



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: ''
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
    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
```

