



cnbng_sync

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OpenAPI

OpenAPI Version: 3.0.1

Info

Title: cnbng-infra

Description: 'This module contains a collection of YANG definitions for Cisco Cloud-Native

BNG Control-Plane configuration.

Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'

Version: '2021-06-23'

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

```

Summary: 'This module contains a collection of YANG definitions for Cisco Cloud-Native

BNG Control-Plane configuration.

Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'

Description: 'This module contains a collection of YANG definitions for Cisco Cloud-Native BNG Control-Plane configuration.

Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'

Operation ID: root_get

Responses:

'200':

Description: 'This module contains a collection of YANG definitions for Cisco Cloud-Native BNG Control-Plane configuration. Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'

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
  Summary: 'This module contains a collection of YANG definitions for Cisco Cloud-Native
  BNG Control-Plane configuration.
  Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'
  Description: 'This module contains a collection of YANG definitions for Cisco
  Cloud-Native BNG Control-Plane configuration.
  Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'
  Operation ID: root_head

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

```

/operations

```

get:

  Tags:
  - operations
  - get
  Summary: 'This module contains a collection of YANG definitions for Cisco Cloud-Native
  BNG Control-Plane configuration.
  Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'
  Description: 'This module contains a collection of YANG definitions for Cisco
  Cloud-Native BNG Control-Plane configuration.
  Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'
  Operation ID: operations_get

  Responses:
  '200':

```

Description: 'This module contains a collection of YANG definitions for Cisco Cloud-Native BNG Control-Plane configuration. Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'

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

Summary: 'This module contains a collection of YANG definitions for Cisco Cloud-Native

BNG Control-Plane configuration.

Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'

Description: 'This module contains a collection of YANG definitions for Cisco Cloud-Native BNG Control-Plane configuration.

Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'

Operation ID: yang_library_version_get

Responses:

'200':

Description: 'This module contains a collection of YANG definitions for Cisco Cloud-Native BNG Control-Plane configuration.

Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'

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
Summary: 'This module contains a collection of YANG definitions for Cisco Cloud-Native
        BNG Control-Plane configuration.
        Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'
Description: 'This module contains a collection of YANG definitions for Cisco
            Cloud-Native BNG Control-Plane configuration.
            Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'
Operation ID: yang_library_version_head

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

```

/data

```

get:

Tags:
- data
- get
Summary: 'This module contains a collection of YANG definitions for Cisco Cloud-Native
        BNG Control-Plane configuration.
        Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'
Description: 'This module contains a collection of YANG definitions for Cisco

```

Cloud-Native BNG Control-Plane configuration.
 Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'

Operation ID: data_get

Responses:

'200':

Description: 'This module contains a collection of YANG definitions for
 Cisco Cloud-Native BNG Control-Plane configuration.
 Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'

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

Summary: 'This module contains a collection of YANG definitions for Cisco Cloud-Native

BNG Control-Plane configuration.
 Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'

Description: 'This module contains a collection of YANG definitions for Cisco
 Cloud-Native BNG Control-Plane configuration.
 Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'

Operation ID: data_put

Request Body:

Description: 'This module contains a collection of YANG definitions for Cisco
 Cloud-Native BNG Control-Plane configuration.
 Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'

Content:

application/yang-data+json:

Schema:

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

Required/Optional: true

Responses:

'201':

Description: 'This module contains a collection of YANG definitions for Cisco Cloud-Native BNG Control-Plane configuration. Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'

Content: {}

'400':

Description: Bad Request

Content: {}

'401':

Description: 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

Summary: 'This module contains a collection of YANG definitions for Cisco Cloud-Native

BNG Control-Plane configuration.

Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'

Description: 'This module contains a collection of YANG definitions for Cisco Cloud-Native BNG Control-Plane configuration.

Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'

Operation ID: data_post

Request Body:

Description: 'This module contains a collection of YANG definitions for Cisco Cloud-Native BNG Control-Plane configuration.

Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'

Content:

application/yang-data+json:

Schema:

Reference: '#/components/schemas/data-post'

Required/Optional: true

Responses:

'201':

Description: 'This module contains a collection of YANG definitions for Cisco Cloud-Native BNG Control-Plane configuration. Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'

Content: {}

```

    '400':
      Description: Bad Request
      Content: {}
    '401':
      Description: 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
  Summary: 'This module contains a collection of YANG definitions for Cisco Cloud-Native
    BNG Control-Plane configuration.
    Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'
  Description: 'This module contains a collection of YANG definitions for Cisco
    Cloud-Native BNG Control-Plane configuration.
    Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'
  Operation ID: data_head

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

  Tags:
  - data
  - patch
  Summary: 'This module contains a collection of YANG definitions for Cisco Cloud-Native
    BNG Control-Plane configuration.
    Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'
  Description: 'This module contains a collection of YANG definitions for Cisco
    Cloud-Native BNG Control-Plane configuration.
    Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'
  Operation ID: data_patch
  Request Body:
    Description: 'This module contains a collection of YANG definitions for Cisco
      Cloud-Native BNG Control-Plane configuration.
      Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'
```



```
Content:
  application/yang-data+json:
    Schema:
      Reference: '#/components/schemas/data-put-patch'
    Required/Optional: true

Responses:
  '204':
    Description: 'This module contains a collection of YANG definitions for
    Cisco Cloud-Native BNG Control-Plane configuration.
    Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'
    Content: {}
  '400':
    Description: Bad Request
    Content: {}
  '401':
    Description: 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/cnbng-infra:subscriber

get:

```
Tags:
- data
- get
Operation ID: data_cnbng_infra_subscriber_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_cnbng-infra_subscriber'

```

```
'204':
  Description: No Content
  Content: {}
'400':
  Description: 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_cnbng_infra_subscriber_put
Request Body:
Content:
  application/yang-data+json:
    Schema:
      Reference: '#/components/schemas/data_cnbng-infra_subscriber'
    Required/Optional: true

Responses:
'201':
  Description: container subscriber 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: subscriber
  Method: Post

  Tags:
  - data
  - post
  Operation ID: data_cnbng_infra_subscriber_post
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference: '#/components/schemas/data_cnbng-infra_subscriber-post'
        Required/Optional: true

  Responses:
    '201':
      Description: container subscriber 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: subscriber
  delete:

  Tags:
  - data
  - delete
  Operation ID: data_cnbng_infra_subscriber_delete

  Responses:
    '204':

```

Description: No Content
Content: {}
security:
- **basicAuth:** []

options:

Tags:
- data
- options
Operation ID: data_cnbng_infra_subscriber_options

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

head:

Tags:
- data
- head
Operation ID: data_cnbng_infra_subscriber_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: []
patch:

Tags:
- data
- patch
Operation ID: data_cnbng_infra_subscriber_patch
Request Body:
  Content:
    application/yang-data+json:
      Schema:
        Reference: '#/components/schemas/data_cnbng-infra_subscriber'
      Required/Optional: true

Responses:
  '204':
    Description: container subscriber 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: subscriber

```

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:
      cnbng-infra:subscriber:
        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_cnbng-infra_subscriber:
    Type: object
    Properties:

```

```

cnbng-infra:subscriber:
  Type: object
  Properties: {}
  Description: (non-presence)
  x-yang:
    Type: container
    is_presence: 'false'
data_cnbng-infra_subscriber-post:
  Type: object
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:
    cnbng-infra:subscriber:
      Type: object
      Properties: {}
      Description: (non-presence)
      x-yang:
        Type: container
        is_presence: 'false'
  Description: 'This module contains a collection of YANG definitions for Cisco
  Cloud-Native BNG Control-Plane configuration.
  Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'
  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:
  Description: 'This module contains a collection of YANG definitions for Cisco
  Cloud-Native BNG Control-Plane configuration.
  Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'
  content:
    application/yang-data+json:
      schema:
        Reference: '#/components/schemas/data-post'
      Required: true
data-put-patch:
  Description: 'This module contains a collection of YANG definitions for Cisco
  Cloud-Native BNG Control-Plane configuration.
  Copyright (c) 2020 by Cisco Systems, Inc. All rights reserved.'
  content:
    application/yang-data+json:
      schema:
        Reference: '#/components/schemas/data-put-patch'
      Required: true
data_cnbng-infra_subscriber:
  content:
    application/yang-data+json:
      schema:
        Reference: '#/components/schemas/data_cnbng-infra_subscriber'
      Required: true
data_cnbng-infra_subscriber-post:
  content:
    application/yang-data+json:
      schema:
        Reference: '#/components/schemas/data_cnbng-infra_subscriber-post'
      Required: true
securitySchemes:
basicAuth:

```

Type: http
scheme: basic