



# ipam\_exec

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



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

**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  
  **enum:**  
  - config  
  - nonconfig  
  - all  
  **Default:** config

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

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

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

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

```

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: ''
    example: null
  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.
    example: null
  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
      enum:
        - config
        - nonconfig
        - all
      Default: config
  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  
        **enum:**  
        - report-all  
        - trim  
        - explicit  
        - report-all-tagged  
        **Default:** report-all

**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  
        **enum:**  
        - first  
        - last  
        - before  
        - after  
        **Default:** first

**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
```

