



infra

- [OpenAPI, on page 1](#)
- [Info, on page 1](#)
- [Servers, on page 1](#)
- [tags, on page 1](#)
- [Paths, on page 2](#)
- [Components, on page 15](#)

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