



# ipam\_exec

---

- [OpenAPI, on page 1](#)
- [Info, on page 1](#)
- [Servers, on page 1](#)
- [tags, on page 1](#)
- [Paths, on page 2](#)
- [Components, on page 11](#)

## OpenAPI

OpenAPI Version: 3.0.1

## Info

**Title:** cisco-exec-ipam  
**Description:** ''  
**Version:** '2021-06-01'

## 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-exec-ipam:reconcile

### get:

**Tags:**

- data
- get

**Operation ID:** data\_cisco\_exec\_ipam\_reconcile\_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-exec-ipam\_reconcile'

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

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

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

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

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

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

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

**head:**

**Tags:**  
- data  
- head

**Operation ID:** data\_cisco\_exec\_ipam\_reconcile\_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: []

```

## 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-exec-ipam:reconcile:
        Type: object
        Properties: {}
        Description: (non-presence)
        x-yang:
          Type: container
          is_presence: 'false'
  data-put-patch:
    Type: object
    Properties:
      ietf-restconf:data:
        Reference: '#/components/schemas/dataputpatch_ietfrestconfdata'
  data_cisco-exec-ipam_reconcile:
    Type: object
    Properties:
      cisco-exec-ipam:reconcile:
        Type: object
        Properties: {}
        Description: (non-presence)
        x-yang:
          Type: container
          is_presence: 'false'
  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
dataputpatch_ietfrestconfdata:
  Type: object
  Properties:
    cisco-exec-ipam:reconcile:
      Type: object
      Properties: {}
      Description: (non-presence)
      x-yang:
        Type: container
        is_presence: 'false'
      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
  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
  securitySchemes:
    basicAuth:
      Type: http
      scheme: basic
```

