaf)

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_l3-routed:**

**Type:** object

**Properties:**

**cisco-cn-ipam:l3-routed:**

**Type:** boolean

**Description:** (leaf)

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_offline:**

**Type:** object

**Properties:**

**cisco-cn-ipam:offline:**

**Type:** boolean

**Description:** (leaf)

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp-tag\_dp-tag\_dp-tag\_srg-peer-id:**

**Type:** object

**Properties:**

**cisco-cn-ipam:srg-peer-id:**

```

 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp-tag_dp-tag-dp-tag_static:
 Type: object
 Properties:
 cisco-cn-ipam:static:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name:
 Type: object
 Properties:
 cisco-cn-ipam:dp:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_dp"
 x-yang:
 Type: list
data_cisco-cn-ipam_ipam_dp_dp-dp-name_app-name-bng:
 Type: object
 Properties:
 cisco-cn-ipam:app-name-bng:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_dp-name:
 Type: object
 Properties:
 cisco-cn-ipam:dp-name:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_gr-inst-id:
 Type: object
 Properties:
 cisco-cn-ipam:gr-inst-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_iana-rsvd-addr:
 Type: object

```



```

Properties:
 cisco-cn-ipam:iana-rsvd-addr:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_iapd-rsvd-addr:
 Type: object
 Properties:
 cisco-cn-ipam:iapd-rsvd-addr:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-addr:
 Type: object
 Properties:
 cisco-cn-ipam:ipv4-addr:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list

data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index:

 Type: object
 Properties:
 cisco-cn-ipam:ipv4-addr:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list

data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_addr-alloc-thrs:

 Type: object
 Properties:
 cisco-cn-ipam:addr-alloc-thrs:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-addr_ipv4-addr-start-addr_ipv4-addr-pool_ipv4-addr-index_alloc-addrs-list:

 Type: object

```

**Properties:****cisco-cn-ipam:alloc-addr-list:****Type:** string**Description:** (leaf)**format:** string**x-yang:****Type:** leaf**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_alloc-id:****Type:** object**Properties:****cisco-cn-ipam:alloc-id:****Type:** string**Description:** (leaf)**format:** string**x-yang:****Type:** leaf**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_end-addr:****Type:** object**Properties:****cisco-cn-ipam:end-addr:****Type:** string**Description:** (leaf)**format:** string**x-yang:****Type:** leaf**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_flag:****Type:** object**Properties:****cisco-cn-ipam:flag:****Type:** string**Description:** (leaf)**format:** string**x-yang:****Type:** leaf**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_gateway-addr:****Type:** object**Properties:****cisco-cn-ipam:gateway-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\_index:**

**Type:** object  
**Properties:**  
  **cisco-cn-ipam:index:**  
    **Type:** integer  
    **Description:** (leaf)  
    **format:** uint32  
    **x-yang:**  
      **Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_native-inst-id**

**Type:** object  
**Properties:**  
  **cisco-cn-ipam:native-inst-id:**  
    **Type:** integer  
    **Description:** (leaf)  
    **format:** uint32  
    **x-yang:**  
      **Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_native-peer-id**

**Type:** object  
**Properties:**  
  **cisco-cn-ipam:native-peer-id:**  
    **Type:** string  
    **Description:** (leaf)  
    **format:** string  
    **x-yang:**  
      **Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_offline:**

**Type:** object  
**Properties:**  
  **cisco-cn-ipam:offline:**  
    **Type:** boolean  
    **Description:** (leaf)  
    **x-yang:**  
      **Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_peer-inst-id**

**Type:** object  
**Properties:**  
  **cisco-cn-ipam:peer-inst-id:**  
    **Type:** integer  
    **Description:** (leaf)  
    **format:** uint32  
    **x-yang:**  
      **Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-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-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-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_start-addr:**

**Type:** object

**Properties:**

**cisco-cn-ipam:start-addr:**

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv4-addr\_ipv4-addr-start-addr\_ipv4-addr-pool\_ipv4-addr-index\_static:**

**Type:** object

**Properties:**

**cisco-cn-ipam:static:**

**Type:** boolean

**Description:** (leaf)

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv4-rsvd-addr:**

**Type:** object

**Properties:**

**cisco-cn-ipam:ipv4-rsvd-addr:**

**Type:** integer

**Description:** (leaf)

**format:** uint64

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv4-threshold:**

**Type:** object

```

Properties:
 cisco-cn-ipam:ipv4-threshold:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-total:
Type: object
Properties:
 cisco-cn-ipam:ipv4-total:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv4-used:
Type: object
Properties:
 cisco-cn-ipam:ipv4-used:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr:
Type: object
Properties:
 cisco-cn-ipam:ipv6-addr:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr-threshold:
Type: object
Properties:
 cisco-cn-ipam:ipv6-addr-threshold:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_ipv6-addr-total:
Type: object
Properties:
 cisco-cn-ipam:ipv6-addr-total:
 Type: integer
 Description: (leaf)
 format: uint64

```

```

 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-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-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index:

 Type: object
 Properties:
 cisco-cn-ipam:ipv6-addr:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list

data_cisco-cn-ipam_ipam_dp_dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_addr-alloc-thrs:

 Type: object
 Properties:
 cisco-cn-ipam:addr-alloc-thrs:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

data_cisco-cn-ipam_ipam_dp_dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_alloc-addr-list:

 Type: object
 Properties:
 cisco-cn-ipam:alloc-addr-list:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

data_cisco-cn-ipam_ipam_dp_dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_alloc-id:

 Type: object
 Properties:
 cisco-cn-ipam:alloc-id:
 Type: string
 Description: (leaf)

```

```

 format: string
 x-yang:
 Type: leaf

```

`data_cisco-cn-ipam_ipam_dp_dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_end-addr:`

```

Type: object
Properties:
 cisco-cn-ipam:end-addr:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

`data_cisco-cn-ipam_ipam_dp_dp_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_dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_gateway-addr:`

```

Type: object
Properties:
 cisco-cn-ipam:gateway-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_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_dp-name_ipv6-addr_ipv6-addr-start-addr_ipv6-addr-pool_ipv6-addr-index_native-inst-id:`

```

Type: object
Properties:
 cisco-cn-ipam:native-inst-id:

```

**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_native-peer-id:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:native-peer-id:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp\_dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_offline:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:offline:**  
**Type:** boolean  
**Description:** (leaf)  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp\_dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_peer-inst-id:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:peer-inst-id:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp\_dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_pool:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:pool:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp\_dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_route:**

**Type:** object  
**Properties:**



**cisco-cn-ipam:route:**

**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_start-addr:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:start-addr:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-addr\_ipv6-addr-start-addr\_ipv6-addr-pool\_ipv6-addr-index\_static:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:static:**  
**Type:** boolean  
**Description:** (leaf)  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-pfx-threshold:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:ipv6-pfx-threshold:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-pfx-total:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:ipv6-pfx-total:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint64  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-dp-name\_ipv6-pfx-used:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:ipv6-pfx-used:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint64

```

 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-name_ipv6-prefix:
 Type: object
 Properties:
 cisco-cn-ipam:ipv6-prefix:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list

data_cisco-cn-ipam_ipam_dp_dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index:

 Type: object
 Properties:
 cisco-cn-ipam:ipv6-prefix:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list

data_cisco-cn-ipam_ipam_dp_dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_addr-alloc-thrs:

 Type: object
 Properties:
 cisco-cn-ipam:addr-alloc-thrs:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

data_cisco-cn-ipam_ipam_dp_dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_alloc-addr-list:

 Type: object
 Properties:
 cisco-cn-ipam:alloc-addr-list:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

data_cisco-cn-ipam_ipam_dp_dp-name_ipv6-prefix_ipv6-prefix-start-addr_ipv6-prefix-pool_ipv6-prefix-index_alloc-id:

 Type: object
 Properties:
 cisco-cn-ipam:alloc-id:
 Type: string

```

**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_end-addr:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:end-addr:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp\_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\_gateway-addr:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:gateway-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\_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\_dp-name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_native-inst-id:**

**Type:** object  
**Properties:**

**cisco-cn-ipam:native-inst-id:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp\_name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_native-peer-id:**

**Type:** object

**Properties:**

**cisco-cn-ipam:native-peer-id:**

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp\_dp\_name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_offline:**

**Type:** object

**Properties:**

**cisco-cn-ipam:offline:**

**Type:** boolean

**Description:** (leaf)

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp\_dp\_name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_peer-inst-id:**

**Type:** object

**Properties:**

**cisco-cn-ipam:peer-inst-id:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp\_dp\_name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_pool:**

**Type:** object

**Properties:**

**cisco-cn-ipam:pool:**

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_dp\_dp\_dp\_name\_ipv6-prefix\_ipv6-prefix-start-addr\_ipv6-prefix-pool\_ipv6-prefix-index\_route:**

**Type:** object

```

Properties:
 cisco-cn-ipam:route:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

```
data_cisco-cn-ipam_ipam_dp_dp-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_static:
```

```

Type: object
Properties:
 cisco-cn-ipam:static:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf

```

```
data_cisco-cn-ipam_ipam_dp_dp-name_l3-routed:
```

```

Type: object
Properties:
 cisco-cn-ipam:l3-routed:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf

```

```
data_cisco-cn-ipam_ipam_dp_dp-name_offline:
```

```

Type: object
Properties:
 cisco-cn-ipam:offline:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf

```

```
data_cisco-cn-ipam_ipam_dp_dp-name_srg-peer-id:
```

```

Type: object
Properties:
 cisco-cn-ipam:srg-peer-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:

```

```

 Type: leaf
data_cisco-cn-ipam_ipam_dp_dp-dp-name_static:
 Type: object
 Properties:
 cisco-cn-ipam:static:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_instance_instance-instance-id:
 Type: object
 Properties:
 cisco-cn-ipam:instance:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_instance"
 x-yang:
 Type: list

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name:
 Type: object
 Properties:
 cisco-cn-ipam:address-pool:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_addresspool"
 x-yang:
 Type: list

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_address-quarantine-qsize:
 Type: object
 Properties:
 cisco-cn-ipam:address-quarantine-qsize:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_address-quarantine-timer:
 Type: object
 Properties:
 cisco-cn-ipam:address-quarantine-timer:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_cisco-bng-ipam\_pool-priority:**

**Type:** object

**Properties:**

**cisco-bng-ipam:pool-priority:**

**Reference:** "#/components/schemas/datapost\_ciscocnipamipam\_ciscobngipampoolpriority"

**data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_cisco-bng-ipam\_pool-priority-post:**

**Type:** object

**Properties:**

**cisco-bng-ipam:priority:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

**cisco-bng-ipam:chunkCount:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

?

**data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_cisco-bng-ipam\_pool-priority\_cisco-bng-ipam\_chunkCount**

: type: object

**Properties:**

**cisco-bng-ipam:chunkCount:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

?

**data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_cisco-bng-ipam\_pool-priority\_cisco-bng-ipam\_priority**

: type: object

**Properties:**

**cisco-bng-ipam:priority:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-id\_address-pool\_address-pool-pool-name\_cisco-bng-ipam\_reconcile-schedule**

**Type:** object

**Properties:**

**cisco-bng-ipam:reconcile-schedule:**

**Reference:**

```

"/components/schemas/datapost_ciscocnipamipam_ciscobngipamreconcileschedule"
?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_reconcile-schedule-post

: type: object
 Properties:
 cisco-bng-ipam:time-of-day-hour:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 cisco-bng-ipam:time-of-day-minute:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 cisco-bng-ipam:frequency:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_reconcile-schedule_cisco-bng-ipam_frequency

: type: object
 Properties:
 cisco-bng-ipam:frequency:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_reconcile-schedule_cisco-bng-ipam_time-of-day-hour

: type: object
 Properties:
 cisco-bng-ipam:time-of-day-hour:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_reconcile-schedule_cisco-bng-ipam_time-of-day-minute

: type: object
 Properties:
 cisco-bng-ipam:time-of-day-minute:
 Type: integer
 Description: (leaf)

```



```

 format: uint32
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-bng-ipam\_static:**

```

Type: object
Properties:
 cisco-bng-ipam:static:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ciscobngipamstatic"

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-bng-ipam\_static-post:**

```

Type: object
Properties:
 cisco-bng-ipam:enable:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf
 cisco-bng-ipam:user-plane:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 cisco-bng-ipam:srg-peer-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 cisco-bng-ipam:circuit-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 cisco-bng-ipam:associated-srg-peer-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

?

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-bng-ipam\_static\_cisco-bng-ipam\_associated-srg-peer-id**

```

: type: object
Properties:
 cisco-bng-ipam:associated-srg-peer-id:
 Type: string
 Description: (leaf)

```

```

 format: string
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_static_cisco-bng-ipam_circuit-id

: type: object
Properties:
 cisco-bng-ipam:circuit-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_static_cisco-bng-ipam_enable

: type: object
Properties:
 cisco-bng-ipam:enable:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_static_cisco-bng-ipam_srg-peer-id

: type: object
Properties:
 cisco-bng-ipam:srg-peer-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_static_cisco-bng-ipam_user-plane

: type: object
Properties:
 cisco-bng-ipam:user-plane:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_tags:

Type: object
Properties:
 cisco-bng-ipam:tags:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ciscobngipamtags"

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-bng-ipam\_tags-post:**

**Type:** object  
**Properties:**  
**cisco-bng-ipam:group:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

?

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_cisco-bng-ipam\_tags\_cisco-bng-ipam\_group**

**: type:** object  
**Properties:**  
**cisco-bng-ipam:group:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:ipv4:**  
**Reference:** "#/components/schemas/datapost\_ciscocnipamipam\_ipv4"

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4-post:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:address-range:**  
**Type:** array  
**Description:** (list)  
**Items:**  
**Reference:** "#/components/schemas/datapost\_ciscocnipamipam\_ipv4\_addressrange"  
**x-yang:**  
**Type:** list  
**cisco-cn-ipam:prefix-range:**  
**Type:** array  
**Description:** (list)  
**Items:**  
**Reference:** "#/components/schemas/datapost\_ciscocnipamipam\_ipv4\_prefixrange"  
**x-yang:**  
**Type:** list  
**cisco-cn-ipam:split-size:**  
**Reference:** "#/components/schemas/datapost\_ciscocnipamipam\_ipv4\_splitsize"  
**cisco-cn-ipam:threshold:**  
**Reference:** "#/components/schemas/datapost\_ciscocnipamipam\_ipv4\_threshold"

?

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_address-range\_address-range-start-address\_address-range-end-address**

```

: type: object
 Properties:
 cisco-cn-ipam:address-range:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_addressrange"
 x-yang:
 Type: list
 ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address_cisco-bng-ipam_default-gateway

: type: object
 Properties:
 cisco-bng-ipam:default-gateway:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address

: type: object
 Properties:
 cisco-cn-ipam:end-address:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address_offline

: type: object
 Properties:
 cisco-cn-ipam:offline:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address_start-address

: type: object
 Properties:
 cisco-cn-ipam:start-address:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

```

?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length

: type: object
 Properties:
 cisco-cn-ipam:prefix-range:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_prefixrange"
 x-yang:
 Type: list
?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_cisco-bng-ipam_default-gateway

: type: object
 Properties:
 cisco-bng-ipam:default-gateway:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_length

: type: object
 Properties:
 cisco-cn-ipam:length:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_offline

: type: object
 Properties:
 cisco-cn-ipam:offline:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf
?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_prefix

: type: object
 Properties:
 cisco-cn-ipam:prefix:
 Type: string
 Description: (leaf)
 format: string

```

**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:split-size:**  
**Reference:** "#/components/schemas/datapost\_ciscocnipamipam\_ipv4\_splitsize"

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size-post:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:per-cache:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf  
**cisco-cn-ipam:per-dp:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf  
**cisco-cn-ipam:no-split:**  
**Type:** string  
**Description:** (leaf)  
**format:** "[null]"  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size\_no-split:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:no-split:**  
**Type:** string  
**Description:** (leaf)  
**format:** "[null]"  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size\_per-cache:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:per-cache:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size\_per-dp:**

**Type:** object

**Properties:**

**cisco-cn-ipam:per-dp:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_threshold:**

**Type:** object

**Properties:**

**cisco-cn-ipam:threshold:**

**Reference:** "#/components/schemas/datapost\_ciscocnipamipam\_ipv4\_threshold"

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_threshold-post:**

**Type:** object

**Properties:**

**cisco-cn-ipam:upper-threshold:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_threshold\_upper-threshold:**

**Type:** object

**Properties:**

**cisco-cn-ipam:upper-threshold:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6:**

**Type:** object

**Properties:**

**cisco-cn-ipam:ipv6:**

**Reference:** "#/components/schemas/datapost\_ciscocnipamipam\_ipv6"

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6-post:**

**Type:** object

**Properties:**

**cisco-cn-ipam:split-prefix-iana-first:**

```

 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf
 cisco-cn-ipam:address-ranges:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv6_addressranges"
 cisco-cn-ipam:prefix-ranges:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv6_prefixranges"

data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges:

 Type: object
 Properties:
 cisco-cn-ipam:address-ranges:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv6_addressranges"

data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges-post:

 Type: object
 Properties:
 cisco-cn-ipam:address-range:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_addressrange"
 x-yang:
 Type: list
 cisco-cn-ipam:prefix-range:
 Type: array
 Description: (list)
 Items:
 Reference:
 "#/components/schemas/datapost_ciscocnipamipam_ipv6_addressranges_prefixrange"
 x-yang:
 Type: list
 cisco-cn-ipam:split-size:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_splitsize"
 cisco-cn-ipam:threshold:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_threshold"
 ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_address-range_address-range-status_address-range-edges
: type: object
 Properties:
 cisco-cn-ipam:address-range:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_addressrange"
 x-yang:
 Type: list
 ?

```



```

data_cisco-cn-ipam_ipam_instance_instance-id address-pool address-pool-pool-rare ipv6 address-ranges address-range address-range-start address-address-range-end address_cisco-cn-ipam-default-gatew
: type: object
 Properties:
 cisco-bng-ipam:default-gateway:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-id address-pool address-pool-pool-rare 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_instance_instance-id address-pool address-pool-pool-rare ipv6 address-ranges address-range address-range-start address-address-range-end address_offline
: type: object
 Properties:
 cisco-cn-ipam:offline:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-id address-pool address-pool-pool-rare ipv6 address-ranges address-range address-range-start address-address-range-end address_start address
: type: object
 Properties:
 cisco-cn-ipam:start-address:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-id address-pool address-pool-pool-rare ipv6 address-ranges prefix-range prefix-range-prefix prefix-range-length
: type: object
 Properties:
 cisco-cn-ipam:prefix-range:
 Type: array
 Description: (list)
 Items:
 Reference:
 "#/components/schemas/datapost_ciscocnipamipam_ipv6_addressranges_prefixrange"

```

```

 x-yang:
 Type: list
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length_length
: type: object
Properties:
 cisco-cn-ipam:length:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length_offline
: type: object
Properties:
 cisco-cn-ipam:offline:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length_prefix
: type: object
Properties:
 cisco-cn-ipam:prefix:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size:
Type: object
Properties:
 cisco-cn-ipam:split-size:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_splitsize"

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_post:
Type: object
Properties:
 cisco-cn-ipam:per-cache:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 cisco-cn-ipam:per-dp:

```

```

 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 cisco-cn-ipam:no-split:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_no-split

: type: object
Properties:
 cisco-cn-ipam:no-split:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_per-cache

: type: object
Properties:
 cisco-cn-ipam:per-cache:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_per-dp

Type: object
Properties:
 cisco-cn-ipam:per-dp:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold

Type: object
Properties:
 cisco-cn-ipam:threshold:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_threshold"

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold-post:

```

```

 Type: object
 Properties:
 cisco-cn-ipam:upper-threshold:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold_upper-threshold

: type: object
 Properties:
 cisco-cn-ipam:upper-threshold:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges:

 Type: object
 Properties:
 cisco-cn-ipam:prefix-ranges:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv6_prefixranges"

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges-post:

 Type: object
 Properties:
 cisco-cn-ipam:prefix-range:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_prefixrange"
 x-yang:
 Type: list
 cisco-cn-ipam:split-size:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_splitsize"
 cisco-cn-ipam:threshold:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_threshold"
 cisco-bng-ipam:prefix-length:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_cisco-bng-ipam_prefix-length

: type: object
 Properties:

```

```

 cisco-bng-ipam:prefix-length:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length

: type: object
Properties:
 cisco-cn-ipam:prefix-range:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_prefixrange"
 x-yang:
 Type: list
 ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_cisco-bng-ipam-default-gateway

: type: object
Properties:
 cisco-bng-ipam:default-gateway:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_length

: type: object
Properties:
 cisco-cn-ipam:length:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_offline

: type: object
Properties:
 cisco-cn-ipam:offline:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_prefix

```

```

: type: object
 Properties:
 cisco-cn-ipam:prefix:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size
 Type: object
 Properties:
 cisco-cn-ipam:split-size:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_splitsize"

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_post:
 Type: object
 Properties:
 cisco-cn-ipam:per-cache:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 cisco-cn-ipam:per-dp:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 cisco-cn-ipam:no-split:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_no-split
: type: object
 Properties:
 cisco-cn-ipam:no-split:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-cache
: type: object

```

**Properties:****cisco-cn-ipam:per-cache:****Type:** integer**Description:** (leaf)**format:** uint32**x-yang:****Type:** leaf**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_split-size\_per-dp:****Type:** object**Properties:****cisco-cn-ipam:per-dp:****Type:** integer**Description:** (leaf)**format:** uint32**x-yang:****Type:** leaf**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_threshold:****Type:** object**Properties:****cisco-cn-ipam:threshold:****Reference:** "#/components/schemas/datapost\_ciscocnipamipam\_ipv4\_threshold"**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_threshold-post:****Type:** object**Properties:****cisco-cn-ipam:upper-threshold:****Type:** integer**Description:** (leaf)**format:** uint32**x-yang:****Type:** leaf

?

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_prefix-ranges\_threshold\_upper-threshold:****: type:** object**Properties:****cisco-cn-ipam:upper-threshold:****Type:** integer**Description:** (leaf)**format:** uint32**x-yang:****Type:** leaf**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_split-prefix-iana-first:****Type:** object**Properties:****cisco-cn-ipam:split-prefix-iana-first:****Type:** string

```

 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_offline:**

```

Type: object
Properties:
 cisco-cn-ipam:offline:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_pool-name:**

```

Type: object
Properties:
 cisco-cn-ipam:pool-name:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_vrf-name:**

```

Type: object
Properties:
 cisco-cn-ipam:vrf-name:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_instance-id:**

```

Type: object
Properties:
 cisco-cn-ipam:instance-id:
 Type: string
 Description: (leaf)
 format: leafref
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_ip-chunk-event-logging:**

```

Type: object
Properties:
 cisco-cn-ipam:ip-chunk-event-logging:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_reservechunkforremotesite"

```



**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_ip-chunk-event-logging-post:**

**Type:** object  
**Properties:**  
     **cisco-cn-ipam:enable:**  
     **Type:** string  
     **Description:** (leaf)  
     **format:** "[null]"  
     **x-yang:**  
     **Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_ip-chunk-event-logging\_enable:**

**Type:** object  
**Properties:**  
     **cisco-cn-ipam:enable:**  
     **Type:** string  
     **Description:** (leaf)  
     **format:** "[null]"  
     **x-yang:**  
     **Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_ip-event-logging:**

**Type:** object  
**Properties:**  
     **cisco-cn-ipam:ip-event-logging:**  
     **Reference:** "#/components/schemas/datapost\_ciscocnipamipam\_reservechunkforremotesite"

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_ip-event-logging-post:**

**Type:** object  
**Properties:**  
     **cisco-cn-ipam:enable:**  
     **Type:** string  
     **Description:** (leaf)  
     **format:** "[null]"  
     **x-yang:**  
     **Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_ip-event-logging\_enable:**

**Type:** object  
**Properties:**  
     **cisco-cn-ipam:enable:**  
     **Type:** string  
     **Description:** (leaf)  
     **format:** "[null]"  
     **x-yang:**  
     **Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_ip-reserve:**

**Type:** object

**Properties:****cisco-cn-ipam:ip-reserve:****Type:** integer**Description:** (leaf)**format:** int32**x-yang:****Type:** leaf**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_min-dp-addr-size:****Type:** object**Properties:****cisco-cn-ipam:min-dp-addr-size:****Reference:** "#/components/schemas/datapost\_ciscocnipamipam\_threshold"**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_min-dp-addr-size-post:****Type:** object**Properties:****cisco-cn-ipam:ipv4-addr:****Type:** integer**Description:** (leaf)**format:** uint32**x-yang:****Type:** leaf**cisco-cn-ipam:ipv6-addr:****Type:** integer**Description:** (leaf)**format:** uint32**x-yang:****Type:** leaf**cisco-cn-ipam:ipv6-prefix:****Type:** integer**Description:** (leaf)**format:** uint32**x-yang:****Type:** leaf**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_min-dp-addr-size\_ipv4-addr:****Type:** object**Properties:****cisco-cn-ipam:ipv4-addr:****Type:** integer**Description:** (leaf)**format:** uint32**x-yang:****Type:** leaf**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_min-dp-addr-size\_ipv6-addr:****Type:** object**Properties:****cisco-cn-ipam:ipv6-addr:**

**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_min-dp-addr-size\_ipv6-prefix:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:ipv6-prefix:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_reconcile-schedule:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:reconcile-schedule:**  
**Reference:** "#/components/schemas/datapost\_ciscocnipamipam\_reconcileschedule"

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_reconcile-schedule-post:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:time-of-day-hour:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf  
**cisco-cn-ipam:time-of-day-minute:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf  
**cisco-cn-ipam:frequency:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_reconcile-schedule\_frequency:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:frequency:**  
**Type:** integer  
**Description:** (leaf)

```

 format: uint32
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_reconcile-schedule\_time-of-day-hour:**

```

Type: object
Properties:
 cisco-cn-ipam:time-of-day-hour:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_reconcile-schedule\_time-of-day-minute:**

```

Type: object
Properties:
 cisco-cn-ipam:time-of-day-minute:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_reserve-chunk-for-remote-site:**

```

Type: object
Properties:
 cisco-cn-ipam:reserve-chunk-for-remote-site:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_reservechunkforremotesite"

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_reserve-chunk-for-remote-site-post:**

```

Type: object
Properties:
 cisco-cn-ipam:enable:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_reserve-chunk-for-remote-site\_enable:**

```

Type: object
Properties:
 cisco-cn-ipam:enable:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:

```

```

 Type: leaf
data_cisco-cn-ipam_ipam_instance_instance-id_source:
 Type: object
 Properties:
 cisco-cn-ipam:source:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_source"
data_cisco-cn-ipam_ipam_instance_instance-id_source-post:
 Type: object
 Properties:
 cisco-cn-ipam:local:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf
 cisco-cn-ipam:external:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_source_external"
data_cisco-cn-ipam_ipam_instance_instance-id_source_external:
 Type: object
 Properties:
 cisco-cn-ipam:external:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_source_external"

data_cisco-cn-ipam_ipam_instance_instance-id_source_external-post:

 Type: object
 Properties:
 cisco-cn-ipam:ipam:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_source_external_ipam"

data_cisco-cn-ipam_ipam_instance_instance-id_source_external_ipam:

 Type: object
 Properties:
 cisco-cn-ipam:ipam:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_source_external_ipam"

data_cisco-cn-ipam_ipam_instance_instance-id_source_external_ipam-post:

 Type: object
 Properties:
 cisco-cn-ipam:host:
 Type: string
 Description: (leaf)
 format: union
 x-yang:
 Type: leaf
 cisco-cn-ipam:port:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf

```

```

cisco-cn-ipam:vendor:
 Type: string
 Description: (leaf)
 format: enumeration
 Default: cisco
 enum:
 - cisco
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source\_external\_ipam\_host:**

```

Type: object
Properties:
 cisco-cn-ipam:host:
 Type: string
 Description: (leaf)
 format: union
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source\_external\_ipam\_port:**

```

Type: object
Properties:
 cisco-cn-ipam:port:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source\_external\_ipam\_vendor:**

```

Type: object
Properties:
 cisco-cn-ipam:vendor:
 Type: string
 Description: (leaf)
 format: enumeration
 Default: cisco
 enum:
 - cisco
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_source\_local:**

```

Type: object
Properties:
 cisco-cn-ipam:local:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:

```

```

 Type: leaf
data_cisco-cn-ipam_ipam_instance_instance-id_threshold:
 Type: object
 Properties:
 cisco-cn-ipam:threshold:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_threshold"
data_cisco-cn-ipam_ipam_instance_instance-id_threshold-post:
 Type: object
 Properties:
 cisco-cn-ipam:ipv4-addr:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 cisco-cn-ipam:ipv6-addr:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 cisco-cn-ipam:ipv6-prefix:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_instance_instance-id_threshold_ipv4-addr:
 Type: object
 Properties:
 cisco-cn-ipam:ipv4-addr:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_instance_instance-id_threshold_ipv6-addr:
 Type: object
 Properties:
 cisco-cn-ipam:ipv6-addr:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_instance_instance-id_threshold_ipv6-prefix:
 Type: object
 Properties:

```

```

 cisco-cn-ipam:ipv6-prefix:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 data_cisco-cn-ipam_ipam_pool:
 Type: object
 Properties:
 cisco-cn-ipam:pool:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_pool"
 x-yang:
 Type: list
 data_cisco-cn-ipam_ipam_pool_pool-pool-name:
 Type: object
 Properties:
 cisco-cn-ipam:pool:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_pool"
 x-yang:
 Type: list
 data_cisco-cn-ipam_ipam_pool_pool-pool-name_app-name-bng:
 Type: object
 Properties:
 cisco-cn-ipam:app-name-bng:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf
 data_cisco-cn-ipam_ipam_pool_pool-pool-name_gr-inst-id:
 Type: object
 Properties:
 cisco-cn-ipam:gr-inst-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 data_cisco-cn-ipam_ipam_pool_pool-pool-name_iana-rsvd-addr:
 Type: object
 Properties:
 cisco-cn-ipam:iana-rsvd-addr:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:

```



```

 Type: leaf
data_cisco-cn-ipam_ipam_pool_pool-pool-name_iapd-rsvd-addr:
 Type: object
 Properties:
 cisco-cn-ipam:iapd-rsvd-addr:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr:
 Type: object
 Properties:
 cisco-cn-ipam:ipv4-addr:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr:
 Type: object
 Properties:
 cisco-cn-ipam:ipv4-addr:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_addr-alloc-thrs:
 Type: object
 Properties:
 cisco-cn-ipam:addr-alloc-thrs:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-addr_ipv4-addr-start-addr_alloc-addr-list:
 Type: object
 Properties:
 cisco-cn-ipam:alloc-addr-list:
 Type: string
 Description: (leaf)
 format: string
 x-yang:

```

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_alloc-id:**

**Type:** object

**Properties:**

**cisco-cn-ipam:alloc-id:**

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_end-addr:**

**Type:** object

**Properties:**

**cisco-cn-ipam:end-addr:**

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_flag:**

**Type:** object

**Properties:**

**cisco-cn-ipam:flag:**

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_gateway-addr:**

**Type:** object

**Properties:**

**cisco-cn-ipam:gateway-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\_index:**

**Type:** object

**Properties:**

**cisco-cn-ipam:index:**

**Type:** integer

**Description:** (leaf)

```

 format: uint32
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_native-inst-id:**

```

Type: object
Properties:
 cisco-cn-ipam:native-inst-id:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_native-peer-id:**

```

Type: object
Properties:
 cisco-cn-ipam:native-peer-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_offline:**

```

Type: object
Properties:
 cisco-cn-ipam:offline:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_peer-inst-id:**

```

Type: object
Properties:
 cisco-cn-ipam:peer-inst-id:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_pool:**

```

Type: object
Properties:
 cisco-cn-ipam:pool:
 Type: string

```

```

 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_route:**

```

Type: object
Properties:
 cisco-cn-ipam:route:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_start-addr:**

```

Type: object
Properties:
 cisco-cn-ipam:start-addr:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-addr\_ipv4-addr-start-addr\_static:**

```

Type: object
Properties:
 cisco-cn-ipam:static:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-rsvd-addr:**

```

Type: object
Properties:
 cisco-cn-ipam:ipv4-rsvd-addr:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv4-threshold:**

```

Type: object
Properties:
 cisco-cn-ipam:ipv4-threshold:
 Type: string
 Description: (leaf)
 format: string
 x-yang:

```

```

 Type: leaf
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-total:
 Type: object
 Properties:
 cisco-cn-ipam:ipv4-total:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv4-used:
 Type: object
 Properties:
 cisco-cn-ipam:ipv4-used:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr:
 Type: object
 Properties:
 cisco-cn-ipam:ipv6-addr:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr-threshold:
 Type: object
 Properties:
 cisco-cn-ipam:ipv6-addr-threshold:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr-total:
 Type: object
 Properties:
 cisco-cn-ipam:ipv6-addr-total:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
data_cisco-cn-ipam_ipam_pool_pool-pool-name_ipv6-addr-used:
 Type: object
 Properties:
 cisco-cn-ipam:ipv6-addr-used:

```

```

Type: integer
Description: (leaf)
format: uint64
x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr:**

```

Type: object
Properties:
 cisco-cn-ipam:ipv6-addr:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_addr-alloc-thrs:**

```

Type: object
Properties:
 cisco-cn-ipam:addr-alloc-thrs:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_alloc-addrs-list:**

```

Type: object
Properties:
 cisco-cn-ipam:alloc-addrs-list:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_alloc-id:**

```

Type: object
Properties:
 cisco-cn-ipam:alloc-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_end-addr:**

```

Type: object
Properties:
 cisco-cn-ipam:end-addr:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_flag:**

```

Type: object
Properties:
 cisco-cn-ipam:flag:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_gateway-addr:**

```

Type: object
Properties:
 cisco-cn-ipam:gateway-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\_index:**

```

Type: object
Properties:
 cisco-cn-ipam:index:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_native-inst-id:**

```

Type: object
Properties:
 cisco-cn-ipam:native-inst-id:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_native-peer-id:**

**Type:** object

**Properties:**

**cisco-cn-ipam:native-peer-id:**

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_offline:**

**Type:** object

**Properties:**

**cisco-cn-ipam:offline:**

**Type:** boolean

**Description:** (leaf)

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_peer-inst-id:**

**Type:** object

**Properties:**

**cisco-cn-ipam:peer-inst-id:**

**Type:** integer

**Description:** (leaf)

**format:** uint32

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_pool:**

**Type:** object

**Properties:**

**cisco-cn-ipam:pool:**

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_route:**

**Type:** object

**Properties:**

**cisco-cn-ipam:route:**

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf



**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_start-addr:**

**Type:** object  
**Properties:**  
 cisco-cn-ipam:start-addr:  
   **Type:** string  
   **Description:** (leaf)  
   **format:** string  
   **x-yang:**  
     **Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-addr\_ipv6-addr-start-addr\_static:**

**Type:** object  
**Properties:**  
 cisco-cn-ipam:static:  
   **Type:** boolean  
   **Description:** (leaf)  
   **x-yang:**  
     **Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-pfx-threshold:**

**Type:** object  
**Properties:**  
 cisco-cn-ipam:ipv6-pfx-threshold:  
   **Type:** string  
   **Description:** (leaf)  
   **format:** string  
   **x-yang:**  
     **Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-pfx-total:**

**Type:** object  
**Properties:**  
 cisco-cn-ipam:ipv6-pfx-total:  
   **Type:** integer  
   **Description:** (leaf)  
   **format:** uint64  
   **x-yang:**  
     **Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-pfx-used:**

**Type:** object  
**Properties:**  
 cisco-cn-ipam:ipv6-pfx-used:  
   **Type:** integer  
   **Description:** (leaf)  
   **format:** uint64  
   **x-yang:**  
     **Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix:**

**Type:** object  
**Properties:**  
 cisco-cn-ipam:ipv6-prefix:

```

 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr:**

```

Type: object
Properties:
 cisco-cn-ipam:ipv6-prefix:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_addr-alloc-thrs:**

```

Type: object
Properties:
 cisco-cn-ipam:addr-alloc-thrs:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_alloc-addr-list:**

```

Type: object
Properties:
 cisco-cn-ipam:alloc-addr-list:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_alloc-id:**

```

Type: object
Properties:
 cisco-cn-ipam:alloc-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_end-addr:**

```

Type: object
Properties:
 cisco-cn-ipam:end-addr:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_flag:**

```

Type: object
Properties:
 cisco-cn-ipam:flag:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_gateway-addr:**

```

Type: object
Properties:
 cisco-cn-ipam:gateway-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\_index:**

```

Type: object
Properties:
 cisco-cn-ipam:index:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_native-inst-id:**

```

Type: object
Properties:
 cisco-cn-ipam:native-inst-id:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf

```

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_native-peer-id:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:native-peer-id:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_offline:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:offline:**  
**Type:** boolean  
**Description:** (leaf)  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_peer-inst-id:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:peer-inst-id:**  
**Type:** integer  
**Description:** (leaf)  
**format:** uint32  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_pool:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:pool:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**  
**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_route:**

**Type:** object  
**Properties:**  
**cisco-cn-ipam:route:**  
**Type:** string  
**Description:** (leaf)  
**format:** string  
**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_start-addr:**

**Type:** object

**Properties:**

**cisco-cn-ipam:start-addr:**

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_ipv6-prefix\_ipv6-prefix-start-addr\_static:**

**Type:** object

**Properties:**

**cisco-cn-ipam:static:**

**Type:** boolean

**Description:** (leaf)

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_l3-routed:**

**Type:** object

**Properties:**

**cisco-cn-ipam:l3-routed:**

**Type:** boolean

**Description:** (leaf)

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_offline:**

**Type:** object

**Properties:**

**cisco-cn-ipam:offline:**

**Type:** boolean

**Description:** (leaf)

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_pool-name:**

**Type:** object

**Properties:**

**cisco-cn-ipam:pool-name:**

**Type:** string

**Description:** (leaf)

**format:** string

**x-yang:**

**Type:** leaf

**data\_cisco-cn-ipam\_ipam\_pool\_pool-pool-name\_srg-peer-id:**

**Type:** object

**Properties:**

**cisco-cn-ipam:srg-peer-id:**

**Type:** string

```

 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 data_cisco-cn-ipam_ipam_pool_pool-name_static:
 Type: object
 Properties:
 cisco-cn-ipam:static:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf
 operations:
 Type: object
 Properties:
 ietf-restconf:operations:
 Type: object
 Properties: {}
 Description: This resource is a container that provides access to the
data-model-specific
 RPC operations supported by the server. See RESTCONF RFC 8040 for further
 information.
 x-yang:
 Type: operations
 root:
 Type: object
 Properties:
 ietf-restconf:restconf:
 Reference: "#/components/schemas/root_ietfrestconfrestconf"
 yang-library-version:
 Type: object
 Properties:
 ietf-restconf:yang-library-version:
 Type: object
 Properties: {}
 Description: This leaf identifies the revision date of the 'ietf-yang-library'
 YANG module that is implemented by this server. See RESTCONF RFC 8040
 for further information.
 x-yang:
 Type: leaf
 datapost_ciscocnipamipam_source_external_ipam:
 Type: object
 Properties:
 host:
 Type: string
 Description: (leaf)
 format: union
 x-yang:
 Type: leaf
 port:
 Type: integer
 Description: (leaf)

```

```

 format: uint32
 x-yang:
 Type: leaf
 vendor:
 Type: string
 Description: (leaf)
 format: enumeration
 Default: cisco
 enum:
 - cisco
 x-yang:
 Type: leaf
 Description: (non-presence)
datapost_ciscocnipamipam_source_external:
 Type: object
 Properties:
 ipam:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_source_external_ipam"
 Description: (non-presence)
datapost_ciscocnipamipam_source:
 Type: object
 Properties:
 local:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf
 external:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_source_external"
 Description: (non-presence)
datapost_ciscocnipamipam_reservechunkforremotesite:
 Type: object
 Properties:
 enable:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf
 Description: (non-presence)
datapost_ciscocnipamipam_reconcileschedule:
 Type: object
 Properties:
 time-of-day-hour:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 time-of-day-minute:
 Type: integer

```

```

 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 frequency:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 Description: (non-presence)
datapost_ciscocnipamipam_ipv4_addressrange:
 Type: object
 Properties:
 start-address:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 end-address:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 offline:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf
 cisco-bng-ipam:default-gateway:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
datapost_ciscocnipamipam_ipv4_prefixrange:
 Type: object
 Properties:
 prefix:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 length:
 Type: integer
 Description: (leaf)
 format: uint32

```



```

 x-yang:
 Type: leaf
offline:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf
cisco-bng-ipam:default-gateway:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
datapost_ciscocnipamipam_ipv4_splitsize:
 Type: object
 Properties:
 per-cache:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 per-dp:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 no-split:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf
 Description: (non-presence)
datapost_ciscocnipamipam_ipv4_threshold:
 Type: object
 Properties:
 upper-threshold:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 Description: (non-presence)
datapost_ciscocnipamipam_ipv4:
 Type: object
 Properties:
 address-range:
 Type: array

```

```

 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_addressrange"
 x-yang:
 Type: list
 prefix-range:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_prefixrange"
 x-yang:
 Type: list
 split-size:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_splitsize"
 threshold:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_threshold"
Description: (non-presence)
datapost_ciscocnipamipam_ipv6_addressranges_prefixrange:
Type: object
Properties:
 prefix:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 length:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 offline:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf
datapost_ciscocnipamipam_ipv6_addressranges:
Type: object
Properties:
 address-range:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_addressrange"
 x-yang:
 Type: list
 prefix-range:
 Type: array
 Description: (list)

```

```

 Items:
 Reference:
 "#/components/schemas/datapost_ciscocnipamipam_ipv6_addressranges_prefixrange"
 x-yang:
 Type: list
 split-size:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_splitsize"
 threshold:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_threshold"
 Description: (non-presence)
datapost_ciscocnipamipam_ipv6_prefixranges:
 Type: object
 Properties:
 prefix-range:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_prefixrange"
 x-yang:
 Type: list
 split-size:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_splitsize"
 threshold:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4_threshold"
 cisco-bng-ipam:prefix-length:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 Description: (non-presence)
datapost_ciscocnipamipam_ipv6:
 Type: object
 Properties:
 split-prefix-iana-first:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf
 address-ranges:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv6_addressranges"
 prefix-ranges:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv6_prefixranges"
 Description: (non-presence)
datapost_ciscocnipamipam_ciscobngipamstatic:
 Type: object
 Properties:
 cisco-bng-ipam:enable:
 Type: string
 Description: (leaf)
 format: "[null]"

```

```

 x-yang:
 Type: leaf
 cisco-bng-ipam:user-plane:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 cisco-bng-ipam:srg-peer-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 cisco-bng-ipam:circuit-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 cisco-bng-ipam:associated-srg-peer-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 Description: (non-presence)
datapost_ciscocnipamipam_ciscobngipamtags:
 Type: object
 Properties:
 cisco-bng-ipam:group:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 Description: (non-presence)
datapost_ciscocnipamipam_ciscobngipampoolpriority:
 Type: object
 Properties:
 cisco-bng-ipam:priority:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 cisco-bng-ipam:chunkCount:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:

```

```

 Type: leaf
 Description: (non-presence)
datapost_ciscocnipamipam_ciscobngipamreconcileschedule:
 Type: object
 Properties:
 cisco-bng-ipam:time-of-day-hour:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 cisco-bng-ipam:time-of-day-minute:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 cisco-bng-ipam:frequency:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 Description: (non-presence)
datapost_ciscocnipamipam_addresspool:
 Type: object
 Properties:
 pool-name:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 address-quarantine-timer:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 address-quarantine-qsize:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 offline:
 Type: string
 Description: (leaf)
 format: "[null]"
 x-yang:
 Type: leaf

```

```

vrf-name:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
ipv4:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4"
ipv6:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv6"
cisco-bng-ipam:static:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ciscobngipamstatic"
cisco-bng-ipam:tags:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ciscobngipamtags"
cisco-bng-ipam:pool-priority:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ciscobngipampoolpriority"

cisco-bng-ipam:reconcile-schedule:
 Reference:
"#/components/schemas/datapost_ciscocnipamipam_ciscobngipamreconcileschedule"
datapost_ciscocnipamipam_threshold:
 Type: object
 Properties:
 ipv4-addr:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 ipv6-addr:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 ipv6-prefix:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 Description: (non-presence)
datapost_ciscocnipamipam_instance:
 Type: object
 Properties:
 instance-id:
 Type: string
 Description: (leaf)
 format: leafref
 x-yang:
 Type: leaf
 ip-reserve:

```

```

 Type: integer
 Description: (leaf)
 format: int32
 x-yang:
 Type: leaf
source:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_source"
reserve-chunk-for-remote-site:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_reservechunkforremotesite"

ip-event-logging:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_reservechunkforremotesite"

ip-chunk-event-logging:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_reservechunkforremotesite"

reconcile-schedule:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_reconcileschedule"
address-pool:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_addresspool"
 x-yang:
 Type: list
threshold:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_threshold"
min-dp-addr-size:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_threshold"
datapost_ciscocnipamipam_ipv4addr:
Type: object
Properties:
 start-addr:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 pool:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 index:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
 end-addr:
 Type: string

```

```

 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
alloc-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
route:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
gateway-addr:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
static:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf
offline:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf
native-inst-id:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
peer-inst-id:
 Type: integer
 Description: (leaf)
 format: uint32
 x-yang:
 Type: leaf
flag:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
native-peer-id:

```



```

 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 addr-alloc-thrs:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 alloc-addrs-list:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
datapost_ciscocnipamipam_pool:
 Type: object
 Properties:
 pool-name:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 gr-inst-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 ipv4-total:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
 ipv4-used:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
 ipv4-threshold:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 ipv6-addr-total:

```

```

 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
 ipv6-addr-used:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
 ipv6-addr-threshold:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 ipv6-pfx-total:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
 ipv6-pfx-used:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
 ipv6-pfx-threshold:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 ipv4-rsvd-addr:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
 iana-rsvd-addr:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
 iapd-rsvd-addr:
 Type: integer
 Description: (leaf)
 format: uint64

```

```

 x-yang:
 Type: leaf
 app-name-bng:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf
 srg-peer-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 13-routed:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf
 static:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf
 offline:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf
 ipv4-addr:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list
 ipv6-addr:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list
 ipv6-prefix:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list
datapost_ciscocnipamipam_dp:
 Type: object

```

```

Properties:
 dp-name:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 gr-inst-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 ipv4-total:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
 ipv4-used:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
 ipv4-threshold:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 ipv6-addr-total:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
 ipv6-addr-used:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
 ipv6-addr-threshold:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 ipv6-pfx-total:
 Type: integer

```

```

 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
ipv6-pfx-used:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
ipv6-pfx-threshold:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
ipv4-rsvd-addr:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
iana-rsvd-addr:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
iapd-rsvd-addr:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
app-name-bng:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf
srg-peer-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
13-routed:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf
static:

```

```

 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf
offline:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf
ipv4-addr:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list
ipv6-addr:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list
ipv6-prefix:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list
datapost_ciscocnipamipam_dpntag:
 Type: object
 Properties:
 dp-tag:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 gr-inst-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
 ipv4-total:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf

```

```
ipv4-used:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
ipv4-threshold:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
ipv6-addr-total:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
ipv6-addr-used:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
ipv6-addr-threshold:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
ipv6-pfx-total:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
ipv6-pfx-used:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
ipv6-pfx-threshold:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
ipv4-rsvd-addr:
 Type: integer
 Description: (leaf)
```

```

 format: uint64
 x-yang:
 Type: leaf
iana-rsvd-addr:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
iapd-rsvd-addr:
 Type: integer
 Description: (leaf)
 format: uint64
 x-yang:
 Type: leaf
app-name-bng:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf
srg-peer-id:
 Type: string
 Description: (leaf)
 format: string
 x-yang:
 Type: leaf
13-routed:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf
static:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf
offline:
 Type: boolean
 Description: (leaf)
 x-yang:
 Type: leaf
ipv4-addr:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list
ipv6-addr:
 Type: array
 Description: (list)

```



```

 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list
 ipv6-prefix:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_ipv4addr"
 x-yang:
 Type: list
datapost_ciscocnipamipam:
 Type: object
 Properties:
 instance:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_instance"
 x-yang:
 Type: list
 pool:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_pool"
 x-yang:
 Type: list
 dp:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_dp"
 x-yang:
 Type: list
 dp-tag:
 Type: array
 Description: (list)
 Items:
 Reference: "#/components/schemas/datapost_ciscocnipamipam_dptag"
 x-yang:
 Type: list
 Description: (non-presence)
dataputpatch_ietfrestconfdata:
 Type: object
 Properties:
 cisco-cn-ipam:ipam:
 Reference: "#/components/schemas/datapost_ciscocnipamipam"
 Description: ""
root_ietfrestconfrestconf:
 Type: object

```

```

Properties:
 data:
 Type: object
 Properties: {}
 operations:
 Type: object
 Properties: {}
 yang-library-version:
 Type: string
 Description: This is the RESTCONF root resource for the RESTCONF datastore and
 operation resources. See RESTCONF RFC 8040 for further information.
responses:
 "200":
 Description: OK
 content: {}
 "201":
 Description: Created
 content: {}
 "204":
 Description: No Content
 content: {}
 "400":
 Description: Bad Request
 content: {}
 "401":
 Description: Unauthorized
 content: {}
 "404":
 Description: Not Found
 content: {}
 "405":
 Description: Method Not Allowed
 content: {}
 "409":
 Description: Conflict
 content: {}
parameters:
 content:
 name: content
 in: query
 Description: controlling descendant nodes in response
 Required: false
 style: form
 explode: true
 schema:
 Type: string
 format: enumeration
 Default: config
 enum:
 - config
 - nonconfig
 - all
 depth:
 name: depth

```

```
in: query
Description: limit the depth of nodes in response
Required: false
style: form
explode: true
schema:
 Type: integer
 format: uint16
fields:
 name: fields
 in: query
 Description: optionally identify specific data nodes in response
 Required: false
 style: form
 explode: true
 schema:
 Type: string
 format: string
filter:
 name: filter
 in: query
 Description: xpath expression to filter data nodes in response
 Required: false
 style: form
 explode: true
 schema:
 Type: string
 format: string
with-defaults:
 name: with-defaults
 in: query
 Description: controlling default values in response
 Required: false
 style: form
 explode: true
 schema:
 Type: string
 format: enumeration
 Default: report-all
 enum:
 - report-all
 - trim
 - explicit
 - report-all-tagged
insert:
 name: insert
 in: query
 Description: controlling the order when adding new list elements
 Required: false
 style: form
 explode: true
 schema:
```

```

 Type: string
 format: enumeration
 Default: first
 enum:
 - first
 - last
 - before
 - after
point:
 name: point
 in: query
 Description: used to specify the insertion point
 Required: false
 style: form
 explode: true
 schema:
 Type: string
 format: string
address-pool-pool-name:
 name: address-pool-pool-name
 in: path
 Required: true
 style: simple
 explode: false
 schema:
 Type: string
 format: string
address-range-end-address:
 name: address-range-end-address
 in: path
 Required: true
 style: simple
 explode: false
 schema:
 Type: string
 format: string
address-range-start-address:
 name: address-range-start-address
 in: path
 Required: true
 style: simple
 explode: false
 schema:
 Type: string
 format: string
dp-dp-name:
 name: dp-dp-name
 in: path
 Required: true
 style: simple
 explode: false
 schema:

```

```
 Type: string
 format: string
dp-tag-dp-tag:
 name: dp-tag-dp-tag
 in: path
 Required: true
 style: simple
 explode: false
 schema:
 Type: string
 format: string
instance-instance-id:
 name: instance-instance-id
 in: path
 Required: true
 style: simple
 explode: false
 schema:
 Type: string
 format: leafref
ipv4-addr-index:
 name: ipv4-addr-index
 in: path
 Required: true
 style: simple
 explode: false
 schema:
 Type: integer
 format: uint32
ipv4-addr-pool:
 name: ipv4-addr-pool
 in: path
 Required: true
 style: simple
 explode: false
 schema:
 Type: string
 format: string
ipv4-addr-start-addr:
 name: ipv4-addr-start-addr
 in: path
 Required: true
 style: simple
 explode: false
 schema:
 Type: string
 format: string
ipv6-addr-index:
 name: ipv6-addr-index
 in: path
 Required: true
```

```

 style: simple
 explode: false
 schema:
 Type: integer
 format: uint32
 ipv6-addr-pool:
 name: ipv6-addr-pool
 in: path
 Required: true
 style: simple
 explode: false
 schema:
 Type: string
 format: string
 ipv6-addr-start-addr:
 name: ipv6-addr-start-addr
 in: path
 Required: true
 style: simple
 explode: false
 schema:
 Type: string
 format: string
 ipv6-prefix-index:
 name: ipv6-prefix-index
 in: path
 Required: true
 style: simple
 explode: false
 schema:
 Type: integer
 format: uint32
 ipv6-prefix-pool:
 name: ipv6-prefix-pool
 in: path
 Required: true
 style: simple
 explode: false
 schema:
 Type: string
 format: string
 ipv6-prefix-start-addr:
 name: ipv6-prefix-start-addr
 in: path
 Required: true
 style: simple
 explode: false
 schema:
 Type: string
 format: string
 pool-pool-name:

```

```

 name: pool-pool-name
 in: path
 Required: true
 style: simple
 explode: false
 schema:
 Type: string
 format: string
 prefix-range-length:
 name: prefix-range-length
 in: path
 Required: true
 style: simple
 explode: false
 schema:
 Type: integer
 format: uint32
 prefix-range-prefix:
 name: prefix-range-prefix
 in: path
 Required: true
 style: simple
 explode: false
 schema:
 Type: string
 format: string
 requestBodies:
 data-post:
 content:
 application/yang-data+json:
 schema:
 Reference: "#/components/schemas/data-post"
 Required: true
 data-put-patch:
 content:
 application/yang-data+json:
 schema:
 Reference: "#/components/schemas/data-put-patch"
 Required: true
 data_cisco-cn-ipam_ipam:
 content:
 application/yang-data+json:
 schema:
 Reference: "#/components/schemas/data_cisco-cn-ipam_ipam"
 Required: true
 data_cisco-cn-ipam_ipam-post:
 content:
 application/yang-data+json:
 schema:
 Reference: "#/components/schemas/data_cisco-cn-ipam_ipam-post"
 Required: true
 data_cisco-cn-ipam_ipam_instance_instance-id:

```

```

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id"
 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_address-quarantine-qsize:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_address-quarantine-qsize"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_address-quarantine-timer:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_address-quarantine-timer"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-tn-ipam_pool-priority:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-tn-ipam_pool-priority"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-tn-ipam_pool-priority-post:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-tn-ipam_pool-priority-post"

 Required: true
?
```



```

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_pool-priority_cisco-brg-ipam_chunkCount

: content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_pool-priority_cisco-brg-ipam_chunkCount"

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_pool-priority_cisco-brg-ipam_priority

: content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_pool-priority_cisco-brg-ipam_priority"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_reconcile-schedule

content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_reconcile-schedule"

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_reconcile-schedule-post

: content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_reconcile-schedule-post"

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_reconcile-schedule_cisco-brg-ipam_frequency

: content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_reconcile-schedule_cisco-brg-ipam_frequency"

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_reconcile-schedule_cisco-brg-ipam_time-of-day-hour

: content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_reconcile-schedule_cisco-brg-ipam_time-of-day-hour"

```

```

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_reconcile-schedule_cisco-brg-ipam_time-of-day-minute

 : content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_reconcile-schedule_cisco-brg-ipam_time-of-day-minute"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_static:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_static"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_static-post:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_static-post"

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_static_cisco-brg-ipam_associated-sig-peer-id

 : content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_static_cisco-brg-ipam_associated-sig-peer-id"

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_static_cisco-brg-ipam_circuit-id

 : content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_static_cisco-brg-ipam_circuit-id"

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-brg-ipam_static_cisco-brg-ipam_enable

 : content:
 application/yang-data+json:
 schema:
 Reference:

```

```

"/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_static_cisco-bng-ipam_enable"

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_static_cisco-bng-ipam_srg-peer-id

 : content:
 application/yang-data+json:
 schema:
 Reference:
 "/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_static_cisco-bng-ipam_srg-peer-id"

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_static_cisco-bng-ipam_user-plane

 : content:
 application/yang-data+json:
 schema:
 Reference:
 "/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_static_cisco-bng-ipam_user-plane"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_tags:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_tags"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_tags-post:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_tags-post"

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_tags_cisco-bng-ipam_group

 : content:
 application/yang-data+json:
 schema:
 Reference:
 "/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_cisco-bng-ipam_tags_cisco-bng-ipam_group"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4:

 content:
 application/yang-data+json:

```

```

 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4-post:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4-post"

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address

 : content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address"

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address_cisco-cn-ipam-default-gateway

 : content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address_cisco-cn-ipam-default-gateway"

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address_end-address

 : content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address_end-address"

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address_offline

 : content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address_offline"

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_address-range_address-range-start-address_address-range-end-address_start-address

```

```

: content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_address-range-start-address_address-range-end-address_start-address"

 Required: true
 ?
data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length

: content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length"

 Required: true
 ?
data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_cisco-cr-ipam-default-gateway

: content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_cisco-cr-ipam-default-gateway"

 Required: true
 ?
data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_length

: content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_length"

 Required: true
 ?
data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_offline

: content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_offline"

 Required: true
 ?
data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_prefix

: content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv4_prefix-range_prefix-range-prefix_prefix-range-length_prefix"

 Required: true

```

**data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size:**

**content:**

application/yang-data+json:

**schema:**

**Reference:**

"#/components/schemas/data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size"

**Required:** true

**data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size-post:**

**content:**

application/yang-data+json:

**schema:**

**Reference:**

"#/components/schemas/data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size-post"

**Required:** true

**data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size\_no-split:**

**content:**

application/yang-data+json:

**schema:**

**Reference:**

"#/components/schemas/data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size\_no-split"

**Required:** true

**data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size\_per-cache:**

**content:**

application/yang-data+json:

**schema:**

**Reference:**

"#/components/schemas/data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size\_per-cache"

**Required:** true

**data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size\_per-dp:**

**content:**

application/yang-data+json:

**schema:**

**Reference:**

"#/components/schemas/data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_split-size\_per-dp"

**Required:** true

**data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_threshold:**

**content:**

application/yang-data+json:

**schema:**

**Reference:**

"#/components/schemas/data\_cisco-cr-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_threshold"

**Required:** true

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_threshold-post:**

**content:**

application/yang-data+json:

**schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_threshold-post"

**Required:** true

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_threshold\_upper-threshold:**

**content:**

application/yang-data+json:

**schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv4\_threshold\_upper-threshold"

**Required:** true

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6:**

**content:**

application/yang-data+json:

**schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6"

**Required:** true

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6-post:**

**content:**

application/yang-data+json:

**schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6-post"

**Required:** true

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges:**

**content:**

application/yang-data+json:

**schema:**

**Reference:**

"#/components/schemas/data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges"

**Required:** true

**data\_cisco-cn-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges-post:**

**content:**

application/yang-data+json:

**schema:**

**Reference:**

"#/components/schemas/data\_cisco-n-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges-post"

**Required:** true

?

data\_cisco-n-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_address-range\_address-range-start-address\_address-range-end-address

: content:

application/yang-data+json:

**schema:**

**Reference:**

"#/components/schemas/data\_cisco-n-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_address-range\_address-range-start-address\_address-range-end-address"

**Required:** true

?

data\_cisco-n-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_address-range\_address-range-start-address\_address-range-end-address\_cisco-n-ipam-default-gate

: content:

application/yang-data+json:

**schema:**

**Reference:**

"#/components/schemas/data\_cisco-n-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_address-range\_address-range-start-address\_address-range-end-address\_cisco-n-ipam-default-gate"

**Required:** true

?

data\_cisco-n-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_address-range\_address-range-start-address\_address-range-end-address\_end-address

: content:

application/yang-data+json:

**schema:**

**Reference:**

"#/components/schemas/data\_cisco-n-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_address-range\_address-range-start-address\_address-range-end-address\_end-address"

**Required:** true

?

data\_cisco-n-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_address-range\_address-range-start-address\_address-range-end-address\_offline

: content:

application/yang-data+json:

**schema:**

**Reference:**

"#/components/schemas/data\_cisco-n-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_address-range\_address-range-start-address\_address-range-end-address\_offline"

**Required:** true

?

data\_cisco-n-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_address-range\_address-range-start-address\_address-range-end-address\_stat-address

: content:

application/yang-data+json:

**schema:**

**Reference:**

"#/components/schemas/data\_cisco-n-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_address-range\_address-range-start-address\_address-range-end-address\_stat-address"

**Required:** true

?

data\_cisco-n-ipam\_ipam\_instance\_instance-instance-id\_address-pool\_address-pool-pool-name\_ipv6\_address-ranges\_prefix-range\_prefix-range-prefix\_prefix-range-length

: content:



```

 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length!"

 Required: true
 ?
data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length_length

 : content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length_length!"

 Required: true
 ?
data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length_offline

 : content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length_offline!"

 Required: true
 ?
data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length_prefix

 : content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_prefix-range_prefix-range-prefix_prefix-range-length_prefix!"

 Required: true

data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size

 content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size!"

 Required: true

data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size-post

 content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size-post!"

 Required: true
 ?
data_cisco-cr-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_no-split

```

```

: content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_no-split"

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_per-cache

: content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_per-cache"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_per-cache

content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_split-size_per-cache"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold

content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold_post

content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold_post"

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold_upper-threshold

: content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_address-ranges_threshold_upper-threshold"

 Required: true

```

```

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges-post:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges-post"

 Required: true

?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_cisco-bng-ipam_prefix-length

: content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_cisco-bng-ipam_prefix-length"

 Required: true

?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length

: content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length"

 Required: true

?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_cisco-bng-ipam-default-gateway

: content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_cisco-bng-ipam-default-gateway"

 Required: true

?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_length

: content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_length"

```

```

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_offline

 : content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_offline"

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_prefix

 : content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_prefix-range_prefix-range-prefix_prefix-range-length_prefix"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size

 content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size-post

 content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size-post"

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_no-split

 : content:
 application/yang-data+json:
 schema:
 Reference:
 "%/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_no-split"

 Required: true
 ?
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-cache

 : content:
 application/yang-data+json:
 schema:

```

**Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-cache"
```

**Required:** true

```
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-cache
```

**content:**

```
application/yang-data+json:
```

**schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_split-size_per-cache"
```

**Required:** true

```
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold
```

**content:**

```
application/yang-data+json:
```

**schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold"
```

**Required:** true

```
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold-post
```

**content:**

```
application/yang-data+json:
```

**schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold-post"
```

**Required:** true

?

```
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold_upper-threshold
```

```
: content:
```

```
application/yang-data+json:
```

**schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_prefix-ranges_threshold_upper-threshold"
```

**Required:** true

```
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_split-prefix-iana-first
```

**content:**

```
application/yang-data+json:
```

**schema:****Reference:**

```
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_ipv6_split-prefix-iana-first"
```

**Required:** true

```
data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_offline:
```

```

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_offline"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_pool-name:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_pool-name"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_vrf-name:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_address-pool_address-pool-pool-name_vrf-name"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_instance-id:
 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_instance-id"
 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-chunk-event-logging:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-chunk-event-logging"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-chunk-event-logging-post:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-chunk-event-logging-post"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-chunk-event-logging_enable:

```

```

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-chunk-event-logging_enable"

 Required: true
data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-event-logging:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-event-logging"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-event-logging-post:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-event-logging-post"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-event-logging_enable:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-event-logging_enable"

 Required: true
data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-reserve:
 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_ip-reserve"
 Required: true
data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size-post:

 content:
 application/yang-data+json:

```

```

 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size-post"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size_ipv4-addr:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size_ipv4-addr"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size_ipv6-addr:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size_ipv6-addr"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size_ipv6-prefix:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_min-dp-addr-size_ipv6-prefix"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_reconcile-schedule:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_reconcile-schedule"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_reconcile-schedule-post:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_reconcile-schedule-post"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_reconcile-schedule_frequency:

```



```

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_reconcile-schedule_frequency"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_reconcile-schedule_time-of-day-hour:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_reconcile-schedule_time-of-day-hour"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_reconcile-schedule_time-of-day-minute:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_reconcile-schedule_time-of-day-minute"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_reserve-chunk-for-remote-site:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_reserve-chunk-for-remote-site"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_reserve-chunk-for-remote-site-post:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_reserve-chunk-for-remote-site-post"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_reserve-chunk-for-remote-site_enable:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_reserve-chunk-for-remote-site_enable"

 Required: true

```

```

data_cisco-cn-ipam_ipam_instance_instance-instance-id_source:
 content:
 application/yang-data+json:
 schema:
 Reference:
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source"
 Required: true
data_cisco-cn-ipam_ipam_instance_instance-instance-id_source-post:
 content:
 application/yang-data+json:
 schema:
 Reference:
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source-post"
 Required: true
data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external:
 content:
 application/yang-data+json:
 schema:
 Reference:
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external"
 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external-post:

 content:
 application/yang-data+json:
 schema:
 Reference:
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external-post"
 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam:

 content:
 application/yang-data+json:
 schema:
 Reference:
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam"
 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam-post:

 content:
 application/yang-data+json:
 schema:
 Reference:
"#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam-post"
 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam_host:

 content:

```

```

 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam_host"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam_port:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam_port"

 Required: true

data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam_vendor:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_external_ipam_vendor"

 Required: true
data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_local:
 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_source_local"
 Required: true
data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold:
 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold"
 Required: true
data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold-post:
 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold-post"
 Required: true
data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold_ipv4-addr:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold_ipv4-addr"

```

```

 Required: true
 data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold_ipv6-addr:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold_ipv6-addr"

 Required: true

 data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold_ipv6-prefix:

 content:
 application/yang-data+json:
 schema:
 Reference:
 "#/components/schemas/data_cisco-cn-ipam_ipam_instance_instance-instance-id_threshold_ipv6-prefix"

 Required: true
 securitySchemes:
 basicAuth:
 Type: http
 scheme: basic
 x-original-swagger-version: "2.0"

```