



# 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.'
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:
    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
```

