



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\nfor Cisco Cloud-Native\
 \ BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco Systems, Inc.\n\nAll rights reserved."

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\nfor Cisco Cloud-Native\

\ BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco Systems,\
\ Inc.\nAll rights reserved."

Description: "This module contains a collection of YANG definitions\nfor Cisco\
\ Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco\
\ Systems, Inc.\nAll rights reserved."

Operation ID: root_get

Responses:

"200":

Description: "This module contains a collection of YANG definitions\nfor\
\ Cisco Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c)\
\ 2020 by Cisco Systems, Inc.\nAll 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\nfor Cisco Cloud-Native\
\n BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco Systems,\
\n Inc.\nAll rights reserved."
Description: "This module contains a collection of YANG definitions\nfor Cisco\
\n Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco\
\n Systems, Inc.\nAll 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\nfor Cisco Cloud-Native\
\n BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco Systems,\
\n Inc.\nAll rights reserved."
Description: "This module contains a collection of YANG definitions\nfor Cisco\
\n Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco\
\n Systems, Inc.\nAll rights reserved."
Operation ID: operations_get

Responses:
"200":
  Description: "This module contains a collection of YANG definitions\nfor\

```

```

    \ Cisco Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c)\
    \ 2020 by Cisco Systems, Inc.\nAll 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\nfor Cisco Cloud-Native\
\n BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco Systems,\
\n Inc.\nAll rights reserved."
Description: "This module contains a collection of YANG definitions\nfor Cisco\
\n Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco\
\n Systems, Inc.\nAll rights reserved."
Operation ID: yang_library_version_get
Responses:
"200":
  Description: "This module contains a collection of YANG definitions\nfor\
\n Cisco Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c)\
\n 2020 by Cisco Systems, Inc.\nAll 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\nfor Cisco Cloud-Native\
\n BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco Systems,\
\n Inc.\nAll rights reserved."
Description: "This module contains a collection of YANG definitions\nfor Cisco\
\n Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco\
\n Systems, Inc.\nAll 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\nfor Cisco Cloud-Native\
\n BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco Systems,\
\n Inc.\nAll rights reserved."
Description: "This module contains a collection of YANG definitions\nfor Cisco\
\n Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco\

```

\ Systems, Inc.\nAll rights reserved."

Operation ID: data_get

Responses:

"200":

Description: "This module contains a collection of YANG definitions\nfor\
\ Cisco Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c)\
\ 2020 by Cisco Systems, Inc.\nAll 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\nfor Cisco Cloud-Native\
\

\ BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco Systems,\
\ Inc.\nAll rights reserved."

Description: "This module contains a collection of YANG definitions\nfor Cisco\
\ Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco\
\ Systems, Inc.\nAll rights reserved."

Operation ID: data_put

Request Body:

Description: "This module contains a collection of YANG definitions\nfor Cisco\
\ Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c) 2020 by\
\ Cisco Systems, Inc.\nAll 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\nfor\
 \ Cisco Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c)\
 \ 2020 by Cisco Systems, Inc.\nAll 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\nfor Cisco Cloud-Native\
 \ BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco Systems,\
 \ Inc.\nAll rights reserved."

Description: "This module contains a collection of YANG definitions\nfor Cisco\
 \ Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco\
 \ Systems, Inc.\nAll rights reserved."

Description: "This module contains a collection of YANG definitions\nfor Cisco\
 \ Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco\
 \ Systems, Inc.\nAll rights reserved."

Operation ID: data_post**Request Body:**

Description: "This module contains a collection of YANG definitions\nfor Cisco\
 \ Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c) 2020 by\
 \ Cisco Systems, Inc.\nAll 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\nfor\
 \ Cisco Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c)\
 \ 2020 by Cisco Systems, Inc.\nAll 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\nfor Cisco Cloud-Native\
\n BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco Systems,\
\n Inc.\nAll rights reserved."
Description: "This module contains a collection of YANG definitions\nfor Cisco\
\n Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco\
\n Systems, Inc.\nAll 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\nfor Cisco Cloud-Native\
\n BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco Systems,\
\n Inc.\nAll rights reserved."
Description: "This module contains a collection of YANG definitions\nfor Cisco\
\n Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco\
\n Systems, Inc.\nAll rights reserved."
Operation ID: data_patch
Request Body:
  Description: "This module contains a collection of YANG definitions\nfor Cisco\
\n Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c) 2020 by\
\n Cisco Systems, Inc.\nAll 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\nfor\n  \ Cisco Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c)\n  \ 2020 by Cisco Systems, Inc.\nAll 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
    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_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
    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: []

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\nfor Cisco\
    \ Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco\
    \ Systems, Inc.\nAll 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
      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:

Description: "This module contains a collection of YANG definitions\nfor Cisco\
\ Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco\
\ Systems, Inc.\nAll 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\nfor Cisco\
\ Cloud-Native BNG Control-Plane configuration.\n\nCopyright (c) 2020 by Cisco\
\ Systems, Inc.\nAll 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

