

health-check

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OpenAPI

OpenAPI Version: 3.0.1

Info

Title: cnbng-health-check-actions
Description: Top-level operational action commands for the BNG system health-check feature. Copyright
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Version: 2026-04-18

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: Top-level operational action commands for the BNG system health-check feature. Copyright
    (c) 2026 by Cisco Systems, Inc. All rights reserved.
  Description: Top-level operational action commands for the BNG system health-check feature. Copyright
    (c) 2026 by Cisco Systems, Inc. All rights reserved.
  Operation ID: root_get

  Responses:
    "200":
     Description: Top-level operational action commands for the BNG system health-check feature. Copyright
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      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: Top-level operational action commands for the BNG system health-check feature.
Copyright
    (c) 2026 by Cisco Systems, Inc. All rights reserved.
  Description: Top-level operational action commands for the BNG system health-check
feature. Copyright
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  Operation ID: root_head

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

/operations

```
 get:

  Tags:
  - operations
  - get
  Summary: Top-level operational action commands for the BNG system health-check feature.
Copyright
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  Description: Top-level operational action commands for the BNG system health-check
feature. Copyright
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  Operation ID: operations_get

  Responses:
    "200":
     Description: Top-level operational action commands for the BNG system health-check
feature. Copyright
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      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: Top-level operational action commands for the BNG system health-check feature.
 Copyright
      (c) 2026 by Cisco Systems, Inc. All rights reserved.
    Description: Top-level operational action commands for the BNG system health-check
feature. Copyright
      (c) 2026 by Cisco Systems, Inc. All rights reserved.
    Operation ID: yang_library_version_get

    Responses:
      "200":
        Description: Top-level operational action commands for the BNG system health-check
 feature. Copyright
          (c) 2026 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: Top-level operational action commands for the BNG system health-check feature.
Copyright
    (c) 2026 by Cisco Systems, Inc. All rights reserved.
  Description: Top-level operational action commands for the BNG system health-check
feature. Copyright
    (c) 2026 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: Top-level operational action commands for the BNG system health-check feature.
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  Description: Top-level operational action commands for the BNG system health-check
feature. Copyright
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  Operation ID: data_get

  Responses:
    "200":
```

```
      Description: Top-level operational action commands for the BNG system health-check
feature. Copyright
         (c) 2026 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: Top-level operational action commands for the BNG system health-check feature.
Copyright
     (c) 2026 by Cisco Systems, Inc. All rights reserved.
   Description: Top-level operational action commands for the BNG system health-check
feature. Copyright
     (c) 2026 by Cisco Systems, Inc. All rights reserved.
   Operation ID: data_put
   Request Body:
     Description: Top-level operational action commands for the BNG system health-check
feature. Copyright
       (c) 2026 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: Top-level operational action commands for the BNG system health-check
feature. Copyright
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```

```
      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: Top-level operational action commands for the BNG system health-check feature.
Copyright
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  Description: Top-level operational action commands for the BNG system health-check
feature. Copyright
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  Operation ID: data_post
  Request Body:
    Description: Top-level operational action commands for the BNG system health-check
feature. Copyright
      (c) 2026 by Cisco Systems, Inc. All rights reserved.
    Content:
      application/yang-data+json:
        Schema:
          Reference: "#/components/schemas/data-post"
    Required/Optional: true

  Responses:
    "201":
     Description: Top-level operational action commands for the BNG system health-check
feature. Copyright
        (c) 2026 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: Top-level operational action commands for the BNG system health-check feature.
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  Description: Top-level operational action commands for the BNG system health-check
feature. Copyright
     (c) 2026 by Cisco Systems, Inc. All rights reserved.
  Operation ID: data_head

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

  Tags:
  - data
  - patch
  Summary: Top-level operational action commands for the BNG system health-check feature.
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  Description: Top-level operational action commands for the BNG system health-check
feature. Copyright
     (c) 2026 by Cisco Systems, Inc. All rights reserved.
  Operation ID: data_patch
  Request Body:
    Description: Top-level operational action commands for the BNG system health-check
 feature. Copyright
       (c) 2026 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: Top-level operational action commands for the BNG system health-check
```

```
feature. Copyright
        (c) 2026 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-health-check-actions:system-health-check

```
get:

  Tags:
  - data
  - get
  Operation ID: data_cnbng_health_check_actions_system_health_check_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-health-check-actions_system-health-check"
      "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_health_check_actions_system_health_check_put
  Request Body:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
"#/components/schemas/data_cnbng-health-check-actions_system-health-check"
    Required/Optional: true

  Responses:
    "201":
      Description: container system-health-check 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: system-health-check
Method: Post:
```

```
    Tags:
    - data
    - post
    Operation ID: data_cnbng_health_check_actions_system_health_check_post
    Request Body:
      Content:
        application/yang-data+json:
          Schema:
            Reference:
"#/components/schemas/data_cnbng-health-check-actions_system-health-check-post"
      Required/Optional: true

    Responses:
      "201":
        Description: container system-health-check 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: system-health-check
  delete:

    Tags:
    - data
    - delete
    Operation ID: data_cnbng_health_check_actions_system_health_check_delete

    Responses:
      "204":
        Description: No Content
        Content: {}
    security:
    - basicAuth: []
  options:

    Tags:
```

```
  - data
  - options
  Operation ID: data_cnbng_health_check_actions_system_health_check_options

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

  Tags:
  - data
  - head
  Operation ID: data_cnbng_health_check_actions_system_health_check_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_health_check_actions_system_health_check_patch
    Request Body:
      Content:
        application/yang-data+json:
          Schema:
            Reference:
"#/components/schemas/data_cnbng-health-check-actions_system-health-check"
      Required/Optional: true

    Responses:
      "204":
        Description: container system-health-check 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: system-health-check
```

Components

```
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-health-check-actions:system-health-check:
          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-health-check-actions_system-health-check:
      Type: object
      Properties:
        cnbng-health-check-actions:system-health-check:
          Type: object
          Properties: {}
```

```
        Description: (non-presence)
        x-yang:
          Type: container
          is_presence: false
    data_cnbng-health-check-actions_system-health-check-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-health-check-actions:system-health-check:
          Type: object
          Properties: {}
          Description: (non-presence)
          x-yang:
            Type: container
            is_presence: false
      Description: Top-level operational action commands for the BNG system health-check
 feature. Copyright
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    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/Optional: 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/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: integer
    Format: uint16
fields:
  Name: fields
  In: query
  Description: optionally identify specific data nodes in response
  Required/Optional: 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/Optional: false
  Style: form
  Explode: true
  Schema:
    Type: string
    Format: string
with-defaults:
  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
insert:
  Name: insert
  In: query
  Description: controlling the order when adding new list elements
  Required/Optional: 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/Optional: false
    Style: form
    Explode: true
    Schema:
      Type: string
      Format: string
 requestBodies:
  data-post:
    Description: Top-level operational action commands for the BNG system health-check
feature. Copyright
      (c) 2026 by Cisco Systems, Inc. All rights reserved.
    Content:
      application/yang-data+json:
        Schema:
          Reference: "#/components/schemas/data-post"
    Required/Optional: true
  data-put-patch:
    Description: Top-level operational action commands for the BNG system health-check
feature. Copyright
      (c) 2026 by Cisco Systems, Inc. All rights reserved.
    Content:
      application/yang-data+json:
        Schema:
          Reference: "#/components/schemas/data-put-patch"
    Required/Optional: true
  data_cnbng-health-check-actions_system-health-check:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
"#/components/schemas/data_cnbng-health-check-actions_system-health-check"
    Required/Optional: true
  data_cnbng-health-check-actions_system-health-check-post:
    Content:
      application/yang-data+json:
        Schema:
          Reference:
"#/components/schemas/data_cnbng-health-check-actions_system-health-check-post"
    Required/Optional: true
 securitySchemes:
  basicAuth:
```

```
Type: http
scheme: basic
```